

ILLINOIS SHAPE BOOK

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ILLINOIS SHAPE BOOK

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
PROFILES, TABLES AND DATA

RELATIVE TO

ROLLED STEEL PRODUCTS

MANUFACTURED BY

ILLINOIS STEEL COMPANY

SUBSIDIARY OF UNITED  STATES STEEL CORPORATION

CHICAGO, ILLINOIS

A. I. A. FILE No. 13-b.

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ILLINOIS SHAPE BOOK

CONTAINS

PROFILES, TABLES AND DATA

Copyright, 1932, by
ILLINOIS STEEL COMPANY
Chicago, Illinois

ROLLED STEEL PRODUCTS

MANUFACTURED BY

ILLINOIS STEEL COMPANY

CHICAGO, ILLINOIS

CHICAGO, ILLINOIS

THIS, the Third Edition of the Shape Book, contains profiles of Sections rolled on the Structural, Plate, Bar, Rail, and other mills of Illinois Steel Company, together with tables and data. All previous editions are superseded and cancelled.

While this Edition contains the profiles of the new C B Sections, complete information, including properties and safe loads of C B Sections, are contained in Illinois Pocket Companion.

Wherever the profile applies to more than one weight of section, the dimensions shown are those aimed at in rolling the minimum weight listed. Heavier weights, when specified, are obtained by spreading the rolls. Sections having but one weight specified can be rolled only to that weight. Weights of Rails are given per lineal yard of section, but unless otherwise indicated, weights of all other products are given per lineal foot.

All dimensions of profiles are theoretical, the exact dimensions depending upon the condition of rolls. There is no guaranty that all sizes and shapes covered by this book can be furnished, the list published herein being subject to revision without notice.

ORDERING MATERIAL

Section Number to be Specified on all Orders

Structural Mill Products. Orders should specify the dimensions in inches; weight in pounds per foot, and lengths in feet and inches.

Bar Mill Products. Orders should specify size dimensions in inches and lengths in feet and inches.

Plate Mill Products. Orders should specify all dimensions in inches.

Rail Mill Products. Rails, Splice Bars, Tie Plates, and Screw Spikes should be ordered by SECTION NUMBER.

PRODUCTS

BLAST FURNACE PRODUCTS

Basic Pig Iron

Bank Slag

Bessemer Pig Iron

Granulated Slag

ROLLING MILL PRODUCTS

SEMI-FINISHED PRODUCTS

Ingots

Blooms

Billets

Slabs

Sheet Bars

STRUCTURAL PRODUCTS

C B Sections

Standard Beams

Special Light Beams

H Beams

Standard Channels

Ship Building Channels

Car Building Sections

Bulb Angles

Angles

Tees

Zees

Miscellaneous Sections

PLATE PRODUCTS

Sheared Plates

Rectangular

Circular

Sketch

Light Plates $\frac{1}{8}$ " gauge and heavier

Universal-Mill Plates

Base Plates for Columns and Machinery

Floor Plates

Skelp

BAR PRODUCTS

Agricultural Implement Sections

Angles

Automobile Hinge Sections

Automobile Bumper Sections

Automobile Rim Sections

Bevel Sections

Casement Sections

Channels

Concrete Reinforcement Bars

Flats—Square Edge, Band Edge and Round Edge

Flats Under $\frac{1}{4}$ "

Half Ovals

Half Rounds

Hexagons

Key Sections

Nut Sections

Ovals

Pipe Coupling Sections

Round Cornered Squares

Rounds

Skelp

Skelp—Bevel Edge and Scarfed

Special Miscellaneous Sections

Spring Steel—Round Edge and Round Edge Concave

Squares

Tees

Window Sash Sections

Zees

PRODUCTS

ROLLING MILL PRODUCTS—Concluded

WROUGHT and FORGED STEEL PRODUCTS

Axles	Armature Shafts—Alloy
Untreated	Armature Shafts—Carbon
Annealed	Wheels
Electric Railway Car	Solid Wrought, Carbon Steel
Steam Railroad Car	Untreated
Locomotive Driving	Quenched and Tempered
Locomotive Trailing	Electric Railway
Tender	Steam Railroad

RAILROAD TRACK PRODUCTS

Heavy Rails, 50 pounds and over	Riser Plates
Light Rails, under 50 pounds	Screw Spikes
Angle Splice Bars	Track Spikes
Fish Plates	Track Bolts and Nuts
Tie Plates	Rail Clips

GRADES

Open Hearth	Open Hearth Alloy
Bessemer	Electric, Carbon and Alloy
U S S Stainless and Heat Resisting Steels	

COKE AND COKE BY-PRODUCTS

Coke	Naphtha
Blast Furnace Coke	Industrial Refined Light
Foundry Coke	Industrial Crude Heavy
Domestic or Nut Coke	Industrial High Test
Coke Breeze	
Benzol	Ammoniacal Liquor
Industrial Pure	Ammonium Sulphate
Industrial 90%	Crude Naphthalene
Motor	Tar
Toluol, Industrial Pure	By-Product Coke Oven Gas
Xylol, Industrial	

OFFICES:

GENERAL OFFICES:

CHICAGO, 208 South La Salle Street

DISTRICT OFFICES:

BIRMINGHAM, Brown-Marx Building, 2000 First Avenue, North

BOSTON, Statler Building, 20 Providence Street

BUFFALO, Marine Trust Company Building, 233 Main Street

CHICAGO, 208 South La Salle Street

CINCINNATI, Union Trust Building, 36 East Fourth Street

CLEVELAND, Rockefeller Building, 614 Superior Avenue, N. W.

DENVER, First National Bank Building, 17th and Stout Streets

DETROIT, Buhl Building, 535 Griswold Street

NEW ORLEANS, Maison Blanche, 921 Canal Street

NEW YORK, Empire Building, 71 Broadway

PHILADELPHIA, Widner Building, Chestnut and Juniper Streets

PITTSBURGH, Carnegie Building, 434 Fifth Avenue

ST. LOUIS, Mississippi Valley Trust Building, 506 Olive Street

ST. PAUL, First National Bank Building, 337 Robert Street

WASHINGTON, D. C., American Security Building,
730 15th Street, N. W.

PACIFIC COAST DISTRIBUTORS:

Columbia Steel Company,

SAN FRANCISCO, 235 Montgomery Street

LOS ANGELES, 2087 East Slauson Avenue

PORTLAND, 777 Nicolai Street

SALT LAKE CITY, Walker Bank Building

SEATTLE, Fourth Avenue South and Connecticut Street

HONOLULU, T. H., Castle and Cooke Building

EXPORT DISTRIBUTORS:

United States Steel Products Company,

NEW YORK, Hudson Terminal Building, 30 Church Street

WAREHOUSE DISTRIBUTORS:

Illinois Scully Steel Warehouse Company,

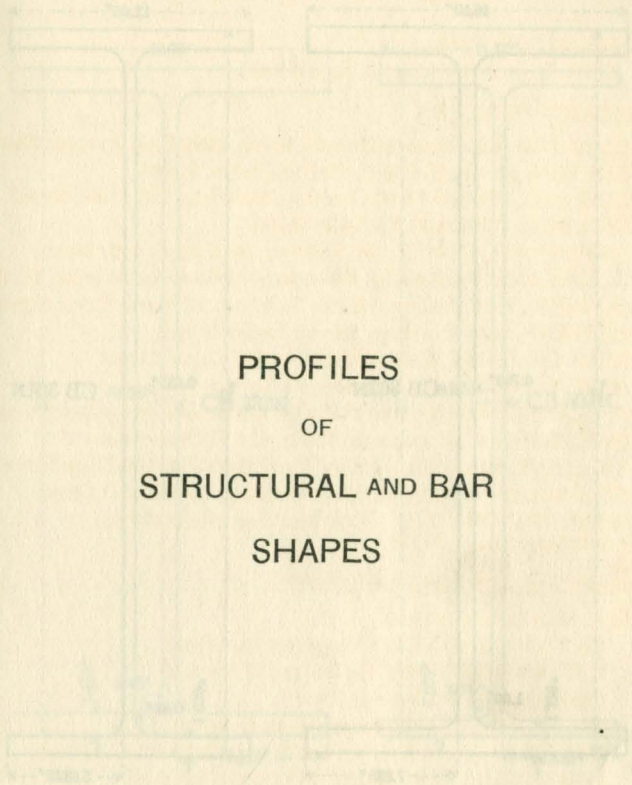
CHICAGO, 1319 Wabansia Avenue

ST. LOUIS, 21st and Gratiot Streets

ST. PAUL, University Avenue and Eustis Street

DENVER, 17th and Stout Streets

PROFILES OF STRUCTURAL AND BAR SHAPES

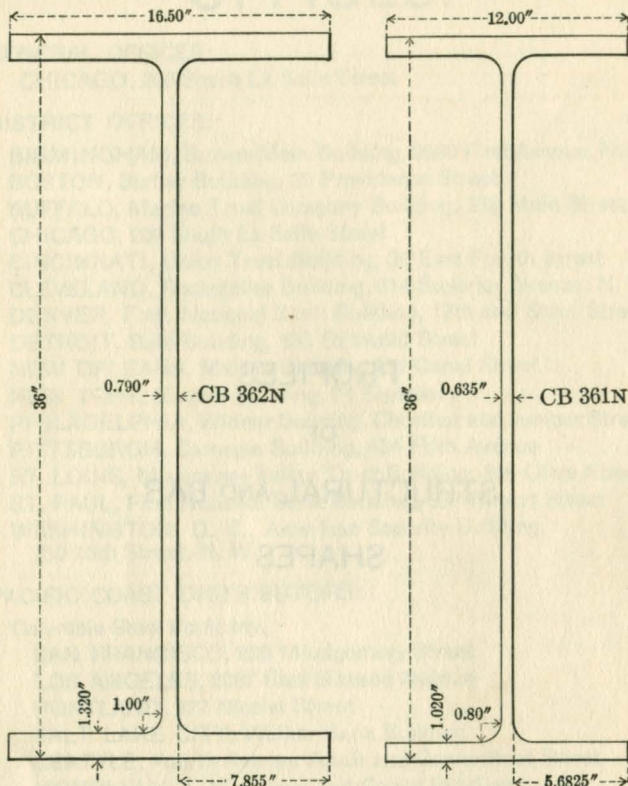


PROFILES
OF
STRUCTURAL AND BAR
SHAPES

Profile	Weight per Foot	Area	Moment of Inertia	Section Modulus	Radius of Gyration	Depth	Flange Width	Web Thickness	Flange Thickness
12" x 30 I-beam	33.0	10.1	131	18.8	3.70	12.0	4.0	0.375	0.50
12" x 24 I-beam	26.0	7.7	83	11.8	3.00	12.0	4.0	0.375	0.50
12" x 30 Channel	33.0	10.1	131	18.8	3.70	12.0	4.0	0.375	0.50
12" x 24 Channel	26.0	7.7	83	11.8	3.00	12.0	4.0	0.375	0.50

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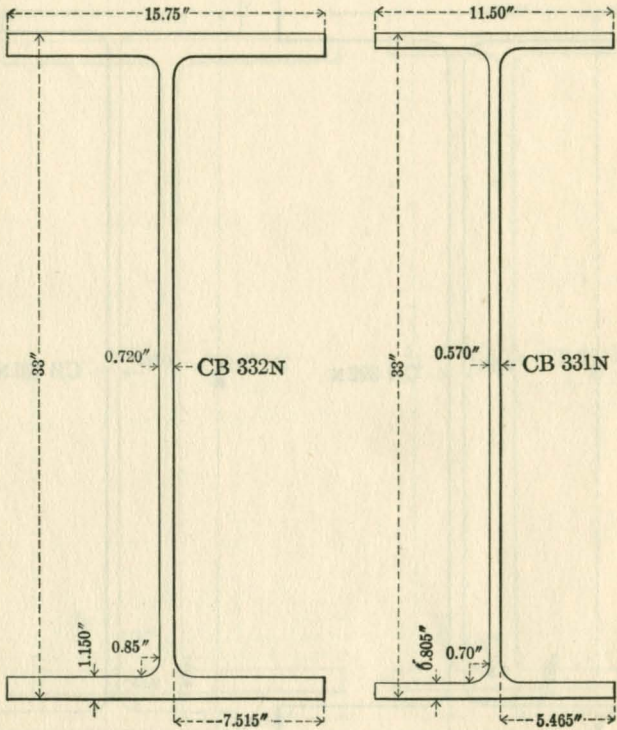
C B SECTIONS



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 362 N	36.720	$36\frac{3}{4}$	300	16.657	$16\frac{11}{16}$	1.680	$1\frac{1}{4}$	.947	$\frac{21}{22}$
	36.500	$36\frac{1}{2}$	280	16.596	$16\frac{13}{16}$	1.570	$1\frac{9}{16}$	.886	$\frac{22}{25}$
	36.240	$36\frac{1}{4}$	260	16.553	$16\frac{13}{16}$	1.440	$1\frac{1}{4}$	.843	$\frac{22}{27}$
	36.120	$36\frac{1}{8}$	250	16.527	$16\frac{11}{16}$	1.380	$1\frac{3}{8}$	.817	$\frac{13}{16}$
	36.000	36	240	16.500	$16\frac{1}{2}$	1.320	$1\frac{1}{8}$	.790	$\frac{24}{31}$
	35.880	$35\frac{7}{8}$	230	16.473	$16\frac{1}{2}$	1.260	$1\frac{1}{4}$	.763	$\frac{24}{31}$
CB 361 N	36.500	$36\frac{1}{2}$	192	12.109	$12\frac{1}{16}$	1.270	$1\frac{1}{4}$	.744	$\frac{3}{4}$
	36.250	$36\frac{1}{4}$	176	12.063	$12\frac{1}{16}$	1.145	$1\frac{1}{8}$	.698	$\frac{24}{31}$
	36.120	$36\frac{1}{8}$	167	12.033	$12\frac{1}{16}$	1.080	$1\frac{1}{8}$	.668	$\frac{24}{31}$
	36.000	36	158	12.000	12	1.020	$1\frac{1}{8}$	.635	$\frac{24}{31}$
	35.880	$35\frac{7}{8}$	150	11.974	$11\frac{1}{4}$	0.960	$\frac{3}{4}$	.609	$\frac{24}{31}$

BEAMS

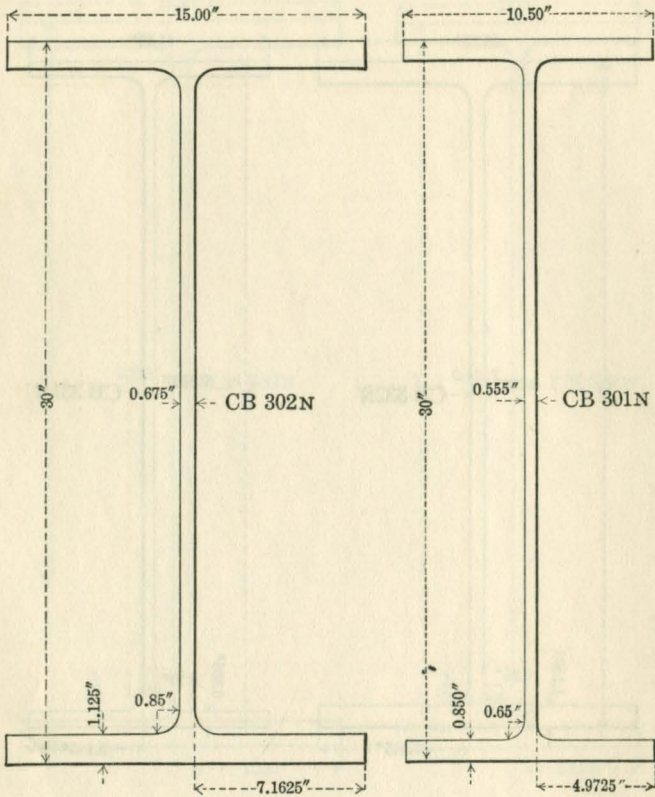
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 332 N	33.750	33 ³ / ₄	260	15.923	15 ¹¹ / ₁₆	1.525	1 ¹ / ₁₆	.893	11
	33.500	33 ¹ / ₂	240	15.866	15 ¹¹ / ₁₆	1.400	1 ¹ / ₁₆	.836	11
	33.250	33 ¹ / ₄	220	15.808	15 ¹¹ / ₁₆	1.275	1 ⁹ / ₁₆	.778	11
	33.120	33 ¹ / ₈	210	15.782	15 ¹¹ / ₁₆	1.210	1 ¹¹ / ₁₆	.752	11
	33.000	33	200	15.750	15 ³ / ₄	1.150	1 ¹ / ₁₆	.720	11
CB 331 N	33.500	33 ¹ / ₂	152	11.566	11 ⁹ / ₁₆	1.055	1 ¹ / ₁₆	.636	11
	33.310	33 ⁵ / ₁₆	141	11.535	11 ¹¹ / ₁₆	.960	11	.605	11
	33.150	33 ¹ / ₄	132	11.511	11 ¹¹ / ₁₆	.880	11	.581	11
	33.000	33	125	11.500	11 ¹ / ₂	.805	11	.570	11

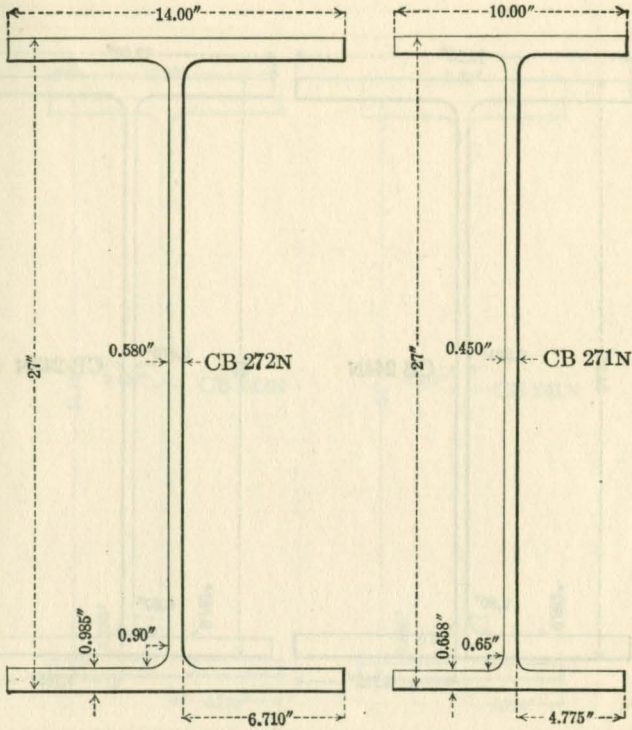
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C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 302 N	30.750	30 ³ / ₄	240	15.207	15 ¹ / ₄	1.500	1 ¹ / ₂	.882	7 ¹ / ₈
	30.500	30 ¹ / ₂	220	15.139	15 ⁵ / ₁₆	1.375	1 ³ / ₈	.814	13 ¹ / ₈
	30.250	30 ¹ / ₄	200	15.070	15 ¹ / ₈	1.250	1 ¹ / ₄	.745	3 ¹ / ₄
	30.120	30 ³ / ₈	190	15.037	15 ³ / ₈	1.185	1 ¹ / ₈	.712	3 ³ / ₈
	30.000	30	180	15.000	15	1.125	1 ¹ / ₈	.675	3 ¹ / ₄
CB 301 N	30.310	30 ⁵ / ₈	131	10.547	10 ¹ / ₂	1.005	1	.602	1 ¹ / ₂
	30.120	30 ³ / ₈	122	10.525	10 ¹ / ₂	.910	7 ¹ / ₈	.580	1 ¹ / ₄
	30.000	30	115	10.500	10 ¹ / ₂	.850	7 ¹ / ₈	.555	1 ¹ / ₄
	29.880	29 ⁷ / ₈	108	10.473	10 ¹ / ₂	.790	7 ¹ / ₈	.528	1 ¹ / ₄

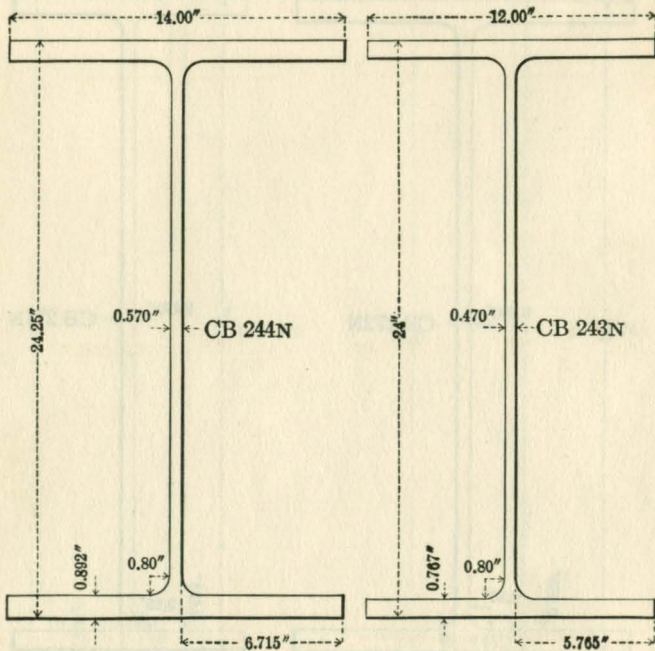
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 272 N	27.452	$27\frac{11}{16}$	175	14.091	$14\frac{3}{32}$	1.211	$1\frac{1}{32}$	.671	$\frac{43}{64}$
	27.328	$27\frac{5}{8}$	166	14.058	$14\frac{1}{16}$	1.149	$1\frac{1}{32}$	.638	$\frac{41}{64}$
	27.192	$27\frac{1}{4}$	156	14.020	$14\frac{1}{8}$	1.081	$1\frac{1}{16}$	.600	$\frac{39}{64}$
	27.000	27	145	14.000	14	.985	$\frac{3}{8}$	.580	$\frac{37}{64}$
CB 271 N	27.582	$27\frac{11}{16}$	112	10.077	$10\frac{5}{16}$	.949	$\frac{21}{32}$	.527	$\frac{33}{64}$
	27.450	$27\frac{3}{4}$	104	10.040	$10\frac{1}{8}$	.883	$\frac{21}{32}$	.490	$\frac{31}{64}$
	27.326	$27\frac{5}{8}$	97	10.010	$10\frac{1}{16}$	.821	$\frac{21}{32}$	.460	$\frac{29}{64}$
	27.162	$27\frac{1}{4}$	91	10.005	10	.739	$\frac{21}{32}$.455	$\frac{28}{64}$
	27.000	27	85	10.000	10	.658	$\frac{21}{32}$.450	$\frac{28}{64}$

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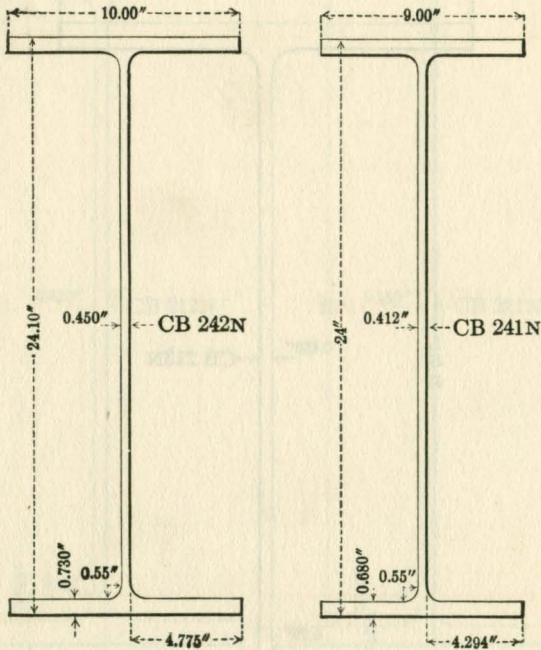
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 244 N	24.714	$24\frac{3}{4}$	160	14.095	$14\frac{3}{8}$	1.124	$1\frac{1}{8}$	.665	$\frac{11}{16}$
	24.562	$24\frac{1}{8}$	150	14.063	$14\frac{1}{8}$	1.048	$1\frac{3}{16}$	.633	$\frac{11}{16}$
	24.406	$24\frac{1}{2}$	140	14.031	$14\frac{3}{8}$	.970	$\frac{3}{4}$	.601	$\frac{11}{16}$
	24.250	$24\frac{1}{4}$	130	14.000	14	.892	$\frac{3}{4}$	.570	$\frac{1}{8}$
CB 243 N	24.310	$24\frac{1}{8}$	120	12.089	$12\frac{3}{8}$	.922	$\frac{3}{4}$	.559	$\frac{1}{8}$
	24.160	$24\frac{1}{2}$	110	12.043	$12\frac{3}{8}$	.847	$\frac{3}{4}$	.513	$\frac{3}{16}$
	24.000	24	100	12.000	12	.767	$\frac{3}{4}$	.470	$\frac{3}{16}$

BEAMS

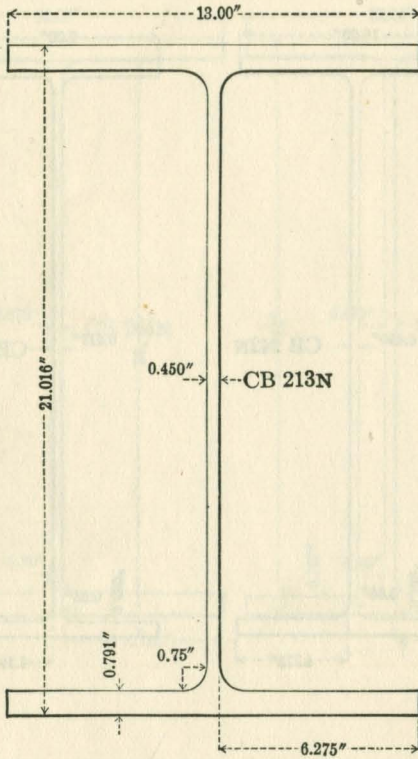
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 242 N	24.260	$24\frac{1}{4}$	93	10.031	$10\frac{1}{2}$	.810	$\frac{3}{4}$	.481	$\frac{1}{2}$
	24.100	$24\frac{3}{4}$	85	10.000	10	.730	$\frac{3}{4}$	.450	$\frac{1}{2}$
CB 241 N	24.120	$24\frac{1}{8}$	81	9.041	$9\frac{1}{4}$.740	$\frac{3}{4}$.453	$\frac{1}{2}$
	24.000	24	74	9.000	9	.680	$\frac{3}{4}$.412	$\frac{1}{2}$
	23.880	$23\frac{3}{8}$	70	8.996	9	.620	$\frac{5}{8}$.408	$\frac{1}{2}$

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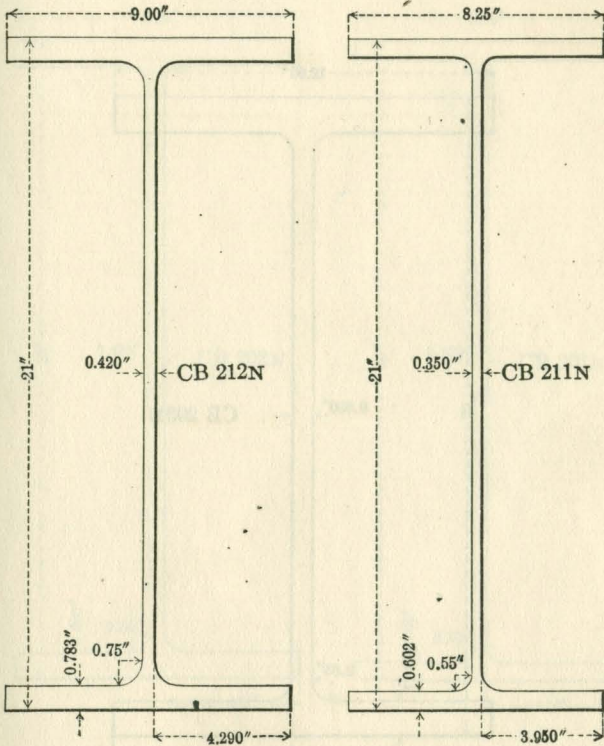
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 213 N	21.264	$21\frac{11}{4}$	116	13.057	$13\frac{1}{16}$	.915	$\frac{39}{44}$	.507	$\frac{1}{2}$
	21.138	$21\frac{5}{8}$	108	13.023	$13\frac{3}{16}$	.852	$\frac{33}{41}$	.473	$\frac{13}{28}$
	21.016	$21\frac{1}{8}$	101	13.000	13	.791	$\frac{31}{41}$	.450	$\frac{23}{52}$

BEAMS

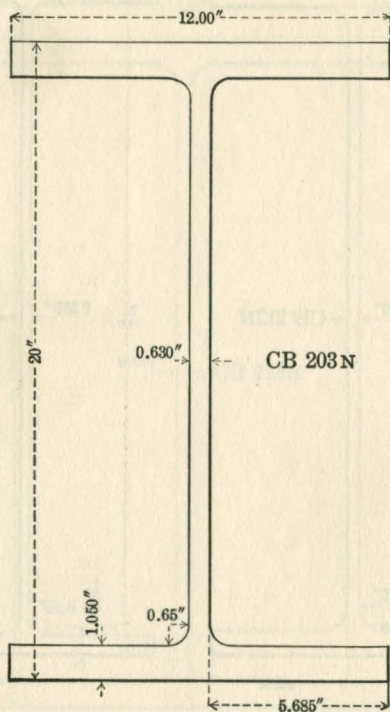
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 212 N	21.376	21 $\frac{3}{8}$	96	9.104	9 $\frac{7}{84}$	.971	$\frac{31}{32}$	.524	$\frac{17}{32}$
	21.240	21 $\frac{1}{4}$	89	9.065	9 $\frac{1}{16}$	.903	$\frac{29}{32}$	.485	$\frac{15}{32}$
	21.122	21 $\frac{1}{8}$	83	9.032	9 $\frac{1}{32}$	.844	$\frac{27}{32}$	.452	$\frac{21}{32}$
	21.000	21	77	9.000	9	.783	$\frac{25}{32}$	.420	$\frac{21}{32}$
CB 211 N	21.334	21 $\frac{1}{4}$	73	8.327	8 $\frac{1}{4}$	.769	$\frac{49}{64}$	.427	$\frac{21}{32}$
	21.210	21 $\frac{1}{4}$	67	8.293	8 $\frac{1}{4}$	.707	$\frac{61}{64}$	.393	$\frac{15}{32}$
	21.098	21 $\frac{1}{8}$	62	8.267	8 $\frac{1}{4}$.651	$\frac{57}{64}$.367	$\frac{21}{32}$
	21.000	21	58	8.250	8 $\frac{1}{4}$.602	$\frac{51}{64}$.350	$\frac{11}{32}$

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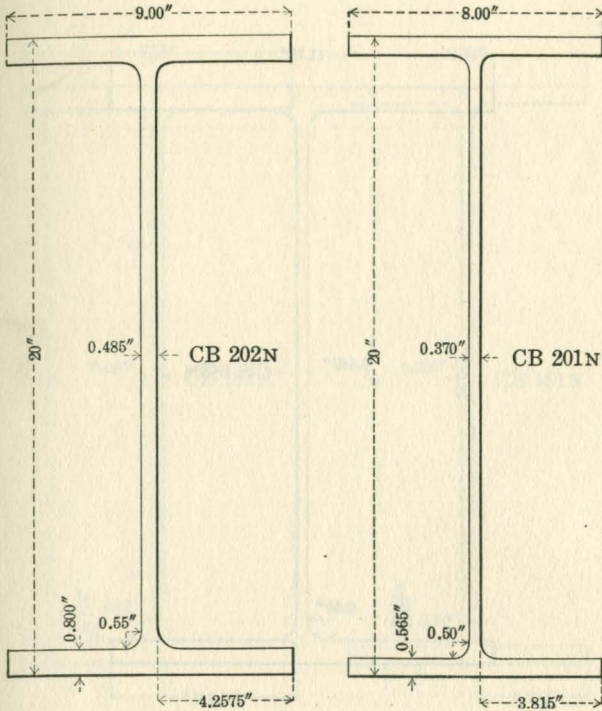
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 203 N	20.380	20 $\frac{3}{8}$	146	12.080	12 $\frac{5}{16}$	1.240	1 $\frac{1}{4}$	.710	$\frac{45}{64}$
	20.180	20 $\frac{1}{4}$	135	12.039	12 $\frac{1}{8}$	1.140	1 $\frac{1}{8}$	.669	$\frac{33}{50}$
	20.000	20	125	12.000	12	1.050	1 $\frac{1}{16}$	.630	$\frac{5}{8}$
	19.820	19 $\frac{1}{2}$	115	11.961	11 $\frac{3}{4}$	.960	$\frac{3}{4}$	.591	$\frac{19}{32}$

BEAMS

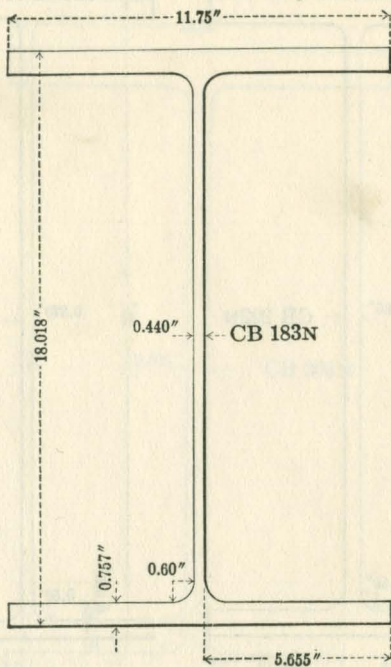
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 202 N	20.380	20 $\frac{3}{8}$	98	9.092	9 $\frac{3}{32}$	.990	$\frac{31}{32}$	.577	$\frac{21}{32}$
	20.180	20 $\frac{3}{16}$	88	9.036	9 $\frac{1}{16}$	.890	$\frac{31}{32}$	.521	$\frac{21}{32}$
	20.000	20	80	9.000	9	.800	$\frac{21}{32}$	.485	$\frac{21}{32}$
	19.880	19 $\frac{7}{8}$	74	8.966	8 $\frac{11}{16}$	.740	$\frac{11}{16}$	.451	$\frac{21}{32}$
CB 201 N	20.250	20 $\frac{1}{4}$	65	8.046	8 $\frac{3}{16}$.690	$\frac{11}{16}$.416	$\frac{21}{32}$
	20.120	20 $\frac{1}{8}$	60	8.025	8 $\frac{1}{16}$.625	$\frac{5}{8}$.395	$\frac{21}{32}$
	20.000	20	55	8.000	8	.565	$\frac{3}{16}$.370	$\frac{3}{8}$

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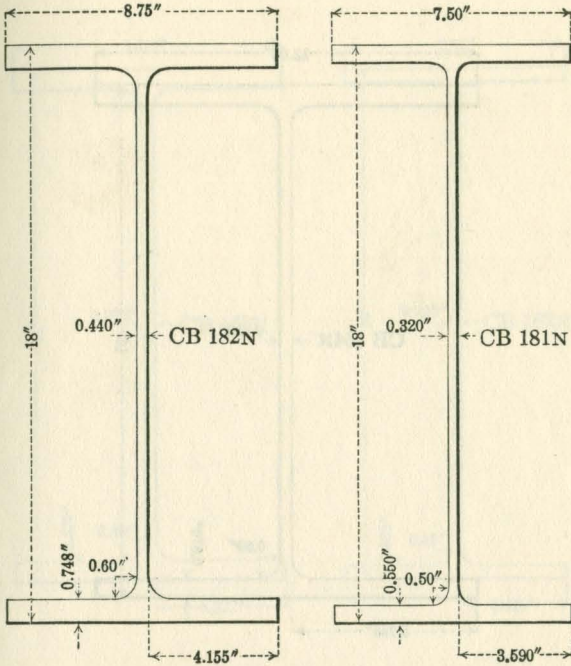
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 183 N	18.274	$18\frac{9}{32}$	99	11.795	$11\frac{51}{64}$	.885	$\frac{7}{8}$	.485	$\frac{31}{64}$
	18.138	$18\frac{3}{4}$	92	11.770	$11\frac{49}{64}$	.817	$\frac{13}{16}$	.460	$\frac{23}{32}$
	18.018	$18\frac{1}{4}$	86	11.750	$11\frac{3}{4}$	.757	$\frac{3}{4}$	.440	$\frac{7}{16}$
	17.898	$17\frac{1}{4}$	80	11.730	$11\frac{1}{4}$	.697	$\frac{11}{16}$	.420	$\frac{21}{64}$

BEAMS

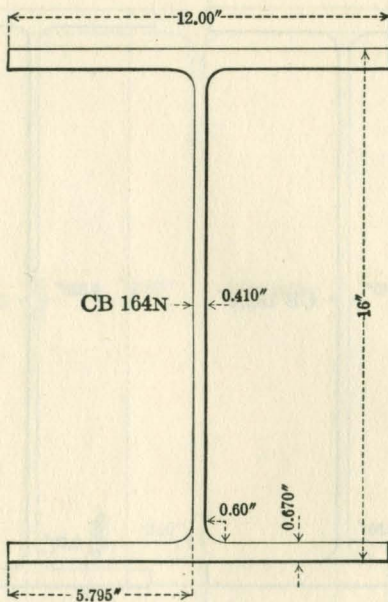
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 182 N	18.152	$18\frac{5}{32}$	77	8.790	$8\frac{21}{32}$	.824	$\frac{23}{32}$	.480	$\frac{21}{32}$
	18.000	18	70	8.750	$8\frac{3}{4}$	.748	$\frac{3}{4}$	.440	$\frac{11}{16}$
	17.870	$17\frac{7}{8}$	64	8.715	$8\frac{3}{32}$	.683	$\frac{11}{16}$	.405	$\frac{13}{32}$
CB 181 N	18.250	$18\frac{1}{4}$	57	7.558	$7\frac{2}{16}$	.675	$\frac{43}{64}$	.378	$\frac{3}{8}$
	18.120	$18\frac{1}{2}$	52	7.531	$7\frac{13}{32}$	.610	$\frac{23}{32}$	.351	$\frac{11}{32}$
	18.060	$18\frac{1}{8}$	49	7.507	$7\frac{1}{2}$.580	$\frac{37}{64}$.327	$\frac{21}{64}$
	18.000	18	47	7.500	$7\frac{1}{2}$.550	$\frac{35}{64}$.320	$\frac{5}{16}$

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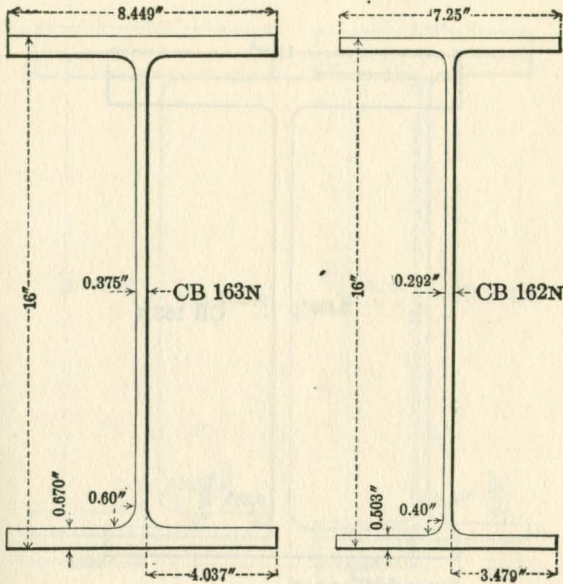
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 164 N	16.250	16¼	90	12.070	12⅛	.795	⅝	.480	⅜
	16.120	16⅝	83	12.040	12⅝	.730	⅜	.450	⅜
	16.000	16	76	12.000	12	.670	⅝	.410	⅜

BEAMS

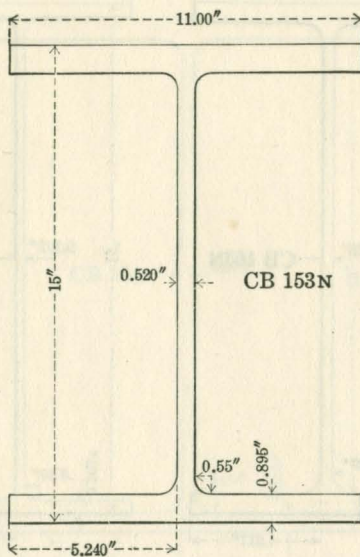
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 163 N	16.230	16 $\frac{1}{4}$	68	8.510	8 $\frac{1}{4}$	.785	$\frac{3}{4}$	.436	$\frac{1}{4}$
	16.120	16 $\frac{1}{8}$	63	8.477	8 $\frac{1}{4}$	.730	$\frac{3}{4}$	.403	$\frac{3}{8}$
	16.000	16	58	8.449	8 $\frac{1}{4}$	.670	$\frac{3}{4}$	.375	$\frac{3}{8}$
CB 162 N	16.250	16 $\frac{1}{4}$	50	7.318	7 $\frac{1}{8}$	.628	$\frac{5}{8}$	.360	$\frac{1}{4}$
	16.120	16 $\frac{1}{8}$	45	7.286	7 $\frac{3}{8}$.563	$\frac{1}{2}$.328	$\frac{1}{4}$
	16.000	16	40	7.250	7 $\frac{1}{4}$.503	$\frac{1}{2}$.292	$\frac{1}{4}$
	15.880	15 $\frac{7}{8}$	37	7.243	7 $\frac{1}{4}$.443	$\frac{1}{2}$.290	$\frac{1}{4}$

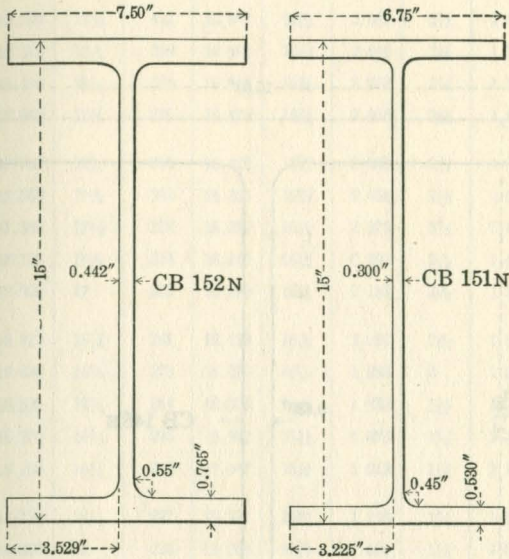
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C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 153 N	15.320	15 $\frac{1}{8}$	108	11.097	11 $\frac{3}{8}$	1.055	1 $\frac{1}{8}$	.617	$\frac{3}{16}$
	15.160	15 $\frac{3}{8}$	99	11.039	11 $\frac{1}{8}$	.975	$\frac{3}{8}$	.559	$\frac{1}{8}$
	15.000	15	91	11.000	11	.895	$\frac{7}{8}$	.520	$\frac{3}{16}$
	14.880	14 $\frac{7}{8}$	85	10.970	10 $\frac{11}{16}$	.835	$\frac{7}{8}$	.490	$\frac{3}{16}$

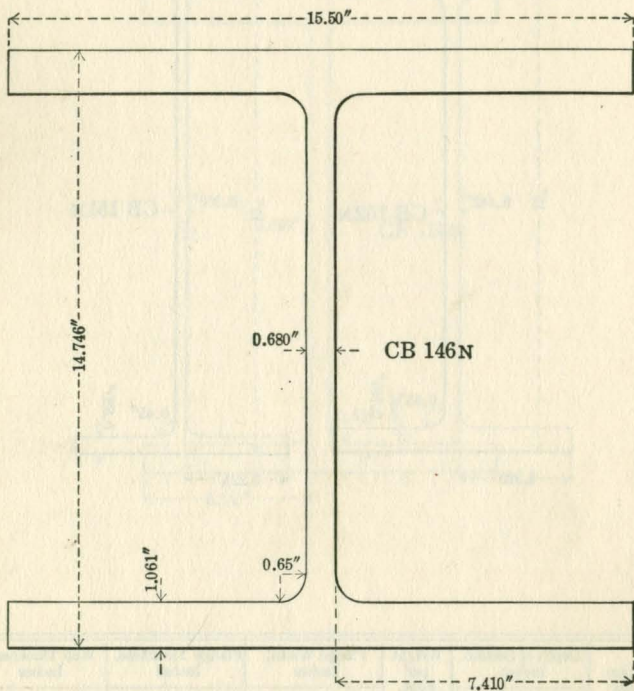
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 152 N	15.310	15 $\frac{5}{16}$	72	7.580	7 $\frac{11}{16}$	.920	$\frac{31}{32}$	.522	$\frac{11}{16}$
	15.160	15 $\frac{1}{2}$	66	7.538	7 $\frac{13}{16}$	.845	$\frac{33}{32}$	.480	$\frac{11}{16}$
	15.000	15	60	7.500	7 $\frac{1}{2}$	.765	$\frac{31}{32}$	.442	$\frac{1}{16}$
	14.880	14 $\frac{7}{8}$	55	7.463	7 $\frac{11}{16}$	.705	$\frac{31}{32}$	.405	$\frac{11}{16}$
CB 151 N	15.250	15 $\frac{1}{4}$	49	6.832	6 $\frac{11}{16}$	.655	$\frac{33}{64}$	.382	$\frac{3}{8}$
	15.120	15 $\frac{1}{8}$	44	6.793	6 $\frac{11}{16}$	.590	$\frac{19}{32}$	.343	$\frac{11}{16}$
	15.000	15	39	6.750	6 $\frac{3}{4}$.530	$\frac{11}{16}$.300	$\frac{11}{16}$
	14.880	14 $\frac{7}{8}$	35	6.725	6 $\frac{23}{32}$.470	$\frac{15}{32}$.275	$\frac{1}{8}$

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C B SECTIONS—Continued



(See Table on page 19)

BEAMS

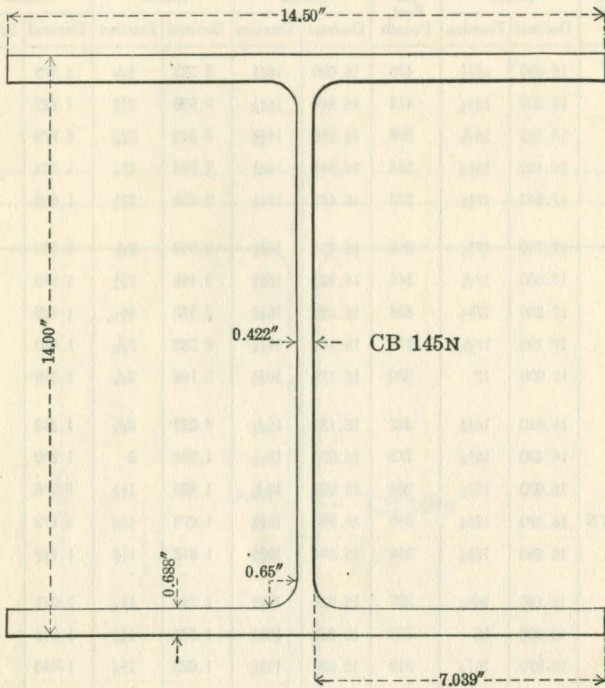
C B SECTIONS—Continued

Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
	18.690	18 $\frac{1}{8}$	426	16.699	16 $\frac{1}{4}$	3.033	3 $\frac{1}{8}$	1.879	1 $\frac{7}{8}$
	18.500	18 $\frac{1}{2}$	412	16.647	16 $\frac{1}{4}$	2.938	2 $\frac{1}{8}$	1.827	1 $\frac{3}{4}$
	18.310	18 $\frac{5}{8}$	398	16.595	16 $\frac{3}{8}$	2.843	2 $\frac{1}{4}$	1.775	1 $\frac{3}{4}$
	18.120	18 $\frac{3}{8}$	384	16.541	16 $\frac{1}{4}$	2.748	2 $\frac{3}{4}$	1.721	1 $\frac{3}{4}$
	17.940	17 $\frac{1}{2}$	370	16.479	16 $\frac{1}{4}$	2.658	2 $\frac{3}{4}$	1.659	1 $\frac{3}{4}$
	17.750	17 $\frac{3}{4}$	356	16.420	16 $\frac{3}{4}$	2.563	2 $\frac{5}{8}$	1.602	1 $\frac{3}{4}$
	17.560	17 $\frac{5}{8}$	342	16.365	16 $\frac{3}{4}$	2.468	2 $\frac{1}{2}$	1.545	1 $\frac{3}{4}$
	17.380	17 $\frac{3}{8}$	328	16.299	16 $\frac{1}{4}$	2.378	2 $\frac{3}{8}$	1.479	1 $\frac{3}{4}$
	17.190	17 $\frac{1}{8}$	314	16.240	16 $\frac{1}{4}$	2.283	2 $\frac{1}{8}$	1.420	1 $\frac{3}{4}$
	17.000	17	300	16.179	16 $\frac{1}{4}$	2.188	2 $\frac{1}{8}$	1.359	1 $\frac{3}{4}$
	16.810	16 $\frac{3}{4}$	287	16.133	16 $\frac{5}{8}$	2.093	2 $\frac{1}{8}$	1.313	1 $\frac{5}{8}$
	16.620	16 $\frac{5}{8}$	273	16.070	16 $\frac{1}{8}$	1.998	2	1.250	1 $\frac{1}{4}$
	16.500	16 $\frac{1}{2}$	264	16.026	16 $\frac{1}{8}$	1.938	1 $\frac{1}{2}$	1.206	1 $\frac{1}{4}$
CB 146 N	16.370	16 $\frac{3}{8}$	255	15.992	15 $\frac{3}{4}$	1.873	1 $\frac{7}{8}$	1.172	1 $\frac{1}{4}$
	16.250	16 $\frac{1}{4}$	246	15.947	15 $\frac{3}{4}$	1.813	1 $\frac{1}{2}$	1.127	1 $\frac{1}{8}$
	16.120	16 $\frac{1}{8}$	237	15.911	15 $\frac{3}{4}$	1.748	1 $\frac{3}{4}$	1.091	1 $\frac{3}{8}$
	16.000	16	228	15.865	15 $\frac{3}{4}$	1.688	1 $\frac{1}{2}$	1.045	1 $\frac{3}{8}$
	15.870	15 $\frac{7}{8}$	219	15.830	15 $\frac{3}{4}$	1.623	1 $\frac{5}{8}$	1.010	1 $\frac{3}{8}$
	15.750	15 $\frac{3}{4}$	211	15.800	15 $\frac{3}{4}$	1.563	1 $\frac{5}{8}$	.980	$\frac{3}{4}$
	15.630	15 $\frac{5}{8}$	202	15.751	15 $\frac{3}{4}$	1.503	1 $\frac{1}{2}$	.931	$\frac{3}{4}$
	15.500	15 $\frac{1}{2}$	193	15.713	15 $\frac{3}{4}$	1.438	1 $\frac{5}{8}$	.893	$\frac{3}{4}$
	15.380	15 $\frac{3}{8}$	184	15.665	15 $\frac{3}{4}$	1.378	1 $\frac{3}{8}$	.845	$\frac{3}{4}$
	15.250	15 $\frac{1}{4}$	176	15.642	15 $\frac{3}{4}$	1.313	1 $\frac{5}{8}$	.822	$\frac{3}{4}$
	15.120	15 $\frac{1}{8}$	167	15.602	15 $\frac{3}{4}$	1.248	1 $\frac{1}{4}$	.782	$\frac{3}{4}$
	15.000	15	158	15.550	15 $\frac{3}{4}$	1.188	1 $\frac{5}{8}$	.730	$\frac{3}{4}$
	14.880	14 $\frac{7}{8}$	150	15.520	15 $\frac{3}{4}$	1.128	1 $\frac{1}{8}$	.700	$\frac{3}{4}$
	14.746	14 $\frac{3}{4}$	142	15.500	15 $\frac{1}{2}$	1.051	1 $\frac{1}{8}$.680	$\frac{3}{4}$
	16.810	16 $\frac{1}{8}$	*320	16.710	16 $\frac{1}{4}$	2.093	2 $\frac{1}{8}$	1.890	1 $\frac{3}{4}$

*Core Section.

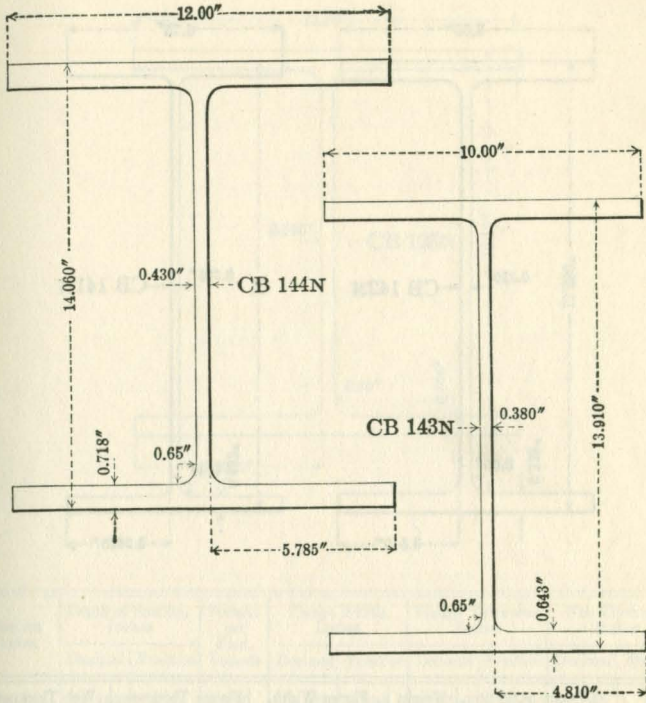
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CB SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 145 N	15.000	15	153	14.828	14 $\frac{11}{16}$	1.188	1 $\frac{1}{8}$	.750	$\frac{3}{4}$
	14.880	14 $\frac{7}{8}$	145	14.789	14 $\frac{11}{16}$	1.128	1 $\frac{1}{8}$	.711	$\frac{11}{16}$
	14.750	14 $\frac{3}{4}$	136	14.740	14 $\frac{11}{16}$	1.063	1 $\frac{1}{8}$	.662	$\frac{11}{16}$
	14.620	14 $\frac{5}{8}$	127	14.690	14 $\frac{11}{16}$	.998	1	.612	$\frac{11}{16}$
	14.500	14 $\frac{1}{2}$	119	14.649	14 $\frac{11}{16}$	.938	$\frac{11}{8}$	.571	$\frac{11}{16}$
	14.370	14 $\frac{3}{8}$	111	14.618	14 $\frac{5}{8}$	.873	$\frac{3}{8}$	.540	$\frac{11}{16}$
	14.250	14 $\frac{1}{4}$	103	14.576	14 $\frac{3}{4}$	.813	$\frac{1}{2}$	.498	$\frac{1}{2}$
	14.120	14 $\frac{1}{8}$	95	14.544	14 $\frac{1}{2}$	.748	$\frac{3}{4}$	.466	$\frac{11}{16}$
	14.000	14	87	14.500	14 $\frac{1}{2}$	.688	$\frac{1}{2}$	.422	$\frac{1}{2}$

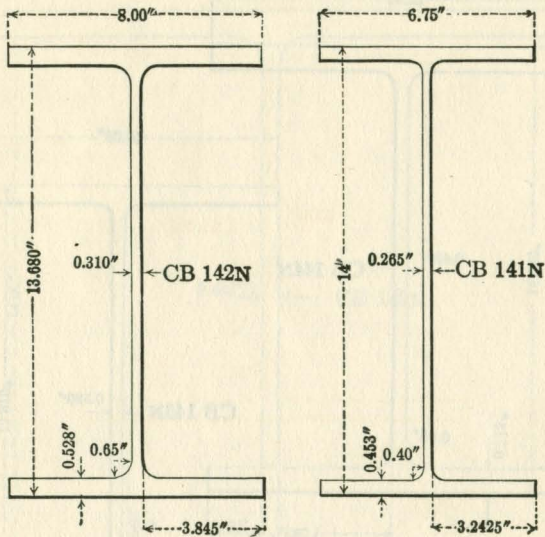
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 144 N	14.180	$14\frac{3}{16}$	84	12.021	$12\frac{1}{8}$	.778	$\frac{31}{32}$	.451	$\frac{21}{32}$
	14.060	$14\frac{1}{16}$	78	12.000	12	.718	$\frac{31}{32}$	.430	$\frac{7}{16}$
CB 143 N	14.190	$14\frac{3}{16}$	74	10.071	$10\frac{5}{8}$	.783	$\frac{31}{32}$	.451	$\frac{21}{32}$
	14.060	$14\frac{1}{16}$	68	10.040	$10\frac{3}{8}$.718	$\frac{31}{32}$.420	$\frac{21}{32}$
	13.910	$13\frac{21}{32}$	61	10.000	10	.643	$\frac{21}{32}$.380	$\frac{3}{8}$

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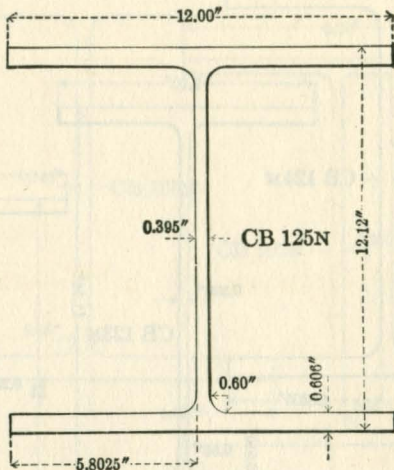
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 142 N	14.060	14 $\frac{1}{16}$	58	8.096	8 $\frac{3}{8}$	.718	$\frac{3}{16}$	.406	$\frac{1}{4}$
	13.940	13 $\frac{1}{8}$	53	8.060	8 $\frac{1}{16}$	.658	$\frac{3}{16}$	.370	$\frac{3}{8}$
	13.810	13 $\frac{1}{8}$	48	8.030	8 $\frac{1}{2}$	.593	$\frac{1}{4}$	.340	$\frac{1}{2}$
	13.680	13 $\frac{1}{8}$	43	8.000	8	.528	$\frac{1}{2}$	.310	$\frac{1}{4}$
CB 141 N	14.250	14 $\frac{1}{4}$	42	6.818	6 $\frac{1}{8}$	.578	$\frac{1}{4}$	.333	$\frac{1}{4}$
	14.120	14 $\frac{1}{8}$	37	6.776	6 $\frac{3}{8}$	.513	$\frac{1}{4}$	.291	$\frac{1}{4}$
	14.000	14	33	6.750	6 $\frac{3}{4}$	.453	$\frac{1}{4}$	.265	$\frac{1}{4}$
	13.880	13 $\frac{7}{8}$	30	6.745	6 $\frac{3}{4}$	.393	$\frac{1}{4}$	.260	$\frac{1}{4}$

BEAMS

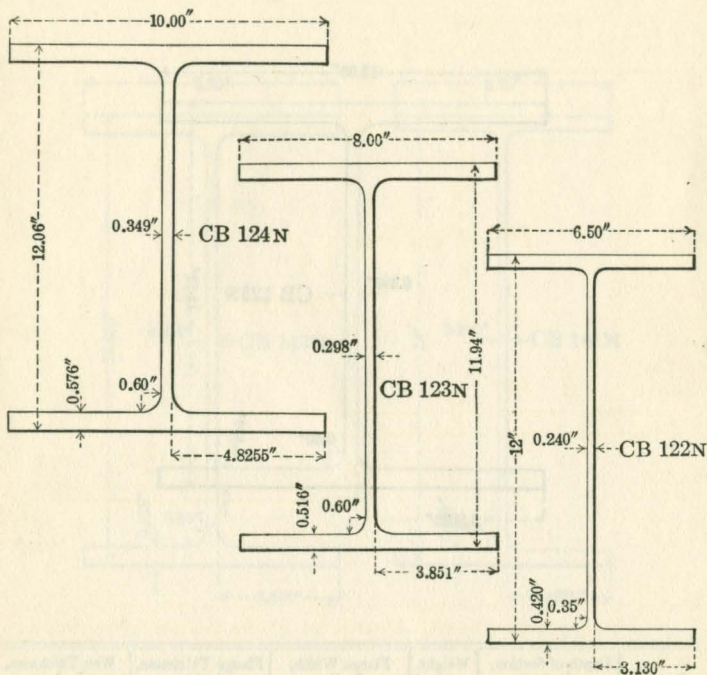
CB SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 125 N	14.380	14 $\frac{3}{8}$	190	12.671	12 $\frac{1}{4}$	1.736	1 $\frac{1}{4}$	1.066	1 $\frac{1}{16}$
	14.120	14 $\frac{1}{8}$	176	12.613	12 $\frac{1}{4}$	1.606	1 $\frac{1}{4}$	1.008	1 $\frac{1}{16}$
	14.000	14	169	12.574	12 $\frac{1}{4}$	1.546	1 $\frac{1}{4}$	.969	$\frac{3}{16}$
	13.880	13 $\frac{7}{8}$	161	12.513	12 $\frac{1}{4}$	1.486	1 $\frac{1}{4}$	.908	$\frac{3}{16}$
	13.750	13 $\frac{3}{4}$	154	12.481	12 $\frac{1}{4}$	1.421	1 $\frac{1}{4}$	.876	$\frac{1}{8}$
	13.620	13 $\frac{5}{8}$	147	12.449	12 $\frac{1}{4}$	1.356	1 $\frac{1}{4}$	.844	$\frac{3}{16}$
	13.500	13 $\frac{1}{2}$	140	12.407	12 $\frac{1}{4}$	1.296	1 $\frac{1}{4}$	.802	$\frac{3}{16}$
	13.380	13 $\frac{3}{8}$	133	12.365	12 $\frac{1}{4}$	1.236	1 $\frac{1}{4}$	.760	$\frac{3}{16}$
	13.250	13 $\frac{1}{4}$	126	12.331	12 $\frac{1}{4}$	1.171	1 $\frac{1}{4}$	.726	$\frac{3}{16}$
	13.120	13 $\frac{1}{8}$	120	12.318	12 $\frac{1}{8}$	1.106	1 $\frac{1}{4}$	.713	$\frac{3}{16}$
	13.000	13	113	12.274	12 $\frac{3}{8}$	1.046	1 $\frac{1}{4}$	.669	$\frac{3}{16}$
	12.880	12 $\frac{7}{8}$	106	12.228	12 $\frac{1}{4}$	.986	$\frac{3}{4}$	.623	$\frac{1}{8}$
	12.750	12 $\frac{3}{4}$	99	12.191	12 $\frac{1}{4}$	.921	$\frac{3}{4}$	.586	$\frac{1}{8}$
	12.620	12 $\frac{5}{8}$	92	12.154	12 $\frac{3}{8}$	.856	$\frac{3}{4}$	.549	$\frac{1}{8}$
	12.500	12 $\frac{1}{2}$	85	12.106	12 $\frac{3}{8}$	.796	$\frac{3}{4}$	.501	$\frac{1}{2}$
	12.380	12 $\frac{3}{8}$	79	12.081	12 $\frac{3}{4}$	.736	$\frac{3}{4}$	.476	$\frac{1}{8}$
	12.250	12 $\frac{1}{4}$	72	12.041	12 $\frac{3}{4}$.671	$\frac{3}{4}$.436	$\frac{1}{16}$
	12.120	12 $\frac{1}{8}$	65	12.000	12	.606	$\frac{3}{4}$.395	$\frac{3}{16}$

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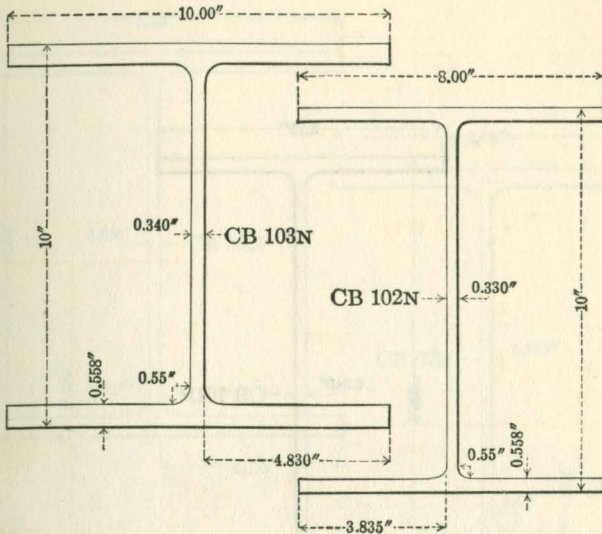
CB SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 124 N	12.310	$12\frac{5}{16}$	64	10.060	$10\frac{1}{16}$	.701	$\frac{45}{64}$	.409	$\frac{33}{64}$
	12.190	$12\frac{3}{8}$	58	10.014	$10\frac{3}{16}$	.641	$\frac{41}{64}$	.363	$\frac{23}{64}$
	12.060	$12\frac{1}{8}$	53	10.000	10	.576	$\frac{37}{64}$	.349	$\frac{31}{64}$
CB 123 N	12.190	$12\frac{3}{8}$	50	8.077	$8\frac{5}{16}$	.641	$\frac{41}{64}$	.375	$\frac{3}{8}$
	12.060	$12\frac{1}{8}$	45	8.042	$8\frac{3}{16}$	.576	$\frac{37}{64}$	.340	$\frac{11}{32}$
	11.940	$11\frac{11}{16}$	40	8.000	8	.516	$\frac{33}{64}$	.298	$\frac{19}{64}$
CB 122 N	12.250	$12\frac{1}{4}$	36	6.560	$6\frac{9}{16}$	.545	$\frac{35}{64}$	.300	$\frac{19}{64}$
	12.120	$12\frac{1}{2}$	32	6.535	$6\frac{11}{16}$	.490	$\frac{31}{64}$	.275	$\frac{3}{8}$
	12.000	12	28	6.500	$6\frac{1}{2}$	.420	$\frac{27}{64}$	.240	$\frac{15}{64}$
	11.868	$11\frac{7}{8}$	25	6.500	$6\frac{1}{2}$	.354	$\frac{23}{64}$	.240	$\frac{15}{64}$

BEAMS

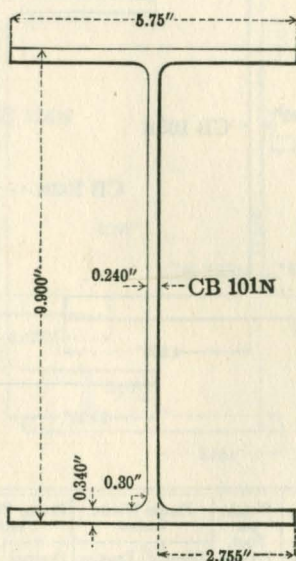
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 103 N	11.880	117 ⁷ / ₈	136	10.575	10 ¹¹ / ₁₆	1.498	1 ¹ / ₂	.915	8 ³ / ₁₆
	11.750	11 ³ / ₄	130	10.540	10 ⁵ / ₈	1.433	1 ¹ / ₁₆	.890	7 ⁷ / ₈
	11.620	11 ⁵ / ₈	124	10.505	10 ¹ / ₂	1.368	1 ³ / ₈	.845	8 ¹ / ₂
	11.500	11 ¹ / ₂	118	10.461	10 ¹ / ₂	1.308	1 ¹ / ₈	.801	8 ¹ / ₂
	11.380	11 ³ / ₈	112	10.416	10 ³ / ₄	1.248	1 ¹ / ₄	.756	7 ³ / ₄
	11.250	11 ¹ / ₄	106	10.380	10 ³ / ₈	1.183	1 ¹ / ₁₆	.720	7 ³ / ₈
	11.120	11 ¹ / ₈	100	10.345	10 ¹ / ₂	1.118	1 ¹ / ₈	.685	7 ¹ / ₈
	11.000	11	95	10.322	10 ¹ / ₂	1.058	1 ¹ / ₁₆	.662	7 ¹ / ₈
	10.880	10 ⁷ / ₈	89	10.275	10 ³ / ₂	.998	1	.615	7 ¹ / ₈
	10.750	10 ³ / ₄	83	10.235	10 ⁵ / ₈	.933	1 ¹ / ₈	.575	6 ¹ / ₂
	10.620	10 ⁵ / ₈	77	10.195	10 ¹ / ₂	.868	7 ⁷ / ₈	.535	6 ¹ / ₂
	10.500	10 ¹ / ₂	72	10.170	10 ¹ / ₂	.808	1 ¹ / ₈	.510	6 ¹ / ₂
	10.380	10 ³ / ₈	66	10.120	10 ¹ / ₈	.748	7 ³ / ₄	.460	6 ¹ / ₂
	10.250	10 ¹ / ₄	60	10.075	10 ³ / ₁₆	.683	1 ¹ / ₄	.415	6 ¹ / ₂
	10.120	10 ¹ / ₈	54	10.030	10 ³ / ₂	.618	5 ⁷ / ₈	.370	6 ¹ / ₂
10.000	10	49	10.000	10	.558	1 ¹ / ₁₆	.340	6 ¹ / ₂	
CB 102 N	10.120	10 ¹ / ₈	45	8.020	8 ¹ / ₁₆	.618	5 ⁷ / ₈	.350	11 ³ / ₁₆
	10.000	10	41	8.000	8	.558	1 ¹ / ₁₆	.330	11 ³ / ₁₆
	9.880	9 ⁷ / ₈	37	7.975	7 ¹ / ₂	.498	1 ¹ / ₂	.305	11 ³ / ₁₆
	9.750	9 ³ / ₄	33	7.965	7 ¹ / ₂	.433	1 ¹ / ₁₆	.295	11 ³ / ₁₆

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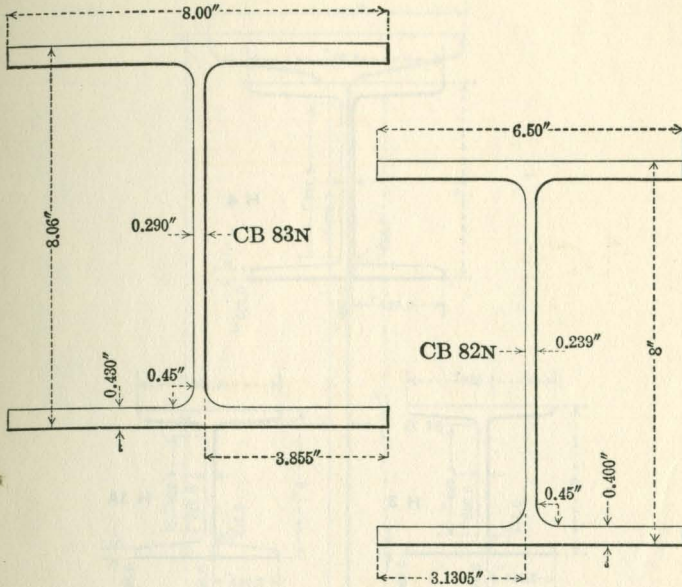
C B SECTIONS—Continued



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 101 N	10.240	10 $\frac{1}{4}$	29	5.789	5 $\frac{3}{4}$	.510	$\frac{3}{4}$	.279	$\frac{3}{8}$
	10.120	10 $\frac{1}{8}$	26	5.770	5 $\frac{11}{16}$	.450	$\frac{2}{3}$	.260	$\frac{1}{4}$
	10.000	10	23	5.750	5 $\frac{3}{4}$	.390	$\frac{2}{3}$	.240	$\frac{1}{4}$
	9.900	9 $\frac{3}{4}$	21	5.750	5 $\frac{3}{4}$	.340	$\frac{1}{2}$	.240	$\frac{1}{4}$

BEAMS

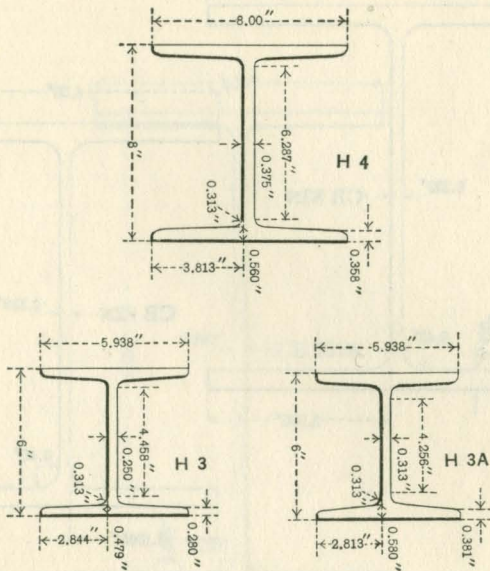
C B SECTIONS—Concluded



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
CB 83 N	9.062	$9\frac{1}{16}$	67	8.285	$8\frac{3}{32}$	.931	$\frac{11}{16}$	.575	$\frac{31}{64}$
	8.942	$8\frac{11}{16}$	62	8.230	$8\frac{1}{4}$	.871	$\frac{7}{8}$	.520	$\frac{33}{64}$
	8.810	$8\frac{1}{8}$	58	8.220	$8\frac{1}{8}$	.805	$\frac{11}{16}$	.510	$\frac{31}{64}$
	8.678	$8\frac{5}{16}$	53	8.175	$8\frac{1}{4}$	.739	$\frac{47}{64}$	.465	$\frac{15}{32}$
	8.562	$8\frac{1}{8}$	48	8.115	$8\frac{1}{4}$	.681	$\frac{11}{16}$	.405	$\frac{13}{32}$
	8.442	$8\frac{1}{8}$	44	8.090	$8\frac{3}{32}$	.621	$\frac{5}{8}$	.380	$\frac{3}{8}$
	8.312	$8\frac{1}{8}$	40	8.075	$8\frac{1}{4}$	.556	$\frac{1}{8}$	.365	$\frac{23}{64}$
	8.182	$8\frac{1}{8}$	35	8.025	$8\frac{3}{32}$	.491	$\frac{31}{64}$	.315	$\frac{1}{8}$
	8.124	$8\frac{1}{8}$	33	8.010	$8\frac{1}{4}$	.462	$\frac{15}{32}$	.300	$\frac{11}{32}$
	8.060	$8\frac{1}{8}$	31	8.000	8	.430	$\frac{1}{8}$	.290	$\frac{11}{32}$
CB 82 N	8.196	$8\frac{1}{8}$	30	6.559	$6\frac{1}{8}$	.498	$\frac{1}{2}$	.298	$\frac{11}{32}$
	8.098	$8\frac{3}{32}$	27	6.529	$6\frac{1}{8}$	.449	$\frac{23}{64}$	.268	$\frac{11}{32}$
	8.000	8	24	6.500	$6\frac{1}{2}$	.400	$\frac{15}{32}$	.239	$\frac{11}{32}$

ILLINOIS STEEL COMPANY

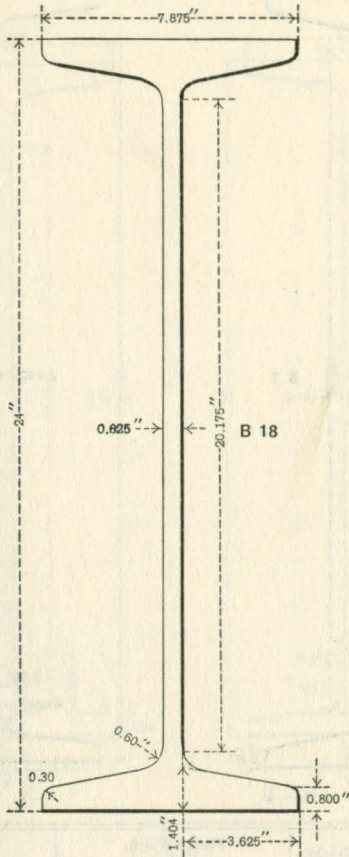
H-BEAMS



Section Index	Depth of Section, Inches		Weight per Foot, Pounds	Flange Width, Inches		Flange Thickness, Inches		Web Thickness, Inches	
	Decimal	Fraction		Decimal	Fraction	Decimal	Fraction	Decimal	Fraction
H 4	8	8	37.7	8.125	8 $\frac{1}{8}$	0.459	$\frac{21}{4}$	0.500	$\frac{1}{2}$
			34.3	8.008	8			0.375	$\frac{3}{8}$
			32.6	7.938	7 $\frac{11}{16}$			0.313	$\frac{1}{8}$
H 3 A	6	6	27.5	6.063	6 $\frac{1}{16}$	0.481	$\frac{21}{4}$	0.438	$\frac{11}{16}$
			25.0	5.938	5 $\frac{11}{16}$			0.313	$\frac{1}{8}$
H 3	6	6	22.5	6.063	6 $\frac{1}{16}$	0.379	$\frac{3}{8}$	0.375	$\frac{3}{8}$
			20.0	5.938	5 $\frac{11}{16}$			0.250	$\frac{1}{4}$

BEAMS

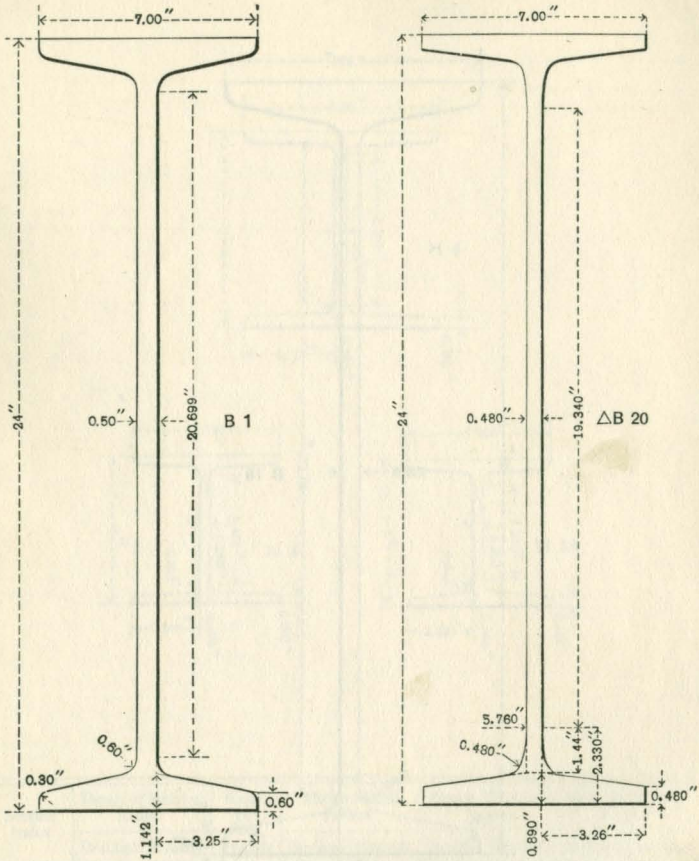
STRUCTURAL BEAMS



Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 18	24	120.0	8.048	$8\frac{1}{16}$	0.798	$\frac{11}{14}$
		115.0	7.987	$7\frac{3}{4}$	0.787	$\frac{11}{14}$
		110.0	7.925	$7\frac{3}{4}$	0.675	$\frac{11}{16}$
		105.9	7.875	$7\frac{7}{8}$	0.625	$\frac{5}{8}$

ILLINOIS STEEL COMPANY

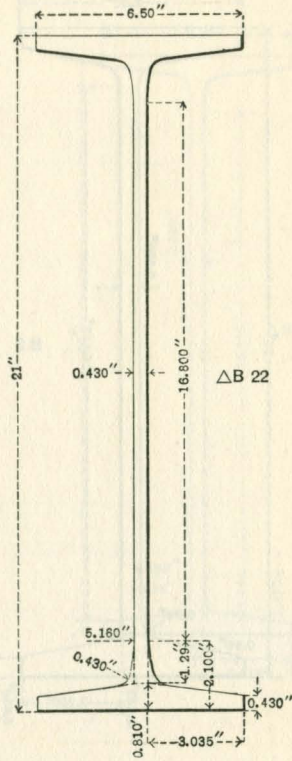
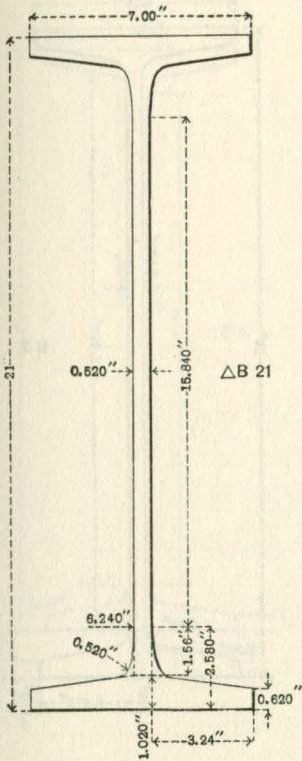
STRUCTURAL BEAMS—Continued



Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 1	24	100.0	7.247	$7\frac{1}{4}$	0.747	$\frac{5}{8}$
		95.0	7.186	$7\frac{3}{8}$	0.686	$\frac{1}{2}$
		90.0	7.124	$7\frac{1}{2}$	0.624	$\frac{5}{8}$
		85.0	7.063	$7\frac{1}{8}$	0.563	$\frac{3}{8}$
		79.9	7.000	7	0.500	$\frac{1}{2}$
ΔB 20	24	71.0	7.000	7	0.480	$\frac{3}{4}$

ΔSpecial Light Weight Beam.

STRUCTURAL BEAMS—Continued

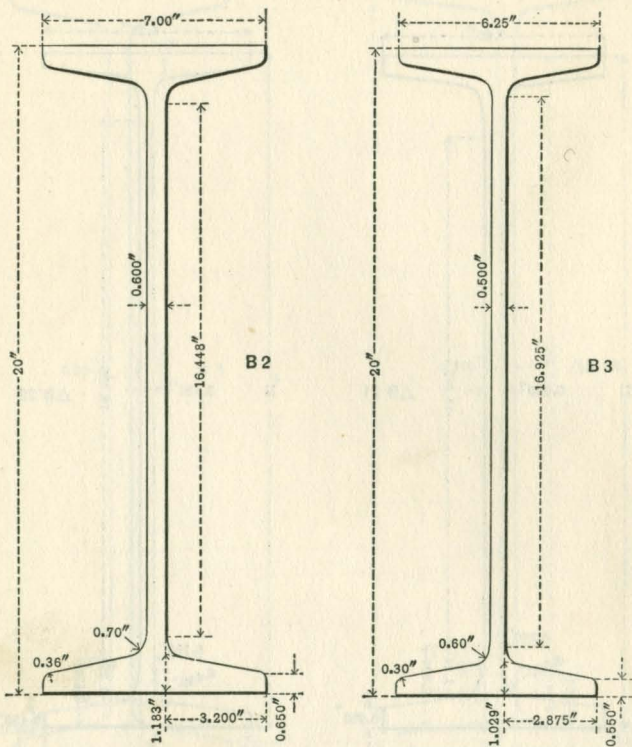


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
ΔB 21	21	75.0	7.00	7	0.520	$\frac{13}{25}$
ΔB 22	21	58.0	6.50	$6\frac{1}{2}$	0.430	$\frac{1}{2}$

ΔSpecial Light Weight Beam.

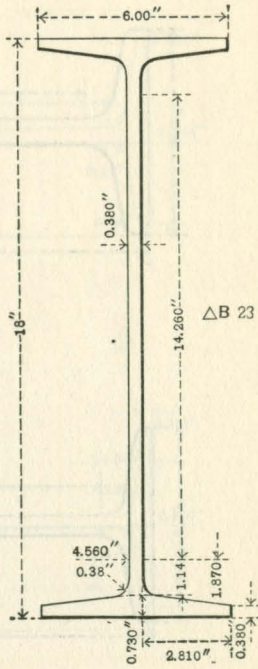
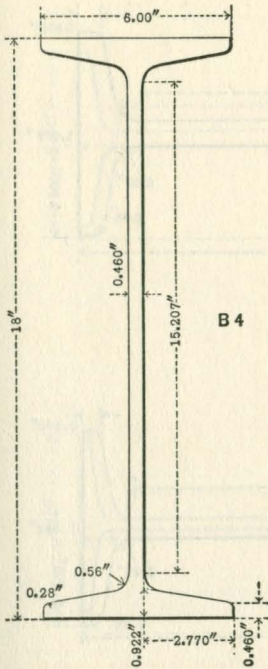
ILLINOIS STEEL COMPANY

STRUCTURAL BEAMS—Continued



Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 2	20	100.0	7.273	$7\frac{11}{64}$	0.873	$7\frac{1}{8}$
		95.0	7.200	$7\frac{3}{4}$	0.800	$7\frac{1}{8}$
		90.0	7.126	$7\frac{1}{8}$	0.726	$7\frac{1}{8}$
		85.0	7.053	$7\frac{3}{8}$	0.653	$7\frac{1}{8}$
		81.4	7.000	7	0.600	$7\frac{1}{8}$
B 3	20	75.0	6.391	$6\frac{3}{8}$	0.641	$6\frac{1}{8}$
		70.0	6.317	$6\frac{1}{8}$	0.567	$6\frac{1}{8}$
		65.4	6.250	$6\frac{1}{4}$	0.500	$6\frac{1}{8}$

STRUCTURAL BEAMS—Continued

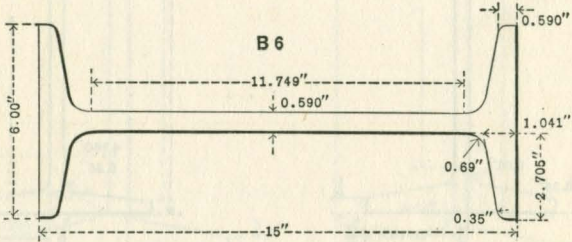
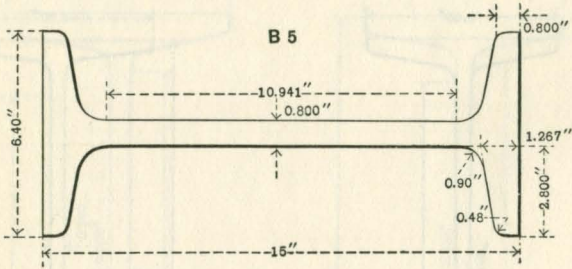


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 4	18	70.0	6.251	6 $\frac{1}{4}$	0.711	$\frac{23}{32}$
		65.0	6.169	6 $\frac{1}{8}$	0.629	$\frac{21}{32}$
		60.0	6.087	6 $\frac{3}{8}$	0.547	$\frac{19}{32}$
		54.7	6.000	6	0.460	$\frac{15}{32}$
ΔB 23	18	46.0	6.00	6	0.380	$\frac{3}{8}$

ΔSpecial Light Weight Beam.

ILLINOIS STEEL COMPANY

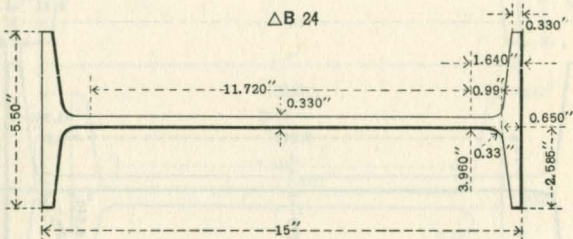
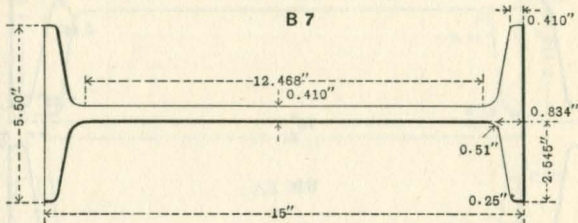
STRUCTURAL BEAMS—Continued



Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 5	15	100.0	6.767	6 $\frac{1}{2}$	1.167	1 $\frac{1}{4}$
		95.0	6.668	6 $\frac{1}{4}$	1.068	1 $\frac{1}{8}$
		90.0	6.570	6 $\frac{1}{4}$	0.970	$\frac{3}{4}$
		85.0	6.472	6 $\frac{1}{8}$	0.872	$\frac{7}{8}$
		81.3	6.400	6 $\frac{1}{2}$	0.800	$\frac{3}{4}$
B 6	15	75.0	6.278	6 $\frac{3}{8}$	0.868	$\frac{7}{8}$
		70.0	6.180	6 $\frac{1}{4}$	0.770	$\frac{3}{4}$
		65.0	6.082	6 $\frac{1}{8}$	0.672	$\frac{3}{4}$
		60.8	6.000	6	0.590	$\frac{3}{4}$

BEAMS

STRUCTURAL BEAMS—Continued

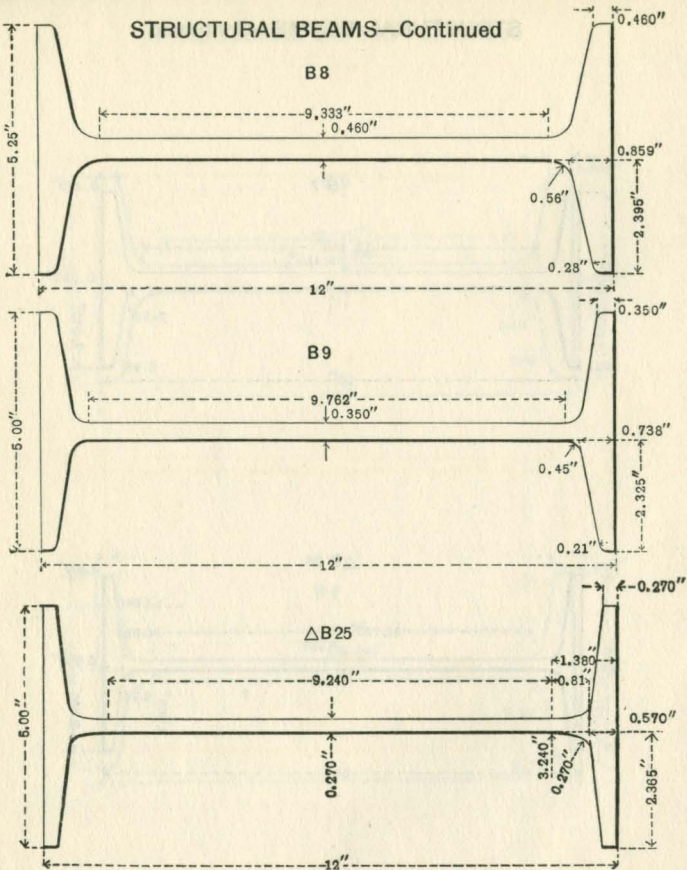


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 7	15	55.0	5.738	5 $\frac{1}{2}$	0.648	$\frac{41}{64}$
		50.0	5.640	5 $\frac{1}{4}$	0.550	$\frac{35}{64}$
		45.0	5.542	5 $\frac{3}{4}$	0.452	$\frac{29}{64}$
		42.9	5.500	5 $\frac{1}{2}$	0.410	$\frac{33}{80}$
△B 24	15	35.0	5.50	5 $\frac{1}{2}$	0.330	$\frac{21}{64}$

△Special Light Weight Beam.

ILLINOIS STEEL COMPANY

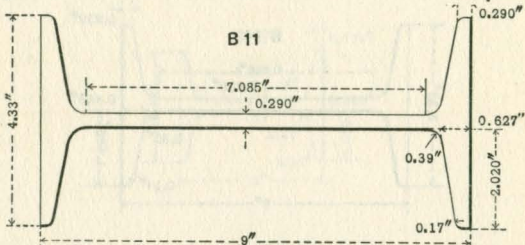
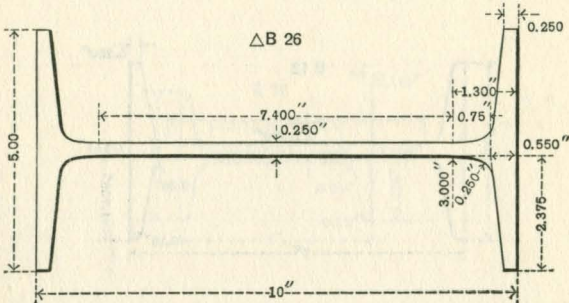
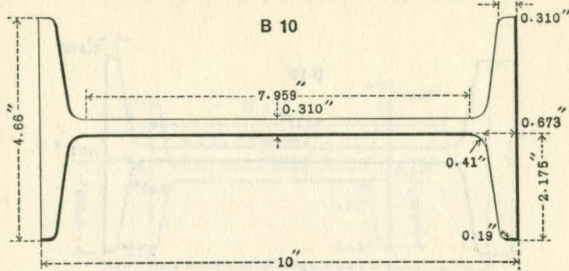
STRUCTURAL BEAMS—Continued



Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 8	12	55.0	5.600	$5\frac{13}{16}$	0.810	$\frac{11}{16}$
		50.0	5.477	$5\frac{11}{16}$	0.687	$\frac{11}{16}$
		45.0	5.355	$5\frac{9}{16}$	0.565	$\frac{11}{16}$
		40.8	5.250	$5\frac{1}{4}$	0.460	$\frac{11}{16}$
B 9	12	35.0	5.078	$5\frac{3}{4}$	0.428	$\frac{21}{32}$
		31.8	5.000	5	0.350	$\frac{17}{32}$
ΔB 25	12	25.0	5.00	5	0.270	$\frac{11}{16}$

ΔSpecial Light Weight Beam.

STRUCTURAL BEAMS—Continued

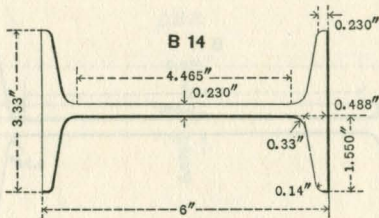
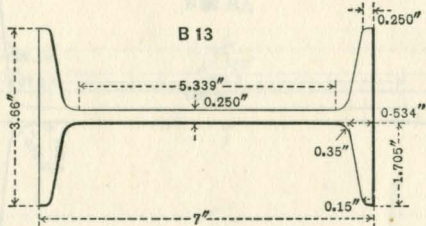
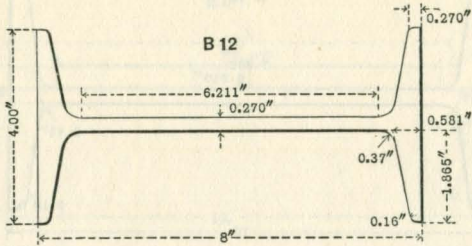


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 10	10	40.0	5.091	$5\frac{3}{32}$	0.741	$\frac{47}{64}$
		35.0	4.944	$4\frac{11}{16}$	0.594	$\frac{19}{32}$
		30.0	4.797	$4\frac{11}{16}$	0.447	$\frac{29}{64}$
		25.4	4.660	$4\frac{11}{16}$	0.310	$\frac{1}{8}$
ΔB 26	10	22.0	5.00	5	0.250	$\frac{1}{4}$
B 11	9	35.0	4.764	$4\frac{11}{16}$	0.724	$\frac{23}{32}$
		30.0	4.601	$4\frac{13}{16}$	0.561	$\frac{9}{16}$
		25.0	4.437	$4\frac{1}{8}$	0.397	$\frac{13}{32}$
		21.8	4.330	$4\frac{1}{8}$	0.290	$\frac{11}{64}$

ΔSpecial Light Weight Beam.

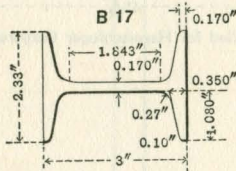
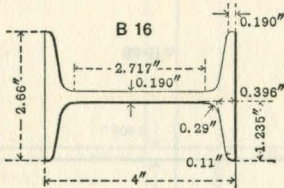
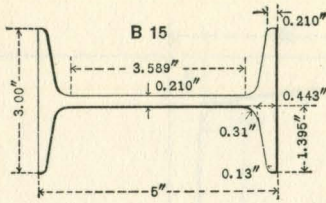
ILLINOIS STEEL COMPANY

STRUCTURAL BEAMS—Continued



Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 12	8	25.5	4.262	4 $\frac{1}{4}$	0.532	$\frac{1}{2}$
		23.0	4.171	4 $\frac{1}{4}$	0.441	$\frac{1}{2}$
		20.5	4.079	4 $\frac{1}{4}$	0.349	$\frac{1}{2}$
		18.4	4.000	4	0.270	$\frac{1}{4}$
B 13	7	20.0	3.860	3 $\frac{3}{4}$	0.450	$\frac{2}{4}$
		17.5	3.755	3 $\frac{3}{4}$	0.345	$\frac{1}{4}$
		15.3	3.660	3 $\frac{3}{4}$	0.250	$\frac{1}{4}$
B 14	6	17.25	3.565	3 $\frac{9}{16}$	0.465	$\frac{15}{32}$
		14.75	3.443	3 $\frac{7}{16}$	0.343	$\frac{1}{4}$
		12.5	3.330	3 $\frac{1}{4}$	0.230	$\frac{1}{4}$

STRUCTURAL BEAMS—Concluded

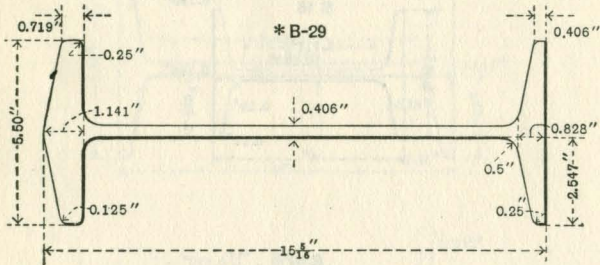


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 15	5	14.75	3.284	$3\frac{2}{3}$	0.494	$\frac{1}{2}$
		12.25	3.137	$3\frac{1}{8}$	0.347	$\frac{1}{4}$
		10.0	3.000	3	0.210	$\frac{1}{4}$
B 16	4	10.5	2.870	$2\frac{7}{8}$	0.400	$\frac{13}{32}$
		9.5	2.796	$2\frac{3}{4}$	0.326	$\frac{1}{4}$
		8.5	2.723	$2\frac{3}{8}$	0.253	$\frac{1}{4}$
		7.7	2.660	$2\frac{1}{2}$	0.190	$\frac{3}{16}$
B 17	3	7.5	2.509	$2\frac{1}{2}$	0.349	$\frac{11}{32}$
		6.5	2.411	$2\frac{1}{8}$	0.251	$\frac{1}{4}$
		5.7	2.330	$2\frac{1}{4}$	0.170	$\frac{1}{4}$

ILLINOIS STEEL COMPANY

SPECIAL STRUCTURAL BEAMS

MONO-RAIL BEAM



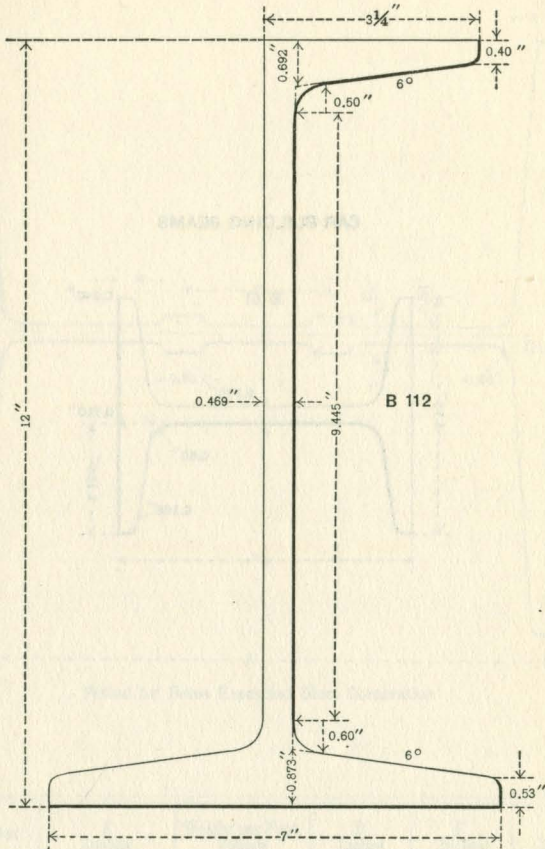
Rolled for Harnischfeger Corporation

Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
*B 29	15 ¹ / ₈	48.7	5.500	5 ¹ / ₂	0.406	¹ / ₂

*Furnished only by special arrangement.

CAR BUILDING BEAMS

CENTER SILL

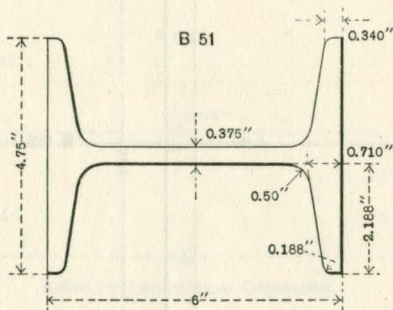


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 112	12	40.3	7.00	7	0.469	$\frac{11}{24}$

ILLINOIS STEEL COMPANY

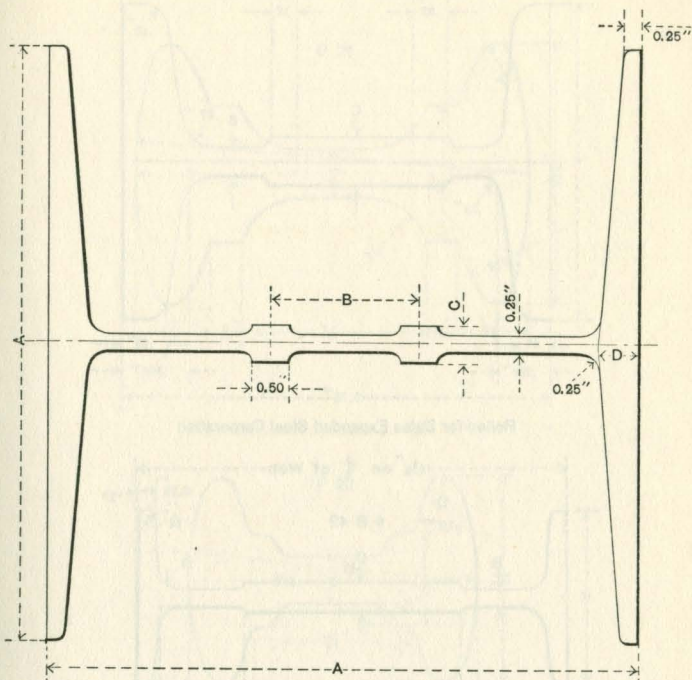
MISCELLANEOUS BEAMS—STRUCTURAL SIZES

CAR BUILDING BEAMS



Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 51	6	23.9	4.750	4 $\frac{3}{4}$	0.375	$\frac{3}{8}$

"H" BEAMS



Rolled for Bates Expanded Steel Corporation

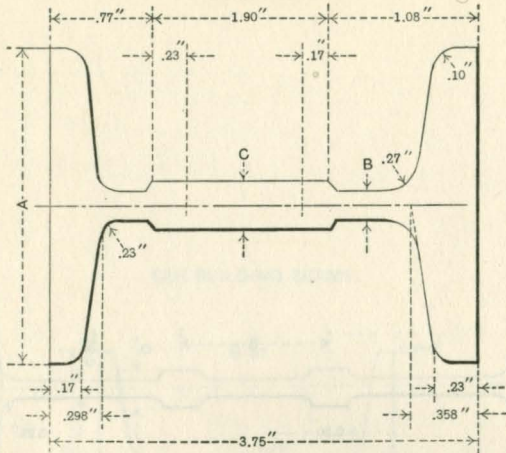
Section Index	A Inches	Weight per Foot, Pounds	B Inches	C Inches	D Inches
*H 55	7	24.89	1.75	0.47	0.53
*H 54	6	20.20	1.50	0.44	0.48
*H 53	5	16.12	1.25	0.37	0.45
*H 52	4	12.30	1.00	0.34	0.41

*Furnished only by special arrangement.

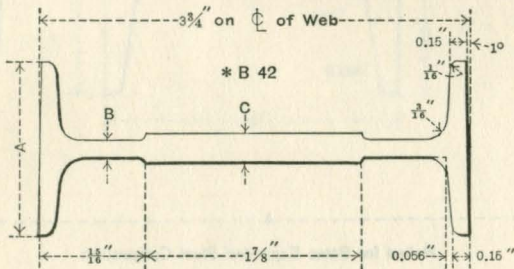
ILLINOIS STEEL COMPANY

SPECIAL BEAMS

* B 41



Rolled for Bates Expanded Steel Corporation



Rolled for Bates Expanded Steel Corporation

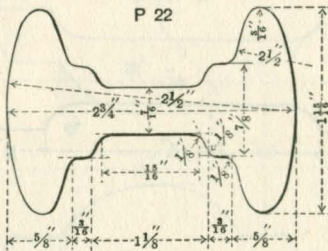
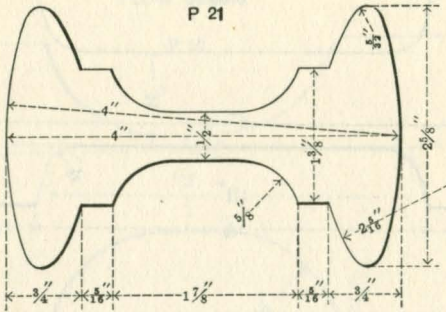
Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	A Flange Width, Inches	B Web Thickness, Inches	C Web Thickness, Inches
*B 41	3.75	5.04	1.781	.170	.230
	5.78	5.78	1.828	.230	.290
	3.75	6.38	1.875	.275	.335
	3.75	6.97	1.922	.320	.380
	3.75	7.98	2.000	.400	.460
*B 42	3.75	4.22	1.50	.15	.24
	3.75	5.11	1.57	.22	.31
	3.75	6.39	1.67	.32	.41

*Furnished only by special arrangement.

BEAMS

AGRICULTURAL BEAMS

PLOW BEAMS

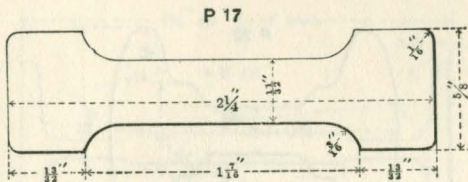
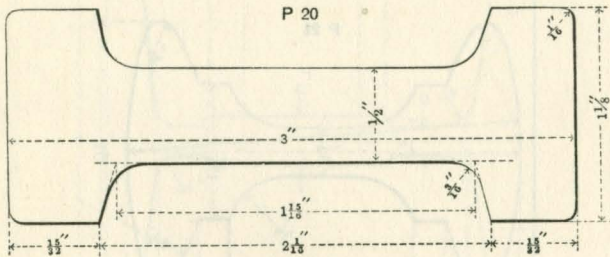


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 21	4	3 1/8	1	24.6
	4	2 7/8	3/4	21.2
	4	2 5/8	1/2	17.8
P 22	2 3/4	2 1/4	3/4	12.6
	2 3/4	2 1/8	1 1/8	12.0
	2 3/4	2 1/8	5/8	11.4
	2 3/4	2	1/2	10.2
	2 3/4	1 11/8	1/8	9.7

ILLINOIS STEEL COMPANY

AGRICULTURAL BEAMS—Continued

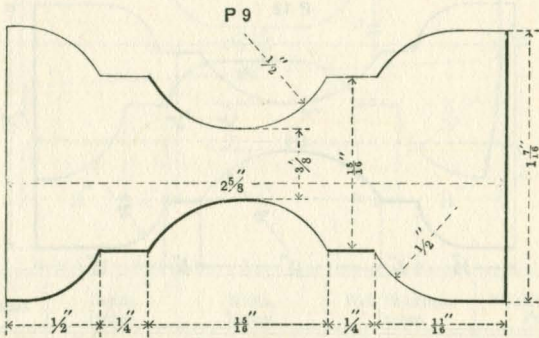
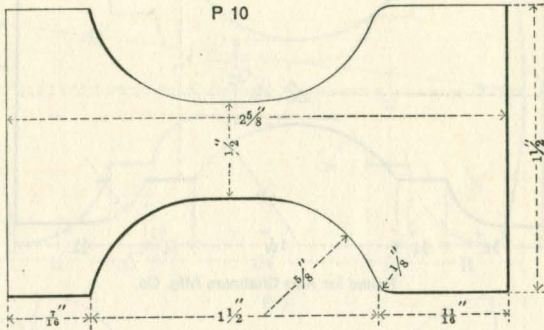
PLOW BEAMS



Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 20	3	1 1/2	3/8	11.1
	3	1 3/8	3/4	9.8
	3	1 1/4	5/8	8.5
	3	1 1/8	1/2	7.3
P 17	2 1/4	1 1/8	1/8	3.9
	2 1/4	5/8	1/8	3.5

AGRICULTURAL BEAMS—Continued

PLOW BEAMS

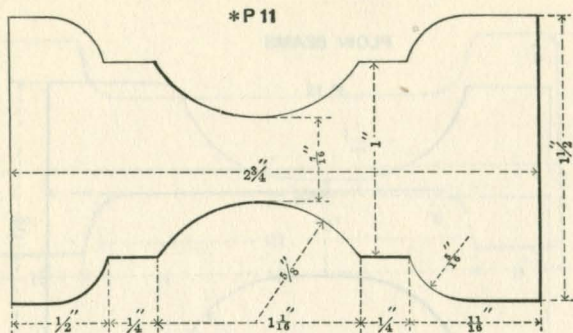


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 10	2 ⁵ / ₈	1 ¹ / ₂	1/2	9.2
P 9	2 ⁵ / ₈	1 ¹ / ₂	1/8	9.1

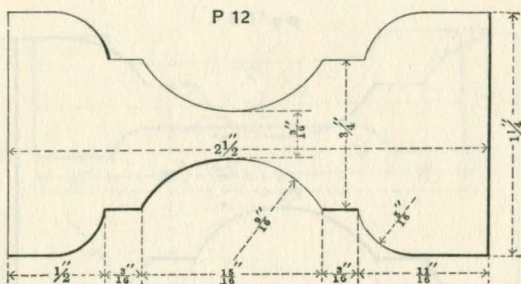
ILLINOIS STEEL COMPANY

AGRICULTURAL BEAMS—Continued

PLOW BEAMS



Rolled for Allis Chalmers Mfg. Co.

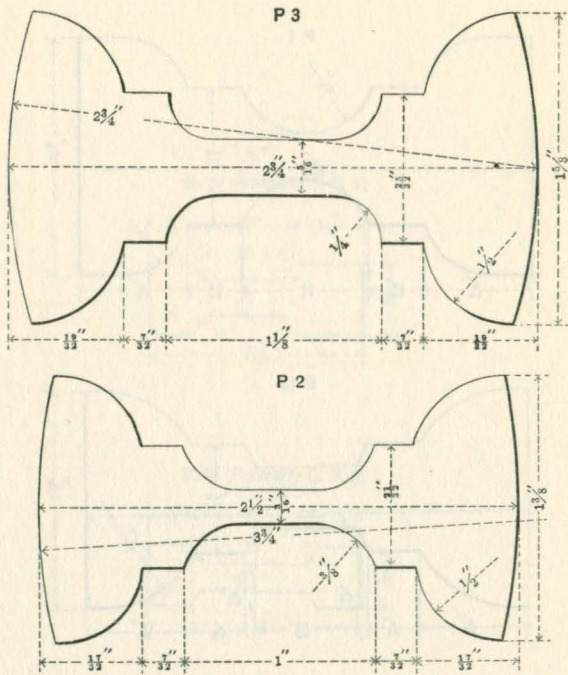


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
*P 11	2 3/4	1 7/8	1/8	13.1
	2 3/4	1 3/4	1/8	11.9
	2 3/4	1 5/8	1/8	10.8
P 12	2 1/2	1 5/8	3/16	10.0
	2 1/2	1 1/2	3/16	8.9
	2 1/2	1 3/8	3/16	7.9
	2 1/2	1 1/4	3/16	6.8

*Furnished only by special arrangement.

AGRICULTURAL BEAMS—Continued

PLOW BEAMS

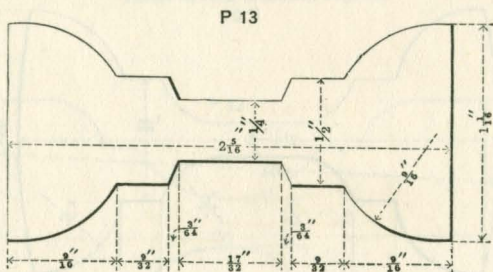
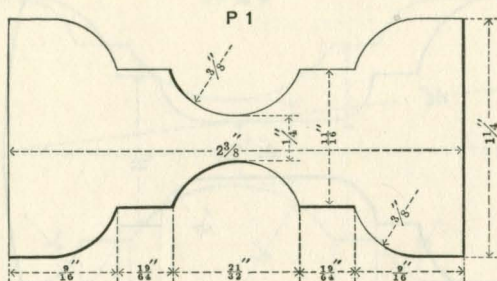


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 3	$2\frac{3}{4}$	$2\frac{1}{4}$	$\frac{1}{8}$	13.8
	$2\frac{3}{4}$	$2\frac{7}{8}$	$\frac{1}{8}$	12.7
	$2\frac{3}{4}$	2	$\frac{1}{8}$	11.5
	$2\frac{3}{4}$	$1\frac{7}{8}$	$\frac{1}{8}$	10.3
	$2\frac{3}{4}$	$1\frac{3}{4}$	$\frac{1}{8}$	9.2
	$2\frac{3}{4}$	$1\frac{1}{2}$	$\frac{1}{8}$	8.3
	$2\frac{3}{4}$	$1\frac{5}{8}$	$\frac{1}{8}$	8.0
P 2	$2\frac{1}{2}$	2	$\frac{1}{8}$	11.2
	$2\frac{1}{2}$	$1\frac{7}{8}$	$\frac{1}{8}$	10.2
	$2\frac{1}{2}$	$1\frac{3}{4}$	$\frac{1}{8}$	9.1
	$2\frac{1}{2}$	$1\frac{5}{8}$	$\frac{1}{8}$	8.0
	$2\frac{1}{2}$	$1\frac{1}{2}$	$\frac{3}{8}$	7.5
	$2\frac{1}{2}$	$1\frac{1}{2}$	$\frac{1}{8}$	7.0
	$2\frac{1}{2}$	$1\frac{3}{8}$	$\frac{1}{8}$	5.9

ILLINOIS STEEL COMPANY

AGRICULTURAL BEAMS—Continued

PLOW BEAMS



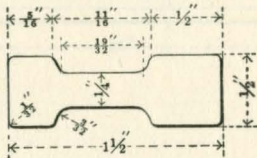
Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 1	$2\frac{3}{8}$	$1\frac{3}{8}$	$\frac{5}{8}$	9.6
	$2\frac{3}{8}$	$1\frac{1}{2}$	$\frac{1}{2}$	8.6
	$2\frac{3}{8}$	$1\frac{3}{8}$	$\frac{3}{8}$	7.6
	$2\frac{3}{8}$	$1\frac{1}{4}$	$\frac{1}{4}$	6.6
P 13	$2\frac{1}{8}$	$1\frac{1}{4}$	$\frac{7}{16}$	6.5
	$2\frac{1}{8}$	$1\frac{1}{8}$	$\frac{3}{8}$	6.0
	$2\frac{1}{8}$	$1\frac{1}{8}$	$\frac{1}{8}$	5.5
	$2\frac{1}{8}$	$1\frac{1}{8}$	$\frac{1}{4}$	5.0

BEAMS

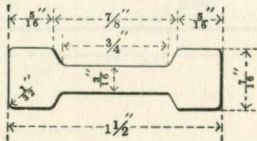
AGRICULTURAL BEAMS—Concluded

CULTIVATOR BEAMS

B. 33 (Formerly C. B. 1)



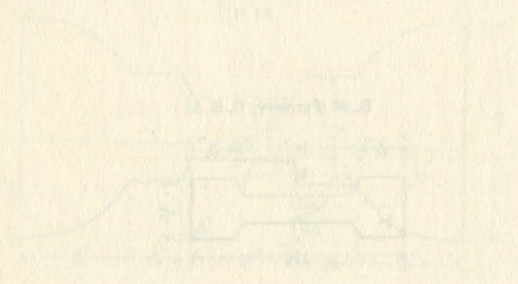
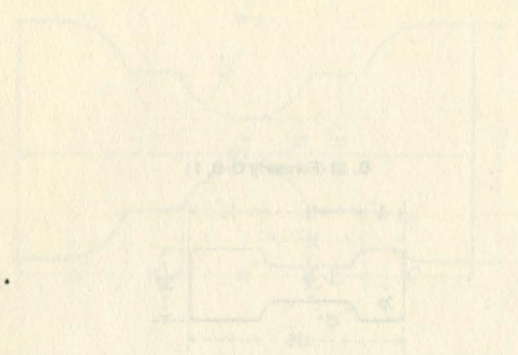
B. 34 (Formerly C. B. 3)



Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
B 33	$1\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{8}$	2.64
	$1\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{8}$	2.32
	$1\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	2.00
B 34	$1\frac{1}{4}$	$\frac{5}{8}$	$\frac{3}{8}$	2.49
	$1\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{8}$	2.17
	$1\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	1.85
	$1\frac{1}{2}$	$\frac{1}{8}$	$\frac{1}{8}$	1.53

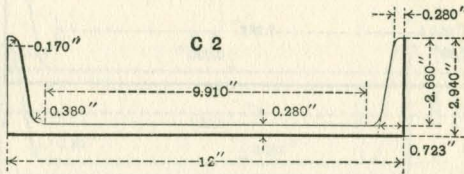
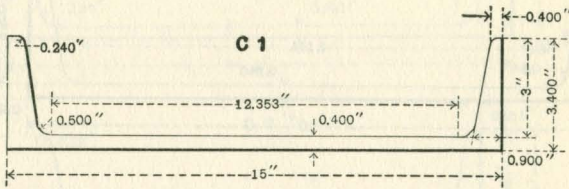
APPROXIMATE BEAMS - DIMENSIONS

OUTRIGGER BEAM



Beam Size	Weight per Foot	Depth	Flange Width	Flange Thickness	Web Thickness
12" x 12"	110	12.0	12.0	0.5	0.3
12" x 14"	130	12.0	14.0	0.5	0.3
12" x 16"	150	12.0	16.0	0.5	0.3
12" x 18"	170	12.0	18.0	0.5	0.3
12" x 20"	190	12.0	20.0	0.5	0.3
12" x 22"	210	12.0	22.0	0.5	0.3
12" x 24"	230	12.0	24.0	0.5	0.3
12" x 26"	250	12.0	26.0	0.5	0.3
12" x 28"	270	12.0	28.0	0.5	0.3
12" x 30"	290	12.0	30.0	0.5	0.3
12" x 32"	310	12.0	32.0	0.5	0.3
12" x 34"	330	12.0	34.0	0.5	0.3
12" x 36"	350	12.0	36.0	0.5	0.3
12" x 38"	370	12.0	38.0	0.5	0.3
12" x 40"	390	12.0	40.0	0.5	0.3
12" x 42"	410	12.0	42.0	0.5	0.3
12" x 44"	430	12.0	44.0	0.5	0.3
12" x 46"	450	12.0	46.0	0.5	0.3
12" x 48"	470	12.0	48.0	0.5	0.3
12" x 50"	490	12.0	50.0	0.5	0.3
12" x 52"	510	12.0	52.0	0.5	0.3
12" x 54"	530	12.0	54.0	0.5	0.3
12" x 56"	550	12.0	56.0	0.5	0.3
12" x 58"	570	12.0	58.0	0.5	0.3
12" x 60"	590	12.0	60.0	0.5	0.3
12" x 62"	610	12.0	62.0	0.5	0.3
12" x 64"	630	12.0	64.0	0.5	0.3
12" x 66"	650	12.0	66.0	0.5	0.3
12" x 68"	670	12.0	68.0	0.5	0.3
12" x 70"	690	12.0	70.0	0.5	0.3
12" x 72"	710	12.0	72.0	0.5	0.3
12" x 74"	730	12.0	74.0	0.5	0.3
12" x 76"	750	12.0	76.0	0.5	0.3
12" x 78"	770	12.0	78.0	0.5	0.3
12" x 80"	790	12.0	80.0	0.5	0.3
12" x 82"	810	12.0	82.0	0.5	0.3
12" x 84"	830	12.0	84.0	0.5	0.3
12" x 86"	850	12.0	86.0	0.5	0.3
12" x 88"	870	12.0	88.0	0.5	0.3
12" x 90"	890	12.0	90.0	0.5	0.3
12" x 92"	910	12.0	92.0	0.5	0.3
12" x 94"	930	12.0	94.0	0.5	0.3
12" x 96"	950	12.0	96.0	0.5	0.3
12" x 98"	970	12.0	98.0	0.5	0.3
12" x 100"	990	12.0	100.0	0.5	0.3

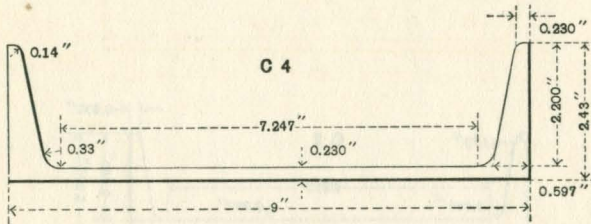
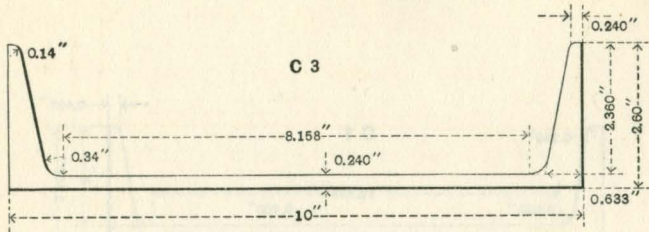
STRUCTURAL CHANNELS



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	3.814	3 $\frac{1}{8}$	0.814	1 $\frac{1}{8}$
		50.0	3.716	3 $\frac{3}{8}$	0.716	3 $\frac{3}{8}$
		45.0	3.618	3 $\frac{5}{8}$	0.618	5 $\frac{5}{8}$
		40.0	3.520	3 $\frac{3}{4}$	0.520	3 $\frac{3}{4}$
		35.0	3.422	3 $\frac{7}{8}$	0.422	2 $\frac{7}{8}$
		33.9	3.400	3 $\frac{7}{8}$	0.400	3 $\frac{7}{8}$
C 2	12	40.0	3.415	3 $\frac{1}{4}$	0.755	3 $\frac{1}{4}$
		35.0	3.292	3 $\frac{1}{4}$	0.632	5 $\frac{1}{4}$
		30.0	3.170	3 $\frac{1}{4}$	0.510	2 $\frac{1}{4}$
		25.0	3.047	3 $\frac{1}{4}$	0.387	2 $\frac{1}{4}$
		20.7	2.940	2 $\frac{1}{8}$	0.280	3 $\frac{1}{8}$

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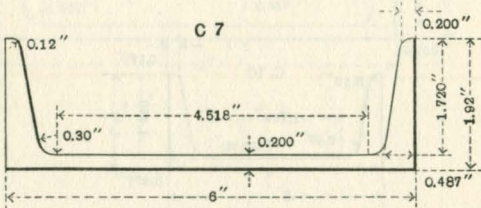
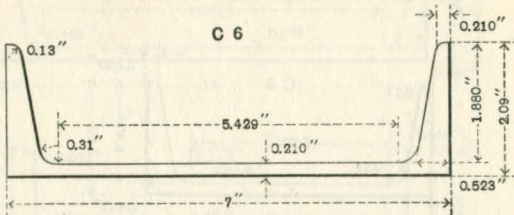
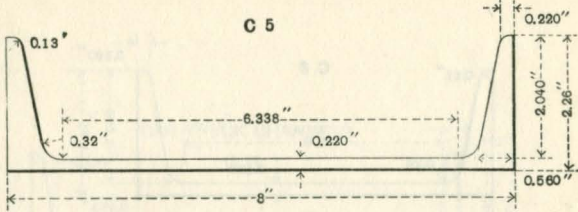
STRUCTURAL CHANNELS—Continued



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 3	10	35.0	3.180	$3\frac{3}{16}$	0.820	$\frac{13}{16}$
		30.0	3.033	$3\frac{1}{8}$	0.673	$\frac{11}{16}$
		25.0	2.886	$2\frac{11}{16}$	0.526	$\frac{7}{8}$
		20.0	2.739	$2\frac{5}{8}$	0.379	$\frac{3}{8}$
		15.3	2.600	$2\frac{1}{2}$	0.240	$\frac{1}{4}$
		25.0	2.812	$2\frac{1}{8}$	0.612	$\frac{9}{16}$
C 4	9	20.0	2.648	$2\frac{5}{8}$	0.448	$\frac{7}{16}$
		17.5	2.567	$2\frac{3}{8}$	0.367	$\frac{5}{8}$
		15.0	2.485	$2\frac{1}{4}$	0.285	$\frac{1}{2}$
		13.4	2.430	$2\frac{1}{8}$	0.230	$\frac{3}{8}$

CHANNELS

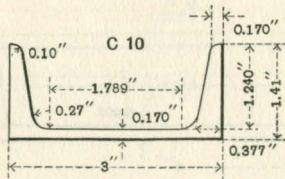
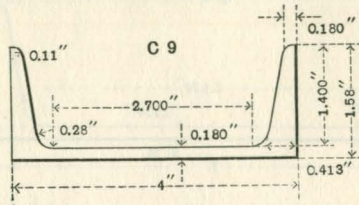
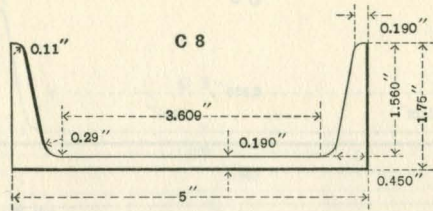
STRUCTURAL CHANNELS—Continued



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 5	8	21.25	2.619	$2\frac{5}{8}$	0.579	$\frac{11}{16}$
		18.75	2.527	$2\frac{1}{2}$	0.487	$\frac{11}{16}$
		16.25	2.435	$2\frac{1}{8}$	0.395	$\frac{11}{16}$
		13.75	2.343	$2\frac{1}{4}$	0.303	$\frac{11}{16}$
		11.5	2.260	$2\frac{1}{4}$	0.220	$\frac{3}{8}$
C 6	7	19.75	2.509	$2\frac{11}{16}$	0.629	$\frac{5}{8}$
		17.25	2.404	$2\frac{1}{2}$	0.524	$\frac{11}{16}$
		14.75	2.299	$2\frac{1}{4}$	0.419	$\frac{11}{16}$
		12.25	2.194	$2\frac{1}{8}$	0.314	$\frac{1}{8}$
		9.8	2.090	$2\frac{3}{8}$	0.210	$\frac{11}{16}$
C 7	6	15.5	2.279	$2\frac{3}{8}$	0.559	$\frac{1}{8}$
		13.0	2.157	$2\frac{1}{4}$	0.437	$\frac{1}{8}$
		10.5	2.034	$2\frac{1}{8}$	0.314	$\frac{1}{8}$
		8.2	1.920	$1\frac{1}{4}$	0.200	$\frac{11}{16}$

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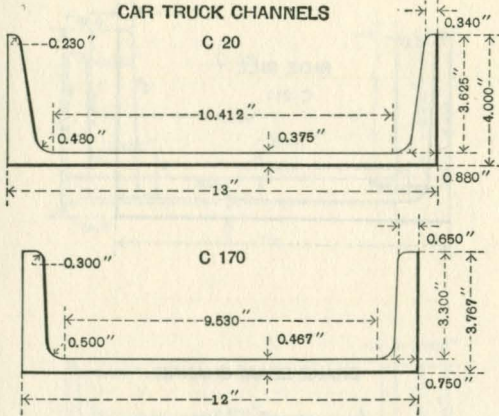
STRUCTURAL CHANNELS—Concluded



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 8	5	11.5	2.032	$2\frac{1}{8}$	0.472	$\frac{11}{16}$
		9.0	1.885	$1\frac{11}{16}$	0.325	$\frac{5}{16}$
		6.7	1.750	$1\frac{3}{4}$	0.190	$\frac{3}{16}$
C 9	4	7.25	1.720	$1\frac{3}{8}$	0.320	$\frac{5}{16}$
		6.25	1.647	$1\frac{1}{4}$	0.247	$\frac{1}{4}$
		5.4	1.580	$1\frac{1}{4}$	0.180	$\frac{3}{16}$
C 10	3	6.0	1.596	$1\frac{3}{8}$	0.356	$\frac{7}{16}$
		5.0	1.498	$1\frac{1}{2}$	0.258	$\frac{1}{4}$
		4.1	1.410	$1\frac{1}{8}$	0.170	$\frac{11}{64}$

CHANNELS

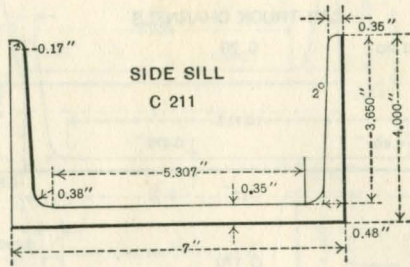
CAR BUILDING CHANNELS—STRUCTURAL SIZES



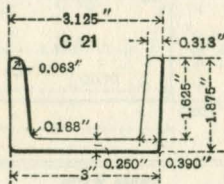
Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 20	13	52.5	4.469	4 $\frac{1}{2}$	0.843	$\frac{3}{4}$
		50.0	4.412	4 $\frac{1}{2}$	0.787	$\frac{3}{8}$
		45.0	4.298	4 $\frac{1}{2}$	0.673	$\frac{3}{8}$
		40.0	4.185	4 $\frac{3}{16}$	0.560	$\frac{1}{8}$
		37.0	4.117	4 $\frac{3}{16}$	0.492	$\frac{2}{8}$
		35.0	4.072	4 $\frac{5}{16}$	0.447	$\frac{2}{8}$
		31.8	4.000	4	0.375	$\frac{3}{8}$
C 170	12	50.0	4.135	4 $\frac{3}{16}$	0.835	$\frac{3}{8}$
		48.6	4.100	4 $\frac{3}{16}$	0.800	$\frac{3}{8}$
		46.6	4.050	4 $\frac{3}{16}$	0.750	$\frac{3}{4}$
		44.5	4.000	4	0.700	$\frac{2}{8}$
		40.0	3.890	3 $\frac{1}{2}$	0.590	$\frac{1}{8}$
		35.0	3.767	3 $\frac{3}{8}$	0.467	$\frac{1}{8}$
		30.9	3.670	3 $\frac{1}{2}$	0.370	$\frac{3}{8}$

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CAR BUILDING CHANNELS—STRUCTURAL SIZES—Concluded



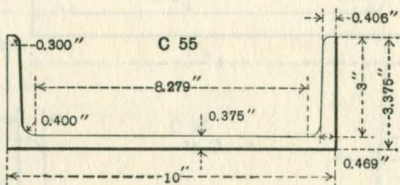
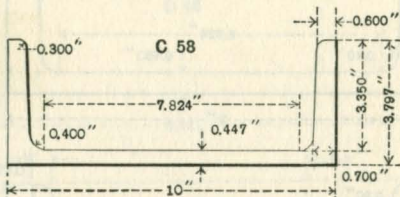
BRAKE BEAM CHANNEL



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 211	7	18.8	4.000	4	0.350	$\frac{11}{32}$
		10.25	2.250	$2\frac{1}{4}$	0.625	$\frac{5}{8}$
C 21	3	9.00	2.125	$2\frac{1}{8}$	0.500	$\frac{1}{2}$
		7.10	1.938	$1\frac{11}{16}$	0.313	$\frac{5}{16}$
		6.5	1.875	$1\frac{7}{8}$	0.250	$\frac{1}{4}$

CHANNELS

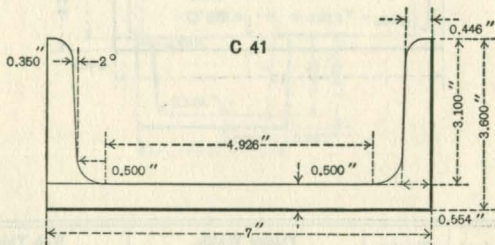
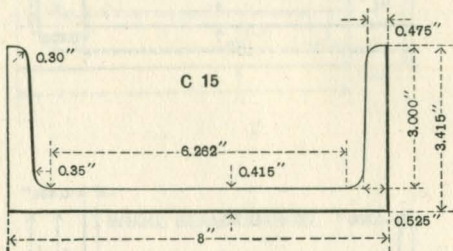
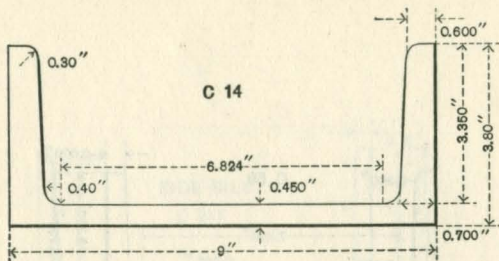
SHIP BUILDING CHANNELS



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 58	10	41.1	4.125	4 $\frac{1}{8}$	0.773	$\frac{5}{16}$
		40.0	4.091	4 $\frac{3}{32}$	0.741	$\frac{11}{16}$
		36.9	4.000	4	0.650	$\frac{3}{16}$
		34.4	3.925	3 $\frac{11}{16}$	0.575	$\frac{11}{16}$
		31.8	3.850	3 $\frac{11}{16}$	0.500	$\frac{1}{2}$
		30.0	3.797	3 $\frac{11}{16}$	0.447	$\frac{5}{16}$
C 55	10	28.5	3.575	3 $\frac{11}{16}$	0.575	$\frac{11}{16}$
		26.0	3.500	3 $\frac{1}{2}$	0.500	$\frac{1}{2}$
		24.3	3.450	3 $\frac{11}{16}$	0.450	$\frac{7}{16}$
		22.6	3.400	3 $\frac{11}{16}$	0.400	$\frac{7}{16}$
		21.7	3.375	3 $\frac{3}{8}$	0.375	$\frac{3}{8}$

ILLINOIS STEEL COMPANY

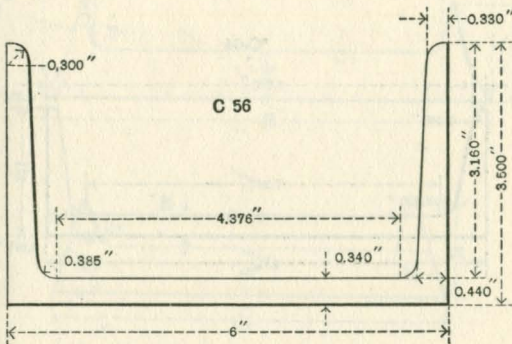
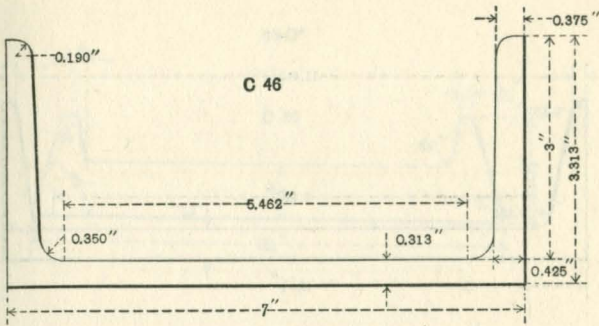
SHIP BUILDING CHANNELS—Continued



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 14	9	34.7	4.000	4	0.650	$\frac{21}{32}$
		31.7	3.900	$3\frac{27}{32}$	0.550	$\frac{11}{16}$
		28.6	3.800	$3\frac{13}{16}$	0.450	$\frac{9}{16}$
C 15	8	26.5	3.600	$3\frac{3}{8}$	0.600	$\frac{15}{16}$
		25.2	3.550	$3\frac{11}{16}$	0.550	$\frac{11}{16}$
		23.8	3.500	$3\frac{1}{2}$	0.500	$\frac{13}{16}$
		21.5	3.415	$3\frac{17}{32}$	0.415	$\frac{5}{16}$
C 41	7	25.0	3.700	$3\frac{11}{16}$	0.600	$\frac{15}{16}$
		22.7	3.600	$3\frac{3}{8}$	0.500	$\frac{13}{16}$
		20.3	3.500	$3\frac{1}{2}$	0.400	$\frac{5}{8}$
		19.1	3.450	$3\frac{23}{32}$	0.350	$\frac{7}{16}$

CHANNELS

SHIP BUILDING CHANNELS—Concluded

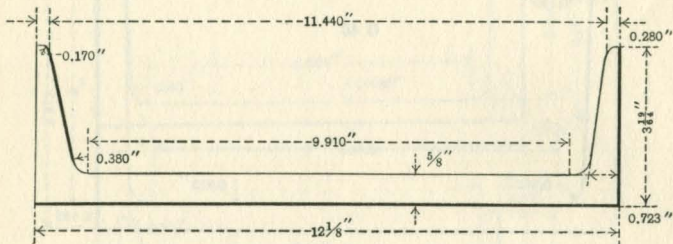


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 46	7	18.6	3.438	$3\frac{1}{4}$	0.438	$\frac{1}{4}$
		16.5	3.350	$3\frac{1}{2}$	0.350	$\frac{1}{2}$
		15.6	3.313	$3\frac{5}{8}$	0.313	$\frac{5}{8}$
C 56	6	15.3	3.500	$3\frac{1}{2}$	0.340	$\frac{1}{2}$

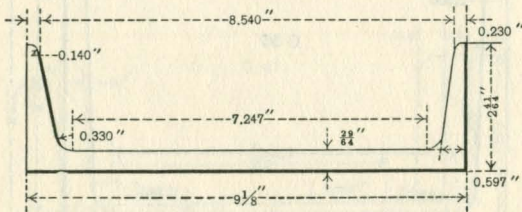
ILLINOIS STEEL COMPANY

SPECIAL CHANNELS—STRUCTURAL SIZES

*C-65



*C-64



Rolled for Caterpillar Tractor Co.

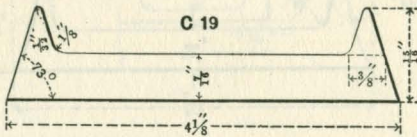
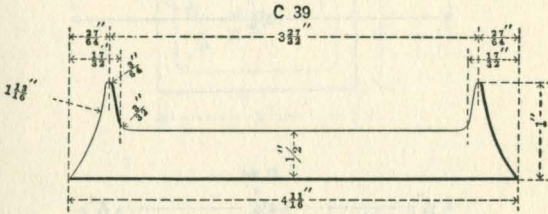
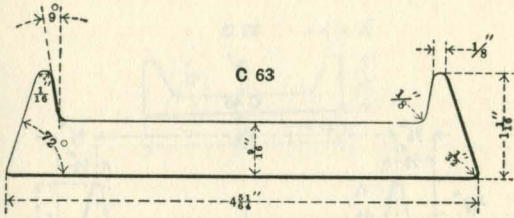
Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches	Web Thickness, Inches
*C 65	12 1/8	37.5	3 1/2	5/8
*C 64	9 1/8	22.0	2 1/4	3/8

*Furnished only by special arrangement.

CHANNELS

CHANNELS—BAR MILL SIZES

LANDSIDE CHANNELS

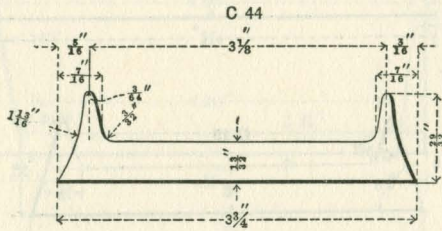
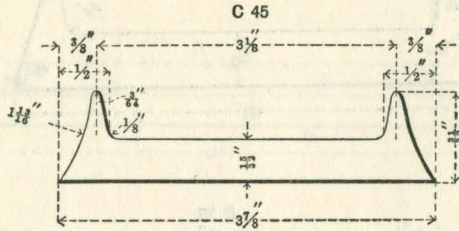


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 63	4 1/4	9.63	1.063	1 1/8	0.563	1/8
C 39	4 1/4	7.9	1.000	1	0.500	1/2
C 19	4 1/8	8.4	1.063	1 1/8	0.563	1/8
		6.7	0.938	1 1/8	0.438	1/8

ILLINOIS STEEL COMPANY

CHANNELS—BAR MILL SIZES—Continued

LANDSIDE CHANNELS

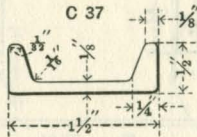
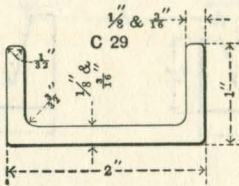
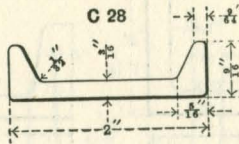


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 45	$3\frac{7}{8}$	6.3	0.969	$\frac{11}{8}$	0.469	$\frac{11}{8}$
C 44	$3\frac{3}{4}$	5.5	0.906	$\frac{11}{8}$	0.406	$\frac{11}{8}$

CHANNELS

CHANNELS—BAR MILL SIZES—Continued

MISCELLANEOUS CHANNELS

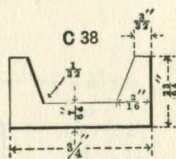
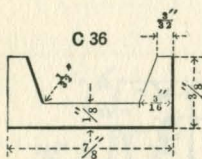
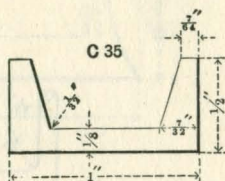
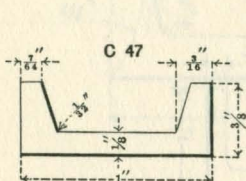
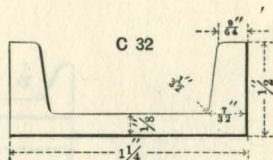
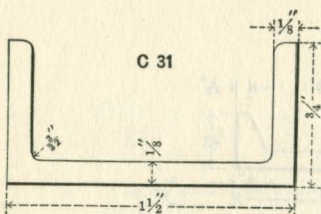


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 28	2	2.71	0.688	$\frac{11}{16}$	0.313	$\frac{5}{16}$
		2.28	0.625	$\frac{5}{8}$	0.250	$\frac{1}{4}$
		2.07	0.594	$\frac{13}{16}$	0.219	$\frac{5}{16}$
		1.86	0.563	$\frac{3}{4}$	0.188	$\frac{3}{8}$
		1.76	0.548	$\frac{3}{4}$	0.173	$\frac{3}{8}$
C 29	2	2.32	1.000	1	0.188	$\frac{3}{16}$
		1.59	1.000	1	0.125	$\frac{1}{8}$
C 37	1 1/2	1.76	0.625	$\frac{5}{8}$	0.250	$\frac{1}{4}$
		1.44	0.563	$\frac{3}{4}$	0.188	$\frac{3}{8}$
		1.12	0.500	$\frac{1}{2}$	0.125	$\frac{1}{8}$

ILLINOIS STEEL COMPANY

CHANNELS—BAR MILL SIZES—Continued

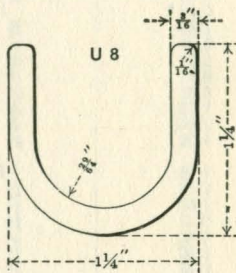
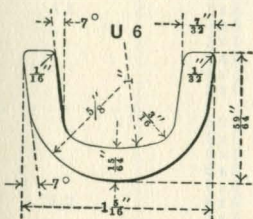
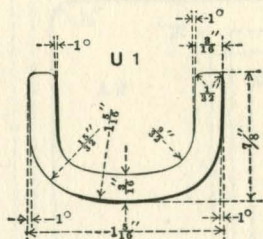
MISCELLANEOUS CHANNELS



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 31	1 1/2	1.17	0.750	3/4	0.125	1/8
C 32	1 1/4	1.26 0.99	0.563 0.500	5/8 1/2	0.188 0.125	3/16 1/8
C 47	1	0.68	0.375	3/8	0.125	3/8
C 35	1	1.05 0.84	0.563 0.500	5/8 1/2	0.188 0.125	3/16 1/8
C 36	3/8	0.61	0.375	3/8	0.125	1/8
C 38	3/4	0.56 0.52	0.375 0.359	3/8 1/2	0.125 0.109	1/8 1/4

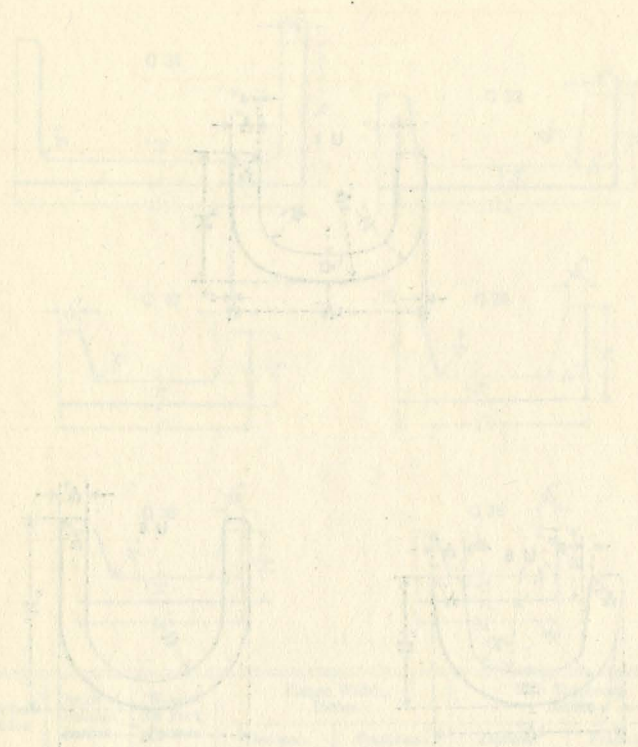
U-BARS

U-BARS



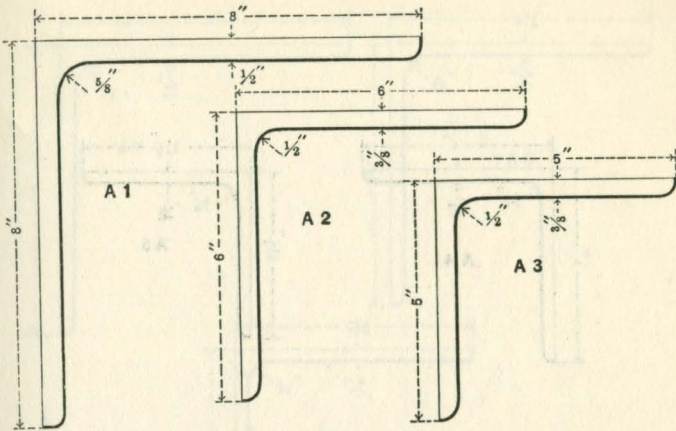
Section Index	Width Inches	Flange Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
U 1	1 $\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{16}$	1.50
U 6	1 $\frac{1}{8}$	$\frac{3}{8}$	$\frac{3}{16}$	1.58
U 8	1 $\frac{1}{4}$	1 $\frac{1}{4}$	$\frac{1}{8}$	1.865

CHANNELS - SPINDLE-DRIVEN CONTACT
 MILLING PLAN - CHANNELS



Part No.	Material	Quantity	Weight (lbs)	Volume (cu in)	Notes
100	Steel	1.00	0.150	0.000	
101	Steel	1.00	0.150	0.000	
102	Steel	1.00	0.150	0.000	
103	Steel	1.00	0.150	0.000	
104	Steel	1.00	0.150	0.000	
105	Steel	1.00	0.150	0.000	
106	Steel	1.00	0.150	0.000	
107	Steel	1.00	0.150	0.000	
108	Steel	1.00	0.150	0.000	
109	Steel	1.00	0.150	0.000	
110	Steel	1.00	0.150	0.000	

EQUAL ANGLES—STRUCTURAL SIZES

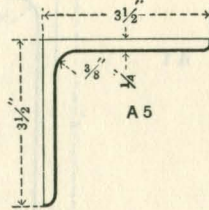
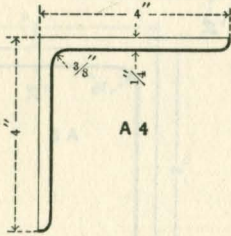


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 1	8 x 8	1 1/8	56.9
	8 x 8	1 1/8	54.0
	8 x 8	1	51.0
	8 x 8	3/4	48.1
	8 x 8	1/2	45.0
	8 x 8	1/2	42.0
	8 x 8	3/8	38.9
	8 x 8	1/2	35.8
	8 x 8	3/8	32.7
	8 x 8	1/2	29.6
A 2	6 x 6	1	37.4
	6 x 6	3/4	35.3
	6 x 6	3/4	33.1
	6 x 6	3/4	31.0
	6 x 6	3/4	28.7
	6 x 6	3/4	26.5
	6 x 6	3/4	24.2
	6 x 6	3/4	21.9
	6 x 6	3/4	19.6
	6 x 6	3/4	17.2
A 3	5 x 5	1	30.6
	5 x 5	3/4	28.9
	5 x 5	3/4	27.2
	5 x 5	3/4	25.4
	5 x 5	3/4	23.6
	5 x 5	3/4	21.8
	5 x 5	3/4	20.0
	5 x 5	3/4	18.1
	5 x 5	3/4	16.2
	5 x 5	3/4	14.3
5 x 5	3/4	12.3	
5 x 5	3/4	10.2	
5 x 5	3/4	8.2	

*Furnished only by special arrangement.

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EQUAL ANGLES—STRUCTURAL SIZES—Continued

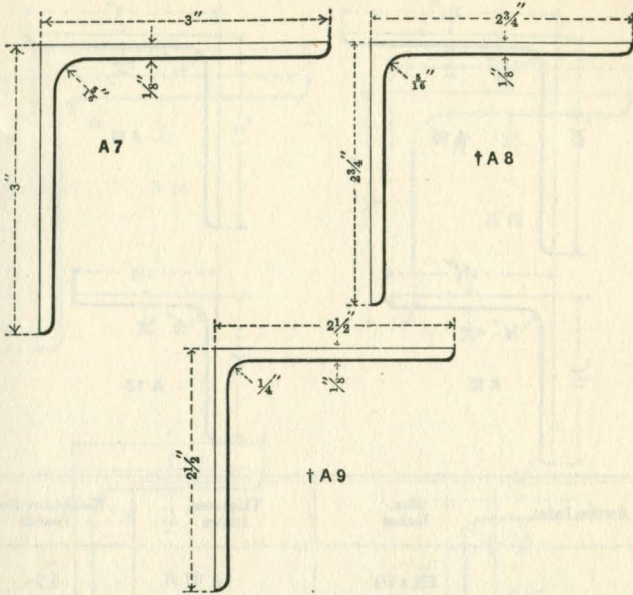


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 4	4 x 4	$\frac{11}{16}$	19.9
	4 x 4	$\frac{3}{4}$	18.5
	4 x 4	$\frac{11}{16}$	17.1
	4 x 4	$\frac{5}{8}$	15.7
	4 x 4	$\frac{7}{16}$	14.3
	4 x 4	$\frac{1}{2}$	12.8
	4 x 4	$\frac{7}{16}$	11.3
	4 x 4	$\frac{3}{8}$	9.8
	4 x 4	$\frac{1}{8}$	8.2
A 5	4 x 4	$\frac{1}{4}$	6.6
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{11}{16}$	17.1
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{3}{4}$	16.0
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{11}{16}$	14.8
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{5}{8}$	13.6
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{7}{16}$	12.4
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{1}{2}$	11.1
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{7}{16}$	9.8
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{3}{8}$	8.5
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{1}{8}$	7.2
	$3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{1}{4}$	5.8
	* $3\frac{1}{2} \times 3\frac{1}{2}$	$\frac{1}{8}$	4.4

*Furnished only by special arrangement. Bar Mill size.

ANGLES

EQUAL ANGLES—STRUCTURAL SIZES—Concluded

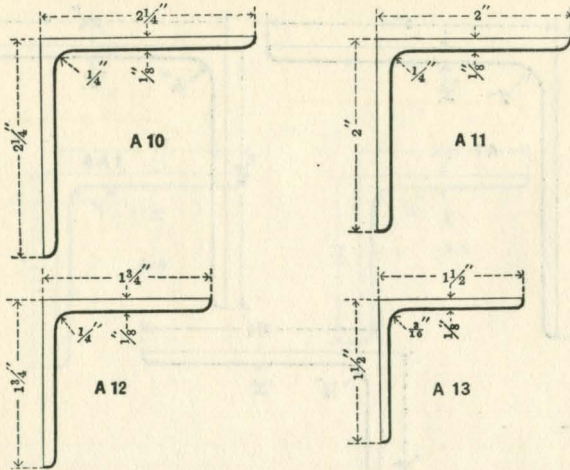


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 7	3 x 3	3/4	13.466
	3 x 3	11/16	12.496
	3 x 3	5/8	11.5
	3 x 3	1/2	10.4
	3 x 3	1/2	9.4
	3 x 3	1/2	8.3
	3 x 3	3/8	7.2
	3 x 3	3/8	6.1
	3 x 3	1/4	4.9
	†3	3 x 3	1/8
†3	3 x 3	1/8	2.50
†A 8	2 3/4 x 2 3/4	1/2	5.6
	2 3/4 x 2 3/4	1/4	4.5
	2 3/4 x 2 3/4	3/8	3.39
	2 3/4 x 2 3/4	1/8	2.29
†A 9	2 1/2 x 2 1/2	5/8	9.3
	2 1/2 x 2 1/2	1/2	8.5
	2 1/2 x 2 1/2	1/2	7.7
	2 1/2 x 2 1/2	3/8	6.8
	2 1/2 x 2 1/2	3/8	5.9
	2 1/2 x 2 1/2	1/2	5.0
	2 1/2 x 2 1/2	1/4	4.1
	2 1/2 x 2 1/2	1/8	3.07
	2 1/2 x 2 1/2	1/8	2.08

†Bar Mill Sizes.

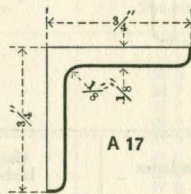
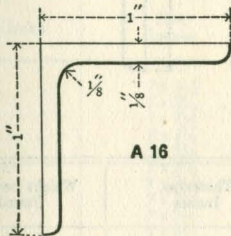
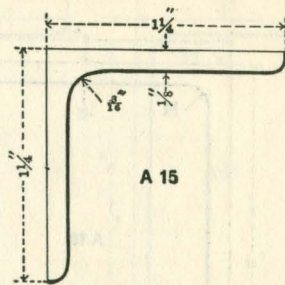
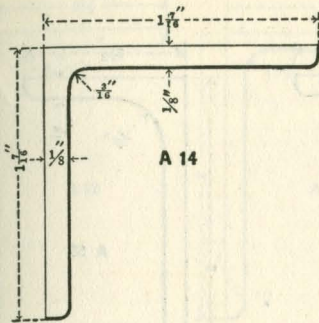
ILLINOIS STEEL COMPANY

EQUAL ANGLES—BAR MILL SIZES



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 10	2 1/4 x 2 1/4	3/8	5.3
	2 1/4 x 2 1/4	1/4	4.5
	2 1/4 x 2 1/4	1/4	3.62
	2 1/4 x 2 1/4	1/8	2.75
	2 1/4 x 2 1/4	1/8	1.86
A 11	2 x 2	1/2	6.0
	2 x 2	1/4	5.3
	2 x 2	3/8	4.70
	2 x 2	1/4	3.92
	2 x 2	1/4	3.19
	2 x 2	1/8	2.44
A 12	1 3/4 x 1 3/4	3/8	3.99
	1 3/4 x 1 3/4	1/4	3.39
	1 3/4 x 1 3/4	1/4	2.77
	1 3/4 x 1 3/4	1/8	2.12
	1 3/4 x 1 3/4	1/8	1.44
A 13	1 1/2 x 1 1/2	1/4	3.88
	1 1/2 x 1 1/2	3/8	3.35
	1 1/2 x 1 1/2	1/4	2.86
	1 1/2 x 1 1/2	1/4	2.34
	1 1/2 x 1 1/2	1/8	1.80
	1 1/2 x 1 1/2	1/8	1.23

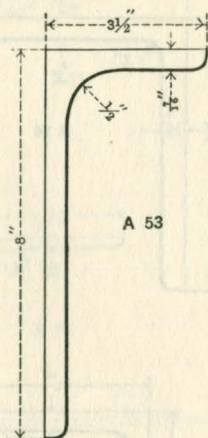
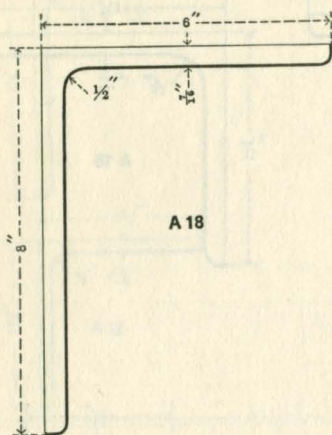
EQUAL ANGLES—BAR MILL SIZES—Concluded



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 14	$1\frac{1}{8} \times 1\frac{1}{8}$	$\frac{3}{16}$	1.71
	$1\frac{1}{8} \times 1\frac{1}{8}$	$\frac{1}{8}$	1.44
	$1\frac{1}{8} \times 1\frac{1}{8}$	$\frac{5}{16}$	1.17
	$1\frac{1}{8} \times 1\frac{1}{8}$	$\frac{3}{8}$	0.87
A 15	$1\frac{1}{4} \times 1\frac{1}{4}$	$\frac{1}{8}$	2.33
	$1\frac{1}{4} \times 1\frac{1}{4}$	$\frac{1}{4}$	1.92
	$1\frac{1}{4} \times 1\frac{1}{4}$	$\frac{5}{16}$	1.48
	$1\frac{1}{4} \times 1\frac{1}{4}$	$\frac{3}{8}$	1.14
A 16	1×1	$\frac{1}{4}$	1.49
	1×1	$\frac{5}{16}$	1.16
	1×1	$\frac{1}{8}$	0.80
	1×1	$\frac{3}{16}$	0.71
A 17	$\frac{3}{4} \times \frac{3}{4}$	$\frac{1}{8}$	0.84
	$\frac{3}{4} \times \frac{3}{4}$	$\frac{3}{16}$	0.59

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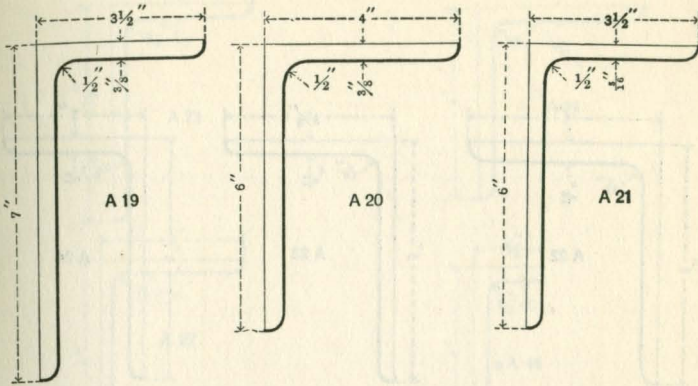
UNEQUAL ANGLES—STRUCTURAL SIZES



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 18	8 x 6	1	44.2
	8 x 6	$\frac{11}{16}$	41.7
	8 x 6	$\frac{7}{8}$	39.1
	8 x 6	$\frac{11}{16}$	36.5
	8 x 6	$\frac{3}{4}$	33.8
	8 x 6	$\frac{11}{16}$	31.2
	8 x 6	$\frac{5}{8}$	28.5
	8 x 6	$\frac{1}{8}$	25.7
	8 x 6	$\frac{1}{2}$	23.0
A 53	8 x 6	$\frac{1}{8}$	20.2
	8 x 3 1/2	1	35.7
	8 x 3 1/2	$\frac{11}{16}$	33.7
	8 x 3 1/2	$\frac{7}{8}$	31.7
	8 x 3 1/2	$\frac{11}{16}$	29.6
	8 x 3 1/2	$\frac{3}{4}$	27.5
	8 x 3 1/2	$\frac{11}{16}$	25.3
	8 x 3 1/2	$\frac{5}{8}$	23.2
	8 x 3 1/2	$\frac{1}{8}$	21.0
	8 x 3 1/2	$\frac{1}{2}$	18.7
8 x 3 1/2	$\frac{1}{8}$	16.5	

ANGLES

UNEQUAL ANGLES—STRUCTURAL SIZES—Continued

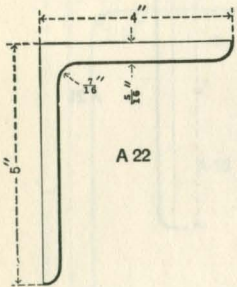


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 19	7 x 3 1/2	1	32.3
	7 x 3 1/2	11/16	30.5
	7 x 3 1/2	13/16	28.7
	7 x 3 1/2	1 1/8	26.8
	7 x 3 1/2	1 1/4	24.9
	7 x 3 1/2	1 1/2	23.0
	7 x 3 1/2	1 5/8	21.0
	7 x 3 1/2	1 7/8	19.1
	7 x 3 1/2	1 3/4	17.0
	7 x 3 1/2	1 1/2	15.0
A 20	6 x 4	1	30.6
	6 x 4	11/16	28.9
	6 x 4	13/16	27.2
	6 x 4	1 1/8	25.4
	6 x 4	1 1/4	23.6
	6 x 4	1 1/2	21.8
	6 x 4	1 5/8	20.0
	6 x 4	1 7/8	18.1
	6 x 4	1 3/4	16.2
	6 x 4	1 1/2	14.3
A 21	6 x 3 1/2	1	28.9
	6 x 3 1/2	11/16	27.3
	6 x 3 1/2	13/16	25.7
	6 x 3 1/2	1 1/8	24.0
	6 x 3 1/2	1 1/4	22.4
	6 x 3 1/2	1 1/2	20.6
	6 x 3 1/2	1 5/8	18.9
	6 x 3 1/2	1 7/8	17.1
	6 x 3 1/2	1 3/4	15.3
	6 x 3 1/2	1 1/2	13.5
	1 1/4	11.7	
	1 1/8	9.8	

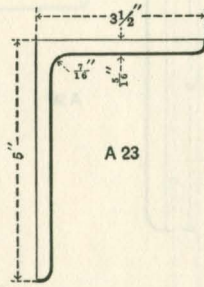
*Furnished only by special arrangement.

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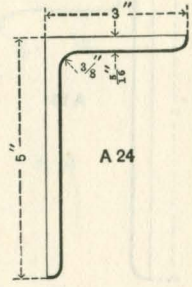
UNEQUAL ANGLES—STRUCTURAL SIZES—Continued



A 22



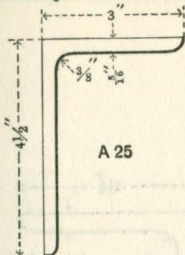
A 23



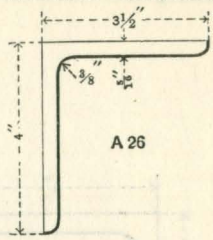
A 24

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 22	5 x 4	7/8	24.2
	5 x 4	1 1/8	22.7
	5 x 4	3/2	21.1
	5 x 4	1 1/4	19.5
	5 x 4	1 1/8	17.8
	5 x 4	5/8	16.2
	5 x 4	1/2	14.5
	5 x 4	3/8	12.8
	5 x 4	5/16	11.0
	5 x 4	1/8	9.3
A 23	5 x 3 1/2	7/8	22.7
	5 x 3 1/2	1 1/8	21.3
	5 x 3 1/2	3/2	19.8
	5 x 3 1/2	1 1/4	18.3
	5 x 3 1/2	1 1/8	16.8
	5 x 3 1/2	5/8	15.2
	5 x 3 1/2	1/2	13.6
	5 x 3 1/2	3/8	12.0
	5 x 3 1/2	5/16	10.4
	5 x 3 1/2	1/8	8.7
A 24	5 x 3	1 1/8	19.9
	5 x 3	3/4	18.5
	5 x 3	1 1/4	17.1
	5 x 3	1 1/8	15.7
	5 x 3	5/8	14.3
	5 x 3	1/2	12.8
	5 x 3	3/8	11.3
	5 x 3	5/16	9.8
	5 x 3	3/8	9.8
	5 x 3	1/8	8.2

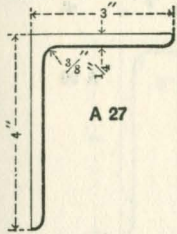
UNEQUAL ANGLES—STRUCTURAL SIZES—Continued



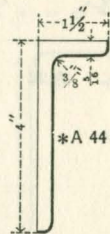
A 25



A 26



A 27



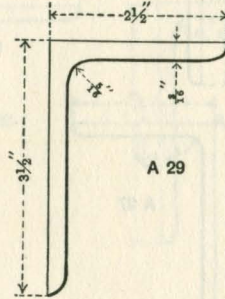
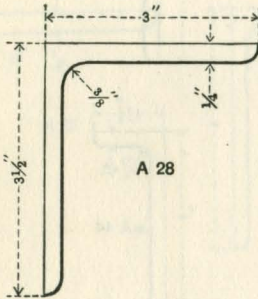
*A 44

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 25	4 1/2 x 3	13/16	18.5
	4 1/2 x 3	3/4	17.3
	4 1/2 x 3	11/16	16.0
	4 1/2 x 3	5/8	14.7
	4 1/2 x 3	1/2	13.3
	4 1/2 x 3	1/2	11.9
	4 1/2 x 3	1/2	10.6
	4 1/2 x 3	3/8	9.1
	4 1/2 x 3	1/8	7.7
A 26	4 x 3 1/2	13/16	18.5
	4 x 3 1/2	3/4	17.3
	4 x 3 1/2	11/16	16.0
	4 x 3 1/2	5/8	14.7
	4 x 3 1/2	1/2	13.3
	4 x 3 1/2	1/2	11.9
	4 x 3 1/2	1/2	10.6
	4 x 3 1/2	3/8	9.1
	*4 x 3 1/2	1/8	6.3
A 27	4 x 3	13/16	17.1
	4 x 3	3/4	16.0
	4 x 3	11/16	14.8
	4 x 3	5/8	13.6
	4 x 3	1/2	12.4
	4 x 3	1/2	11.1
	4 x 3	3/8	9.8
	4 x 3	5/8	8.5
	4 x 3	1/4	7.2
*A 44	4 x 1 1/2	5/8	5.5

*Furnished only by special arrangement.

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UNEQUAL ANGLES—STRUCTURAL SIZES—Continued

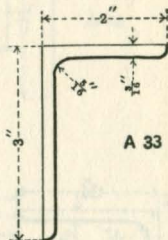
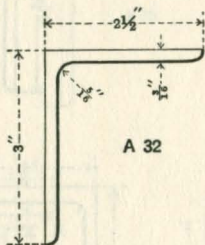


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 28	3 1/2 x 3	11/16	15.8
	3 1/2 x 3	3/4	14.7
	3 1/2 x 3	11/16	13.6
	3 1/2 x 3	5/8	12.5
	3 1/2 x 3	7/16	11.4
	3 1/2 x 3	1/2	10.2
	3 1/2 x 3	7/16	9.1
	3 1/2 x 3	5/8	7.9
	3 1/2 x 3	7/16	6.6
	3 1/2 x 3	1/4	5.4
	*13 1/2 x 3	1/4	4.0
A 29	3 1/2 x 2 1/2	3/4	13.5
	3 1/2 x 2 1/2	11/16	12.5
	3 1/2 x 2 1/2	5/8	11.5
	3 1/2 x 2 1/2	7/16	10.4
	3 1/2 x 2 1/2	1/2	9.4
	3 1/2 x 2 1/2	7/16	8.3
	3 1/2 x 2 1/2	5/8	7.2
	3 1/2 x 2 1/2	7/16	6.1
	3 1/2 x 2 1/2	1/4	4.9
		†13 1/2 x 2 1/2	1/4	3.8

*Furnished only by special arrangement.

†Bar mill sizes.

UNEQUAL ANGLES—STRUCTURAL SIZES—Concluded

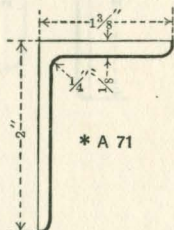
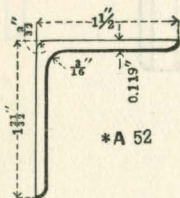
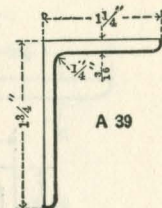
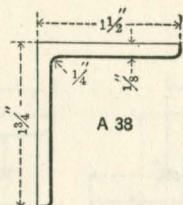
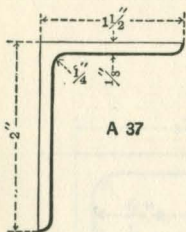


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 32	3 x 2 1/2	5/8	10.5
	3 x 2 1/2	1/2	9.5
	3 x 2 1/2	3/8	8.5
	3 x 2 1/2	1/2	7.6
	3 x 2 1/2	3/8	6.6
	3 x 2 1/2	1/2	5.6
	3 x 2 1/2	1/4	4.5
	†3 x 2 1/2	1/8	3.39
A 33	3 x 2	1/2	8.6
	3 x 2	1/2	7.7
	3 x 2	1/2	6.8
	3 x 2	3/8	5.9
	3 x 2	1/2	5.0
	3 x 2	1/4	4.1
	3 x 2	1/8	3.07
	†3 x 2	1/8	

†Bar mill sizes.

ILLINOIS STEEL COMPANY

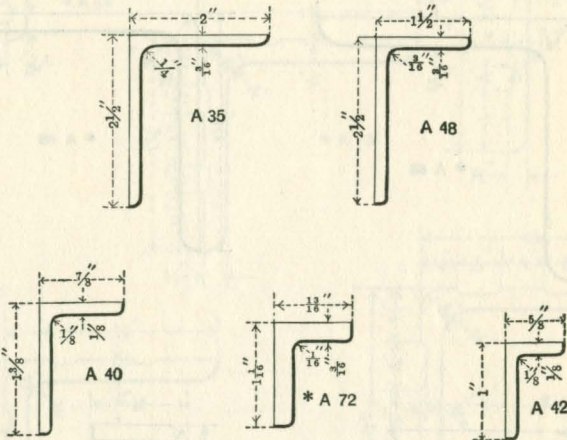
UNEQUAL ANGLES—BAR MILL SIZES



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 37	2 x 1 1/2	3/8	3.99
	2 x 1 1/2	1/8	3.39
	2 x 1 1/2	1/4	2.77
	2 x 1 1/2	3/8	2.12
	2 x 1 1/2	1/2	1.44
A 38	1 3/4 x 1 1/2	1/4	2.55
	1 3/4 x 1 1/2	1/8	1.96
	1 3/4 x 1 1/2	3/8	1.33
A 39	1 3/4 x 1 1/4	1/4	2.34
	1 3/4 x 1 1/4	1/8	1.80
	1 3/4 x 1 1/4	3/8	1.23
*A 52	1 1/2 x 1 1/2	1/16	1.61
	1 1/2 x 1 1/2	3/8	1.29
*A 71	2 x 1 3/8	1/8	1.387

*Furnished only by special arrangement.

UNEQUAL ANGLES—BAR MILL SIZES—Concluded



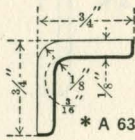
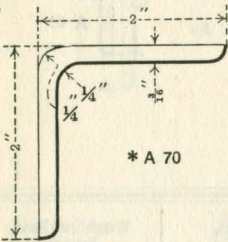
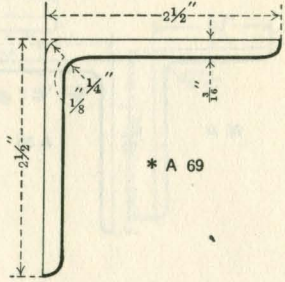
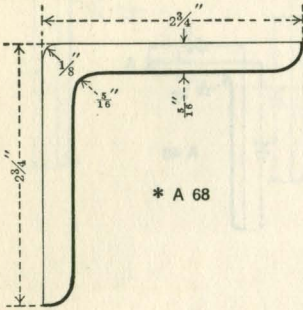
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 35	2 1/2 x 2	1/2	6.75
	2 1/2 x 2	3/8	5.3
	2 1/2 x 2	1/2	4.5
	2 1/2 x 2	1/4	3.62
	2 1/2 x 2	1/8	2.75
A 48	2 1/2 x 1 1/2	5/16	3.92
	2 1/2 x 1 1/2	1/4	3.19
	2 1/2 x 1 1/2	1/8	2.44
A 40	1 3/8 x 7/8	3/16	1.32
	1 3/8 x 7/8	1/8	0.91
*A 72	1 1/16 x 1 1/8	1/8	1.08
A 42	1 x 5/8	3/16	0.92
	1 x 5/8	1/8	0.64

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

SPECIAL ROUND BACK ANGLES

BAR MILL SIZES

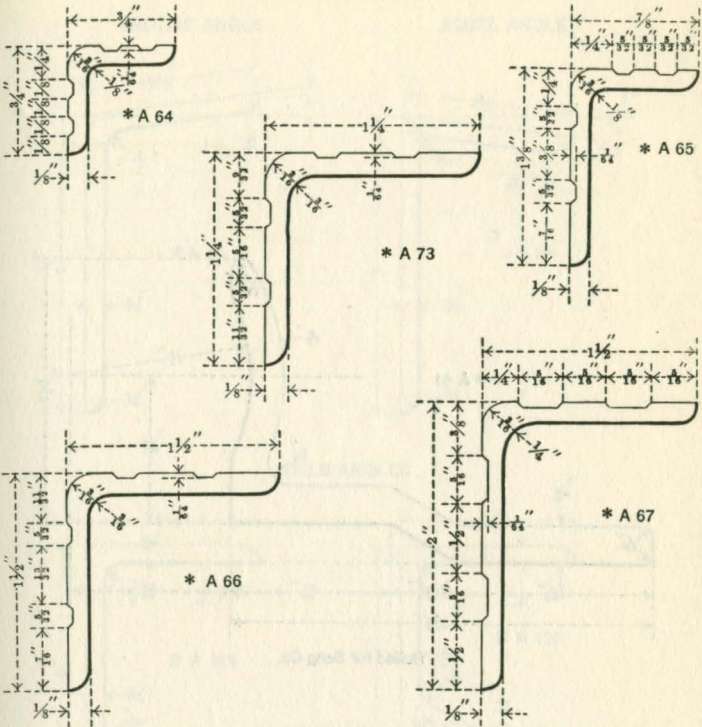


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*A 68	2 3/4 x 2 3/4	5/16	5.59
*A 69	2 1/2 x 2 1/2	1/4	4.09
*A 70	2 x 2	1/4	3.06
*A 63	3/4 x 3/4	3/8	3.15
		1/8	2.40
		1/8	.57

*Furnished only by special arrangement.

ANGLES

ORNAMENTAL ANGLES



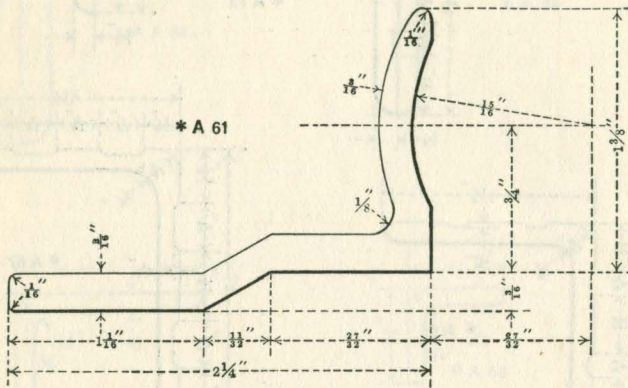
Rolled for United States Bedding Co.

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*A 64	$\frac{3}{4} \times \frac{3}{4}$	$\frac{1}{8}$	.55
*A 65	$1\frac{3}{8} \times \frac{1}{8}$	$\frac{1}{8}$	.86
		$\frac{3}{16}$	.96
		$\frac{1}{4}$	1.06
		$\frac{5}{16}$	1.27
*A 73	$1\frac{1}{4} \times 1\frac{1}{4}$	$\frac{1}{8}$	.96
		$\frac{3}{16}$	1.07
		$\frac{1}{4}$	1.19
		$\frac{5}{16}$	1.43
*A 66	$1\frac{1}{2} \times 1\frac{1}{2}$	$\frac{1}{8}$	1.18
		$\frac{3}{16}$	1.46
*A 67	$2 \times 1\frac{1}{2}$	$\frac{1}{8}$	1.36
		$\frac{3}{16}$	1.70

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

SPECIAL ANGLES—BAR MILL SIZE



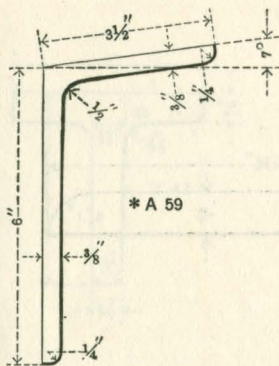
Rolled for Seng Co.

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*A 61	$2\frac{1}{4} \times 1\frac{3}{8}$	$\frac{1}{8}$	2.21

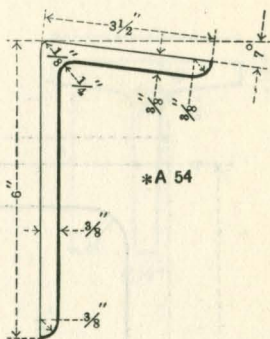
*Furnished only by special arrangement.

CAR BUILDING ANGLES—STRUCTURAL SIZES

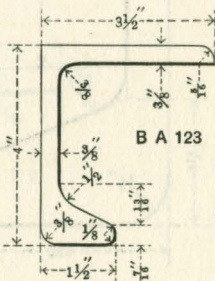
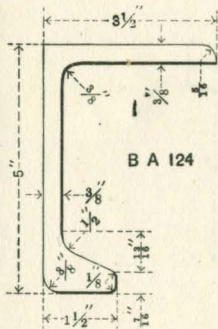
OBTUSE ANGLE



ACUTE ANGLE



BULB ANGLES

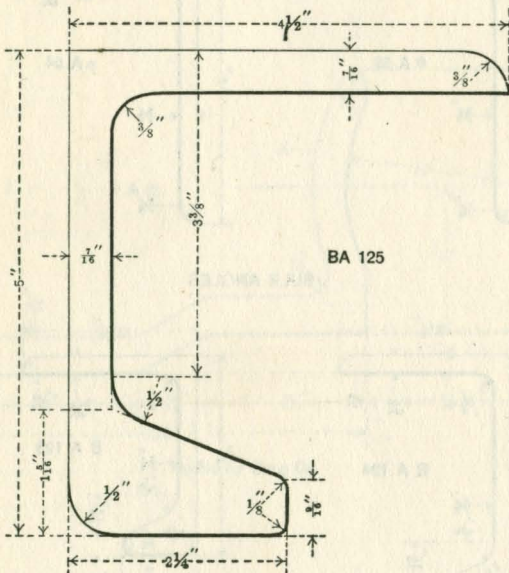


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*A 59	6 x 3 1/2	3/8	11.72
*A 54	6 x 3 1/2	3/8	11.70
BA 124	5 x 3 1/2	3/8	13.20
BA 123	4 x 3 1/2	3/8	11.90

*Furnished only by special arrangement.

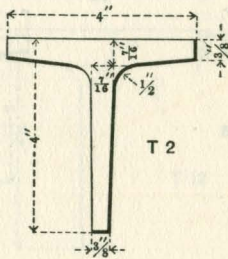
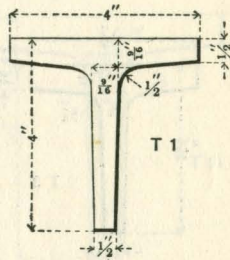
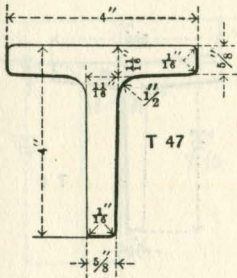
ILLINOIS STEEL COMPANY

CAR BUILDING ANGLES—STRUCTURAL SIZE
BULB ANGLE



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
BA 125	5 x 4 1/2	1/16	19.3

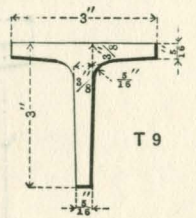
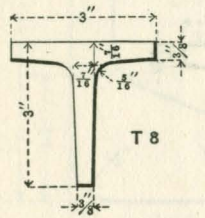
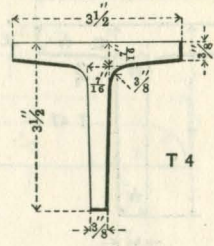
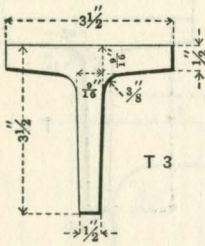
EQUAL TEES—STRUCTURAL SIZES



Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 47	4	4	5/8 to 1 1/8	5/8 to 1 1/8	16.7
T 1	4	4	1/2 to 5/8	1/2 to 5/8	13.5
T 2	4	4	3/8 to 5/8	3/8 to 5/8	10.5

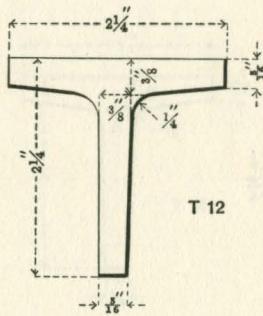
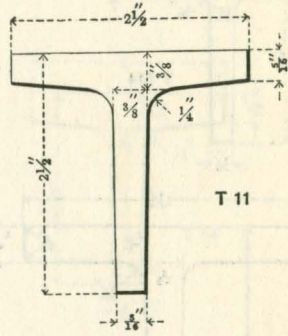
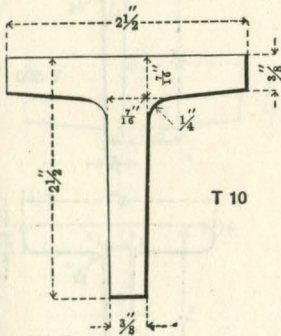
ILLINOIS STEEL COMPANY

EQUAL TEES—STRUCTURAL SIZES—Concluded



Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 3	3 1/2	3 1/2	1/2 to 1/8	1/2 to 1/8	11.7
T 4	3 1/2	3 1/2	3/8 to 1/8	3/8 to 1/8	9.2
T 8	3	3	3/8 to 1/8	3/8 to 1/8	7.8
T 9	3	3	1/8 to 3/8	1/8 to 3/8	6.7

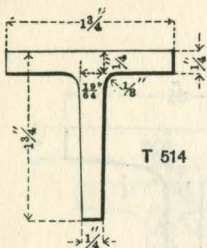
EQUAL TEES—BAR MILL SIZES



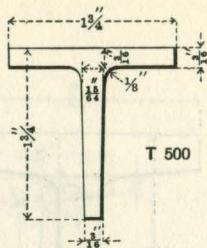
Section Index	Size, Inches		Thickness, Inches		Weight Per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 10	2 1/2	2 1/2	3/8 to 1/8	3/8 to 1/8	6.4
T 11	2 1/2	2 1/2	1/8 to 3/8	1/8 to 3/8	5.5
T 12	2 1/4	2 1/4	1/8 to 3/8	1/8 to 3/8	4.9

ILLINOIS STEEL COMPANY

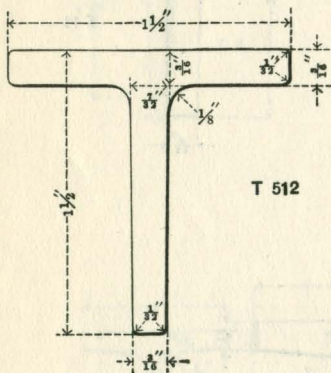
EQUAL TEES—BAR MILL SIZES—Continued.



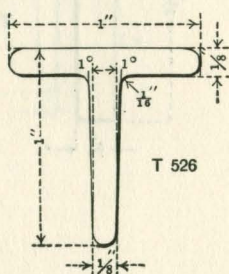
T 514



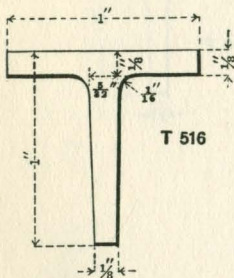
T 500



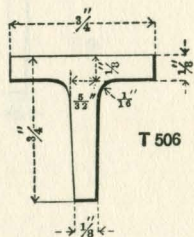
T 512



T 526



T 516

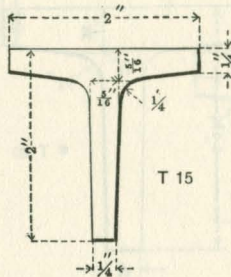
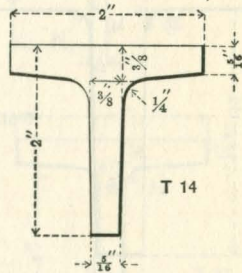
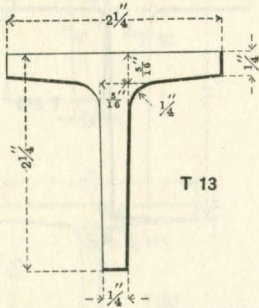


T 506

Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 514	1 3/4	1 3/4	1/4 to 1/4	1/4 to 11/16	2.9
T 500	1 3/4	1 3/4	1/16 to 1/16	1/16 to 11/16	2.3
T 512	1 1/2	1 1/2	1/16 to 1/16	1/16 to 11/16	1.9
T 526	1	1	1/8 to 1/8	1/8 to 5/16	0.83
T 516	1	1	1/8 to 1/8	1/8 to 5/16	0.9
T 506	3/4	3/4	1/8 to 1/8	1/8 to 5/16	0.6

TEES

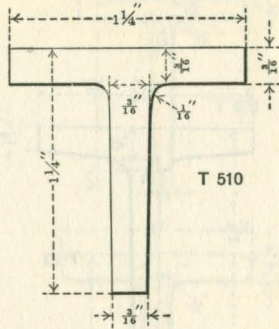
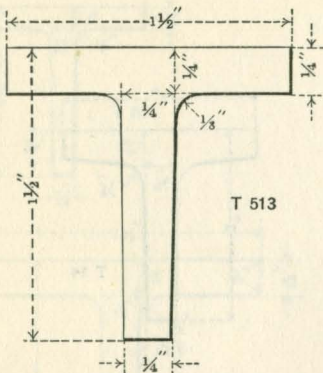
EQUAL TEES—BAR MILL SIZES—Continued



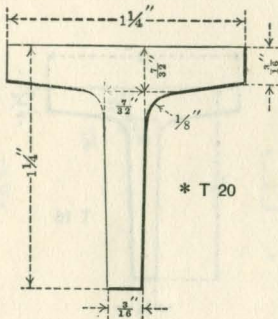
Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 13	2 1/4	2 1/4	1/4 to 1/8	1/4 to 1/8	4.1
T 14	2	2	1/8 to 3/8	1/8 to 3/8	4.4
T 15	2	2	1/4 to 1/8	1/4 to 1/8	3.6

ILLINOIS STEEL COMPANY

EQUAL TEES—BAR MILL SIZES—Concluded



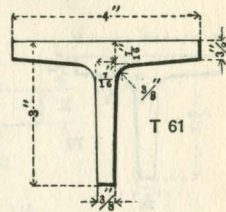
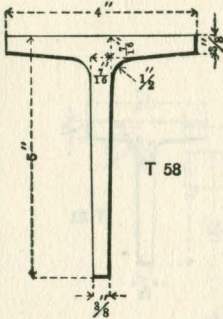
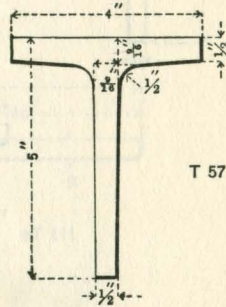
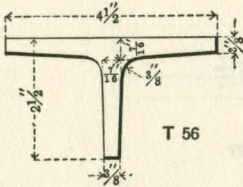
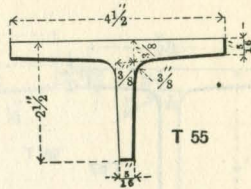
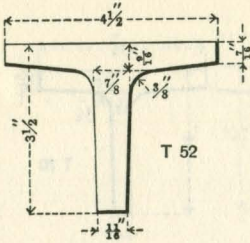
Rolled to approximately one degree of taper each side of stem.



Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 513	1 1/2	1 1/2	1/4	1/4	2.43
T 510	1 1/4	1 1/4	3/16	3/16	1.55
*T 20	1 1/4	1 1/4	3/16 to 3/32	3/16 to 3/32	1.6

*Furnished only by special arrangement.

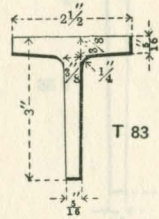
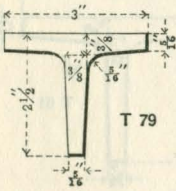
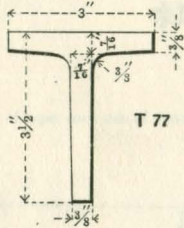
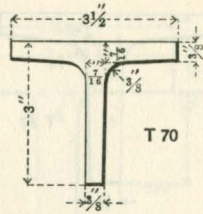
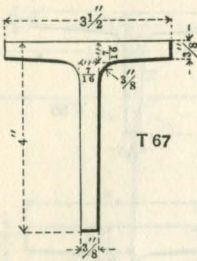
UNEQUAL TEES—STRUCTURAL SIZES



Section Index	Size, Inches		Thickness, Inches		Weight Per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 52	4 1/2	3 1/2	1/8 to 1/8	1 1/8 to 7/8	15.7
T 55	4 1/2	2 1/2	1/8 to 3/8	1/8 to 3/8	7.8
T 56	4 1/2	2 1/2	3/8 to 1/8	3/8 to 1/8	9.2
T 57	4	5	1/2 to 1/8	1/2 to 1/8	15.3
T 58	4	5	3/8 to 1/8	3/8 to 1/8	11.9
T 61	4	3	3/8 to 1/8	3/8 to 1/8	9.2

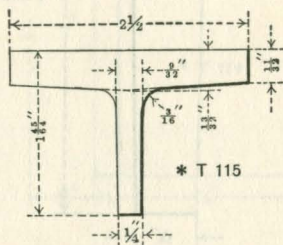
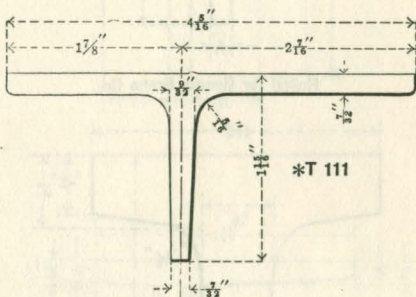
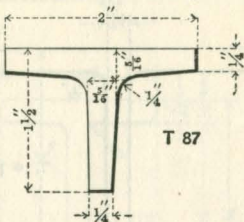
ILLINOIS STEEL COMPANY

UNEQUAL TEES—STRUCTURAL SIZES—Concluded



Section Index	Size, Inches		Thickness, Inches		Weight Per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 67	3 1/2	4	3/8 to 1/8	3/8 to 1/8	9.8
T 70	3 1/2	3	3/8 to 1/8	3/8 to 1/8	8.5
T 77	3	3 1/2	3/8 to 1/8	3/8 to 1/8	8.5
T 79	3	2 1/2	1/8 to 3/8	1/8 to 3/8	6.1
T 83	2 1/2	3	1/8 to 3/8	1/8 to 3/8	6.1

SPECIAL UNEQUAL TEES—BAR MILL SIZES

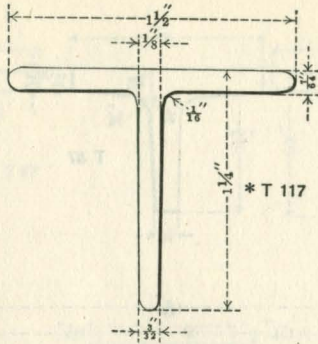


Section Index	Size, Inches		Thickness, Inches		Weight Per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 87	2	1 1/2	1/4 to 1/8	1/4 to 1/8	3.1
*T 111	4 1/8	1 1/8	3/8	3/8 to 3/8	4.8
*T 115	2 1/2 x 1 1/8 x 1/4				4.44

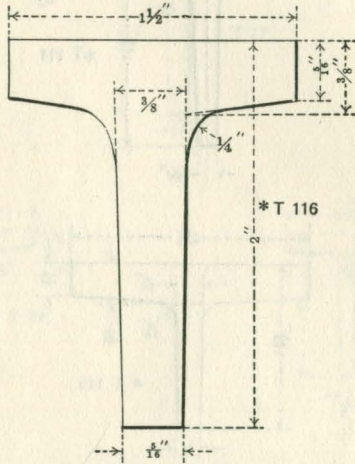
*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

SPECIAL UNEQUAL TEES—BAR MILL SIZES—Continued



Rolled for Bendix Brake Co.



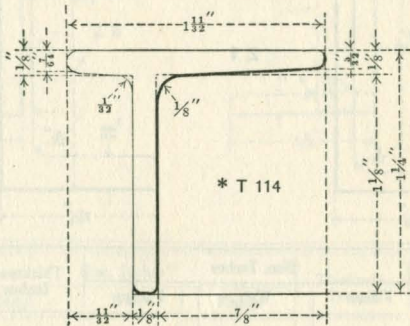
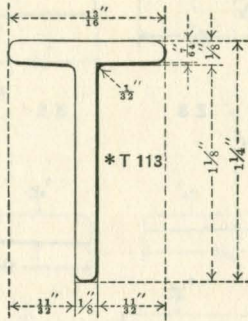
Rolled for Anthony Co.

Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
*T 116	1 1/2	2	1/8 to 3/8	1/8 to 3/8	3.84
*T 117	1 1/2	1 1/4	1/8	1/8 to 3/8	.993

*Furnished only by special arrangement.

TEES

SPECIAL UNEQUAL TEES—BAR MILL SIZES—(Concluded)



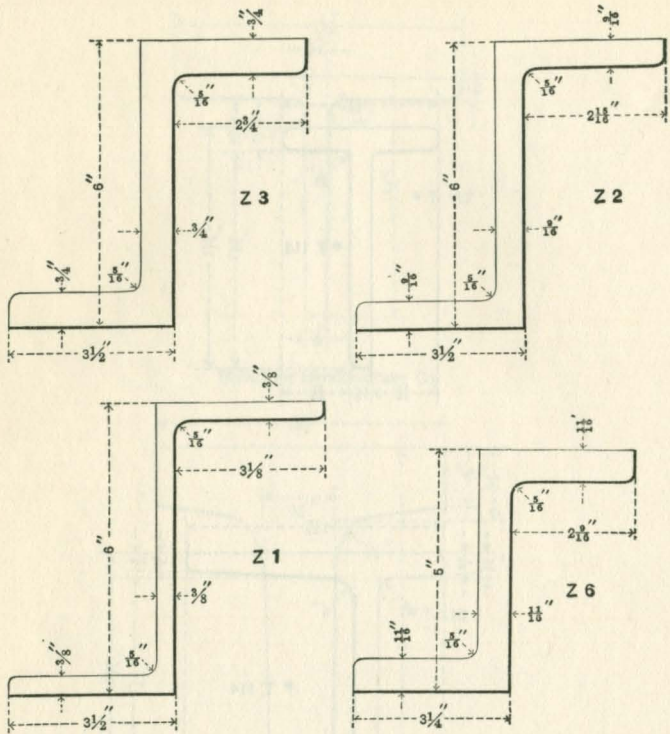
Rolled for Federal Steel Sash Co.

Section Index	Size, Inches	Weight per Foot, Pounds
*T 113	$1\frac{1}{4} \times 1\frac{1}{8} \times \frac{1}{8}$	.8105
*T 114	$1\frac{1}{4} \times 1\frac{1}{2} \times \frac{1}{8}$	.986

*Furnished only by special arrangement.

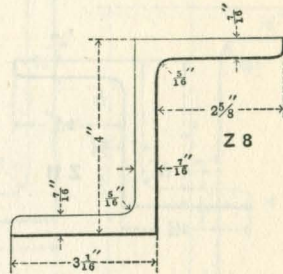
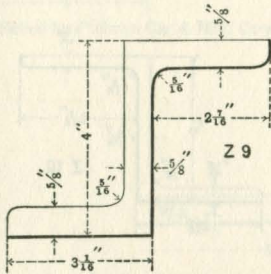
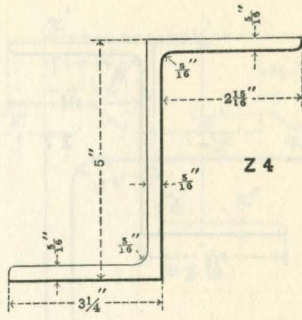
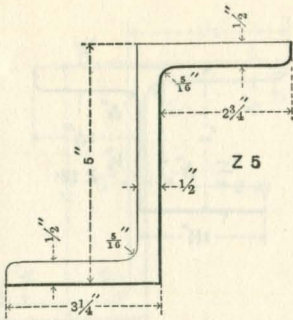
ILLINOIS STEEL COMPANY

ZEES—STRUCTURAL SIZES



Section Index	Size, Inches			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
Z 3	3 $\frac{5}{8}$	6 $\frac{1}{8}$	3 $\frac{5}{8}$	$\frac{7}{8}$	34.6
	3 $\frac{3}{8}$	6 $\frac{1}{8}$	3 $\frac{3}{8}$	$\frac{11}{8}$	32.0
	3 $\frac{1}{2}$	6	3 $\frac{1}{2}$	$\frac{3}{4}$	29.4
Z 2	3 $\frac{5}{8}$	6 $\frac{1}{8}$	3 $\frac{5}{8}$	$\frac{11}{8}$	28.1
	3 $\frac{3}{8}$	6 $\frac{1}{8}$	3 $\frac{3}{8}$	$\frac{5}{8}$	25.4
	3 $\frac{1}{2}$	6	3 $\frac{1}{2}$	$\frac{1}{8}$	22.8
Z 1	3 $\frac{5}{8}$	6 $\frac{1}{8}$	3 $\frac{5}{8}$	$\frac{1}{2}$	21.1
	3 $\frac{3}{8}$	6 $\frac{1}{8}$	3 $\frac{3}{8}$	$\frac{1}{8}$	18.4
	3 $\frac{1}{2}$	6	3 $\frac{1}{2}$	$\frac{3}{8}$	15.7
Z 6	3 $\frac{5}{8}$	5 $\frac{1}{8}$	3 $\frac{5}{8}$	$\frac{11}{8}$	28.4
	3 $\frac{3}{8}$	5 $\frac{1}{8}$	3 $\frac{3}{8}$	$\frac{3}{4}$	26.0
	3 $\frac{1}{4}$	5	3 $\frac{1}{4}$	$\frac{11}{8}$	23.7

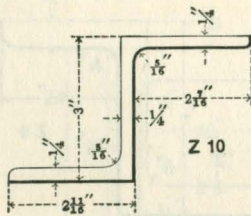
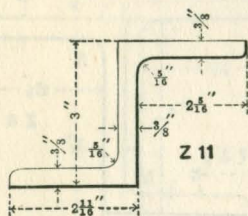
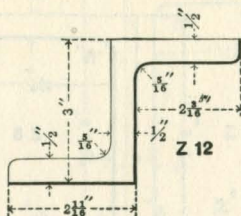
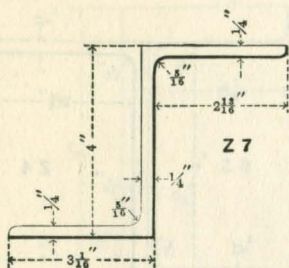
ZEES—STRUCTURAL SIZES—Continued



Section Index	Size, Inches			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
Z 5	3 3/8	5 1/8	3 3/8	5/8	22.6
	3 1/16	5 1/16	3 1/16	1/16	20.2
	3 1/4	5	3 1/4	1/2	17.9
Z 4	3 3/8	5 1/8	3 3/8	1/16	16.4
	3 1/16	5 1/16	3 1/16	3/8	14.0
	3 1/4	5	3 1/4	1/16	11.6
Z 9	3 1/16	4 1/8	3 1/16	3/4	23.0
	3 3/8	4 1/16	3 3/8	1 1/8	20.9
	3 1/16	4	3 1/16	5/8	18.9
Z 8	3 1/16	4 1/8	3 1/16	1/16	18.0
	3 3/8	4 1/16	3 3/8	1/2	15.9
	3 1/16	4	3 1/16	1/16	13.8

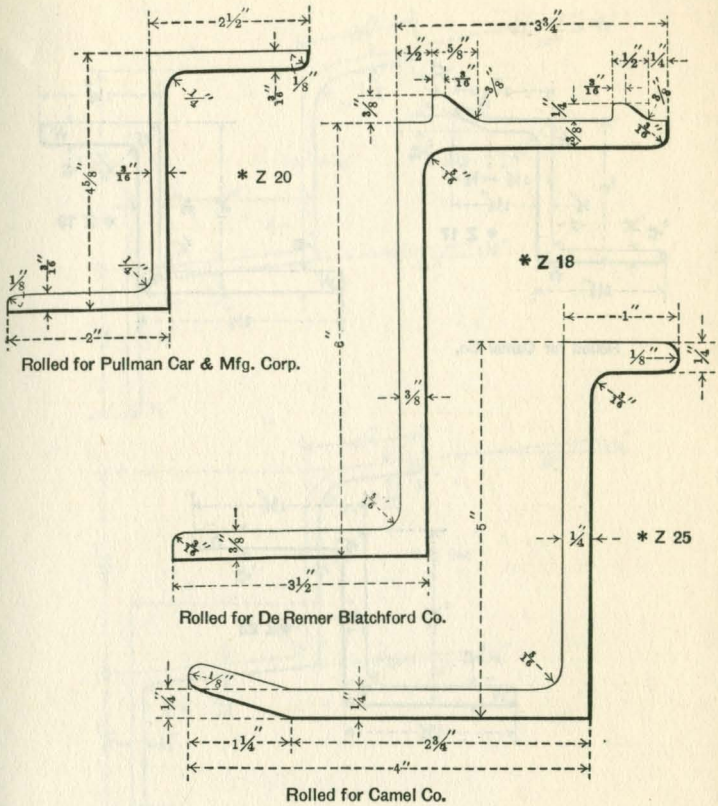
ILLINOIS STEEL COMPANY

ZEES—STRUCTURAL SIZES—Concluded



Section Index	Size, Inches			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
Z 7	3 1/8	4 1/8	3 1/8	3/8	12.5
	3 1/2	4 1/8	3 1/2	1/8	10.3
	3 1/8	4	3 1/8	1/4	8.2
Z 12	2 3/4	3 1/8	2 3/4	1/8	14.3
	2 1/2	3	2 1/2	1/2	12.6
Z 11	2 3/4	3 1/8	2 3/4	1/8	11.5
	2 1/2	3	2 1/2	3/8	9.8
Z 10	2 3/4	3 1/8	2 3/4	1/8	8.5
	2 1/2	3	2 1/2	1/4	6.7

CAR BUILDING ZEES—STRUCTURAL SIZES

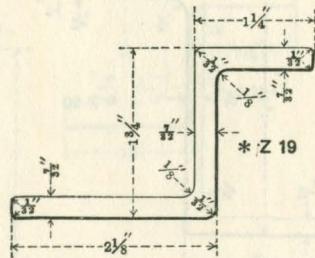
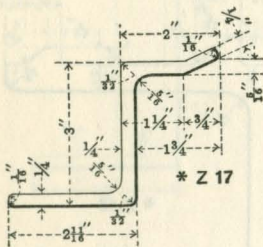


Section Index	SIZE, INCHES			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
*Z 18	$3\frac{3}{4}$	6	$3\frac{1}{2}$	$\frac{3}{8}$	16.67
*Z 20	$2\frac{1}{2}$	$4\frac{5}{8}$	2	$\frac{3}{16}$	5.60
*Z 25	4	5	1	$\frac{1}{4}$	8.078

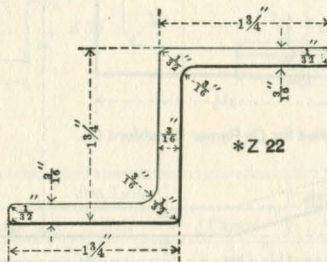
*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

CAR BUILDING ZEES—BAR MILL SIZES



Rolled for Camel Co.

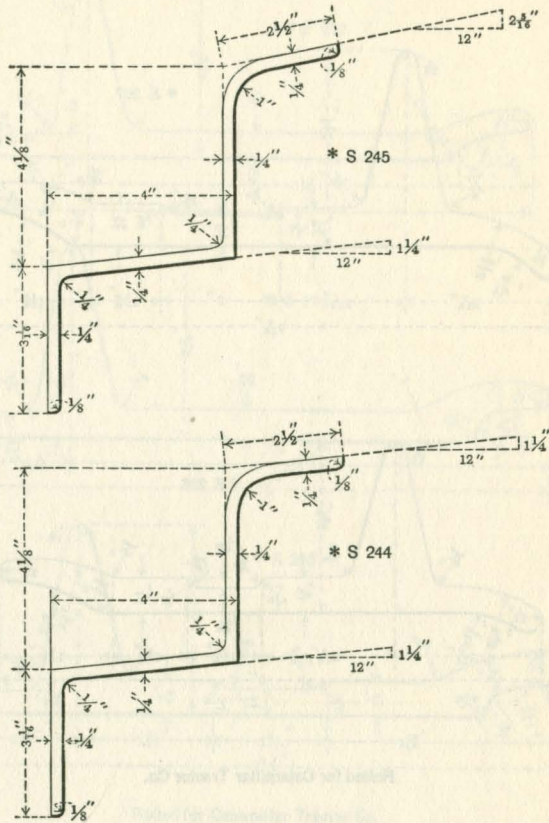


Section Index	SIZE, INCHES			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
*Z 17	2	3	2 1/8	1/4	6.26
*Z 19	1 1/4	1 3/4	2 1/8	3/16	3.49
*Z 22	1 3/4	1 3/4	1 3/4	1/8	3.16

*Furnished only by special arrangement

STRUCTURAL SHAPES

CAR BUILDING SIDE PLATES



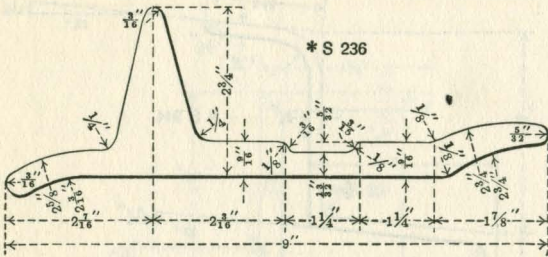
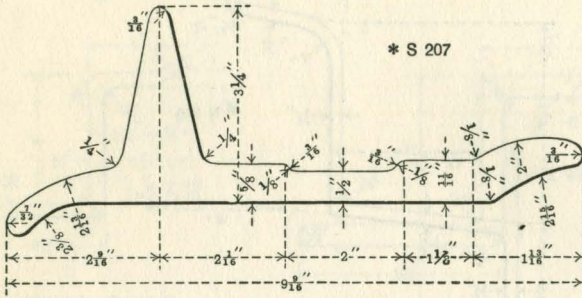
Rolled for Union Metal Products Co.

Section Index	Size, Inches	Weight per Foot, Pounds
*S 244	$3\frac{1}{16} \times 4 \times 4\frac{1}{8} \times 2\frac{1}{2} \times \frac{1}{4}$	10.8
*S 245	$3\frac{1}{16} \times 4 \times 4\frac{1}{8} \times 2\frac{1}{2} \times \frac{1}{4}$	10.8

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

TRACK SHOES



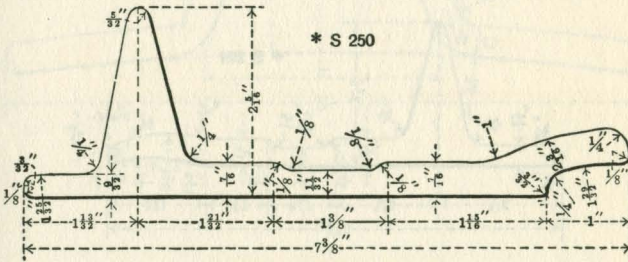
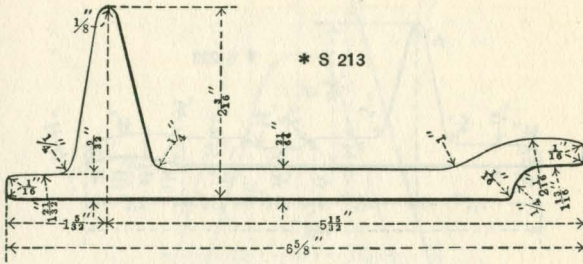
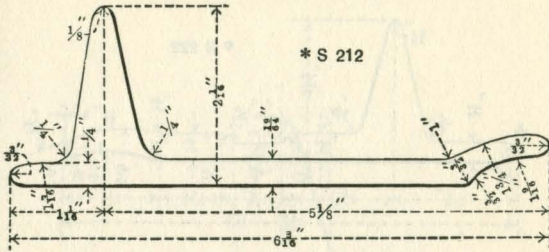
Rolled for Caterpillar Tractor Co.

Section Index	Size, Inches	Weight per Foot, Pounds
*S 207	9 1/8 x 3 1/4 x 1 1/8	26.52
*S 236	9 x 2 3/4 x 1/8	21.42

*Furnished only by special arrangement.

TRACTOR SECTIONS

TRACK SHOES—Continued



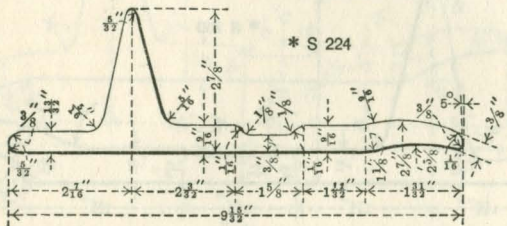
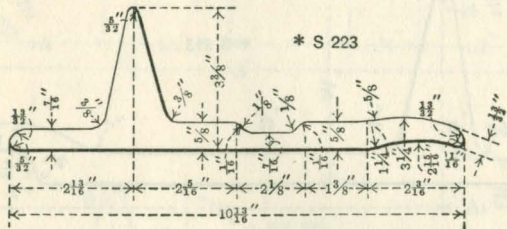
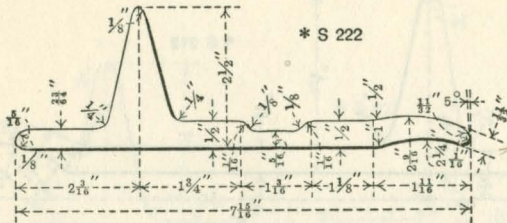
Rolled for Caterpillar Tractor Co.

Section Index	Size, Inches	Weight per Foot, Pounds
*S 212	$6\frac{1}{8} \times 2\frac{1}{8} \times \frac{1}{8}$	9.316
*S 213	$6\frac{5}{8} \times 2\frac{1}{8} \times \frac{1}{8}$	11.084
*S 250	$7\frac{3}{8} \times 2\frac{1}{8} \times \frac{1}{16}$	14.69

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

TRACK SHOES—Concluded

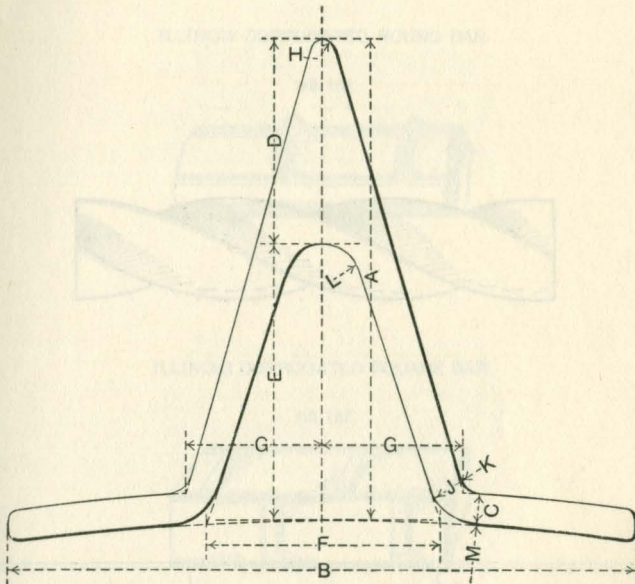


Rolled for Allis Chalmers Mfg. Co.

Section Index	Size, Inches			Weight Per Foot, Pounds
	A	B	C	
*S 222	7 1/8	2 1/2	1/2	15.91
*S 223	10 1/8	3 3/8	5/8	27.20
*S 224	9 1/8	2 7/8	5/8	21.23

*Furnished only by special arrangement.

SPADE LUGS



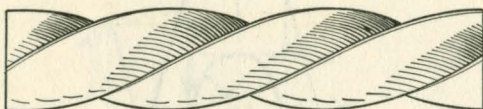
Section Index	A	B	C	D	E	F	G	H	J	K	L	M	Weight per Foot, Pounds
*S 216	5	6 $\frac{3}{4}$	$\frac{1}{8}$	2 $\frac{1}{2}$	2 $\frac{7}{8}$	2 $\frac{3}{8}$	1 $\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{16}$	25	17.00
*S 215	4	5 $\frac{3}{4}$	$\frac{1}{8}$	2 $\frac{1}{2}$	1 $\frac{7}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{1}{16}$	25	13.87
*S 217	3 $\frac{1}{2}$	4 $\frac{7}{8}$	$\frac{1}{4}$	1 $\frac{3}{4}$	1 $\frac{3}{4}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{3}{8}$	19	10.20

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

CONCRETE REINFORCEMENT BARS

COLD TWISTED SQUARE BARS



Size, Inches	Area, Square Inches	Weight per Foot, Pounds
1¼	1.56	5.31
1½	1.27	4.30
1	1.00	3.40
¾	0.79	2.70
⅝	0.61	2.08
⅜	0.45	1.53
⅙	0.32	1.08
½	0.25	0.85
⅓	0.19	0.65
¼	0.11	0.37

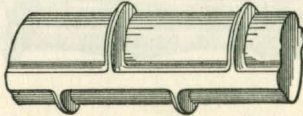
Sizes other than those listed above should be submitted for special consideration. Cold twisted bars will conform to manufacturers standard specifications unless otherwise specified.

CONCRETE REINFORCEMENT BARS

DEFORMED BARS

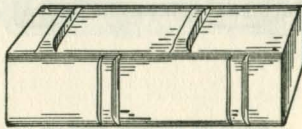
ILLINOIS CORRUGATED ROUND BAR

*S 166



ILLINOIS CORRUGATED SQUARE BAR

*S 167



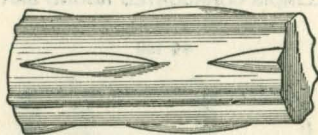
Illinois Corrugated Round Bar			Illinois Corrugated Square Bar		
Section Index	Size Inches	Weight per Foot, Pounds	Section Index	Size, Inches	Weight per Foot, Pounds
*S 166	1	2.67	*S 167	1¼	5.31
	¾	2.04		1⅝	4.30
	¾	1.50		1	3.40
	⅝	1.04		½	0.85
	½	0.67		.....	.....
	⅜	0.38		.....	.....

*Furnished only by special arrangement.

DEFORMED BARS—Continued

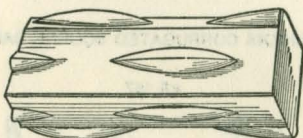
HAVEMEYER ROUND BAR

*S 14



HAVEMEYER SQUARE BAR

*S 15



Rolled for Concrete Steel Co.

Havemeyer Round Bar			Havemeyer Square Bar		
Section Index	Size, Inches	Weight per Foot, Pounds	Section Index	Size, Inches	Weight per Foot, Pounds
*S 14	1	2.67	*S 15	1¼	5.31
	¾	2.04		1⅝	4.30
	¾	1.50		1	3.40
	⅝	1.04		½	0.85
	½	0.67		...	....
	⅜	0.38		...	....

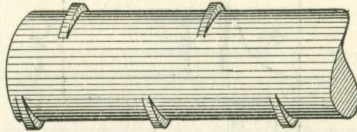
*Furnished only by special arrangement.

CONCRETE REINFORCEMENT BARS

DEFORMED BARS—Concluded

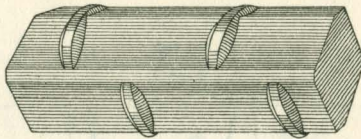
RIB ROUND BAR

*S 162



RIB SQUARE BAR

*S 132



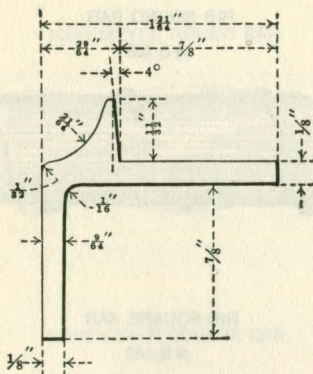
Rolled for Truscon Steel Co.

RIB ROUND BAR			RIB SQUARE BAR		
Section Index	Size, Inches	Weight per Foot, Pounds	Section Index	Size, Inches	Weight per Foot, Pounds
*S 162	1	2.67	*S 132	1¼	5.31
	¾	2.04		1⅝	4.30
	¾	1.50		1	3.40
	⅝	1.04		½	0.85
	½	0.67		....	....
	⅜	0.38		....	....

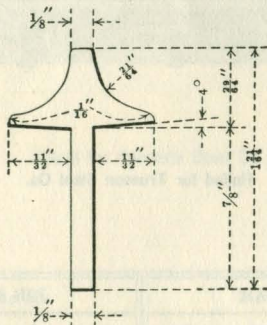
*Furnished only by special arrangement.

SASH SECTIONS

* S 160



* S 163



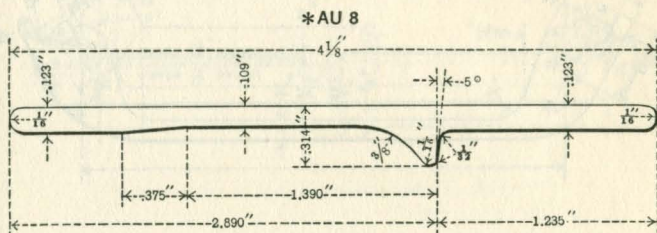
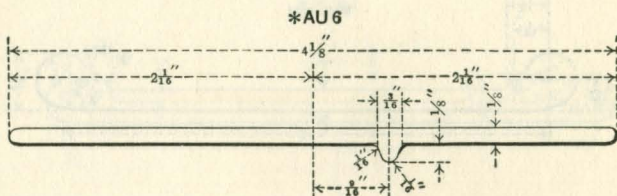
Rolled for Detroit Steel Products Co.

Section Index	Size, Inches	Weight per Foot, Pounds
*S 160	1 1/4 x 7/8 x 1/8 and 1/8	1.15
*S 163	1 1/4 x 7/8 x 1/8	0.88

*Furnished only by special arrangement.

AUTOMOBILE SECTIONS

AUTOMOBILE RIM SECTIONS



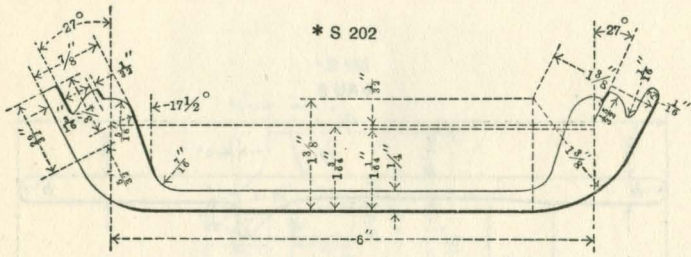
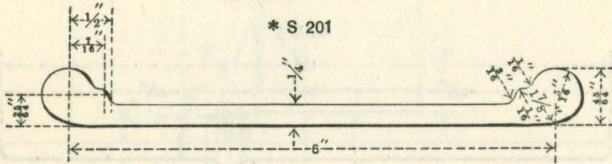
Rolled for Kalsey Hayes Wheel Corp.

Section Index	Size, Inches	Weight per Foot, Pounds
*AU 6	$4\frac{1}{8} \times \frac{1}{8}$	1.86
*AU 8	$4\frac{1}{8} \times .123$	1.74

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

AUTOMOBILE DOOR HINGE SECTIONS



Rolled for Atwood Vacuum Machine Co.

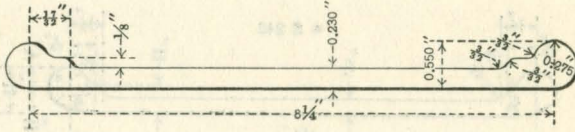
Section Index	Size, Inches	Weight per Foot, Pounds
*S 201	See Sketch	7.344
*S 202	See Sketch	12.002

*Furnished by special arrangement.

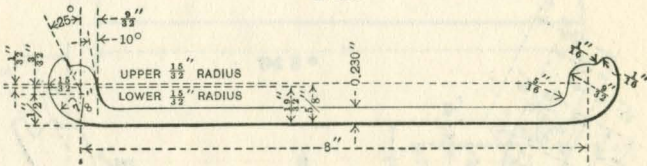
AUTOMOBILE SECTIONS

AUTOMOBILE DOOR HINGE SECTIONS—Continued

* S 204



* S 203



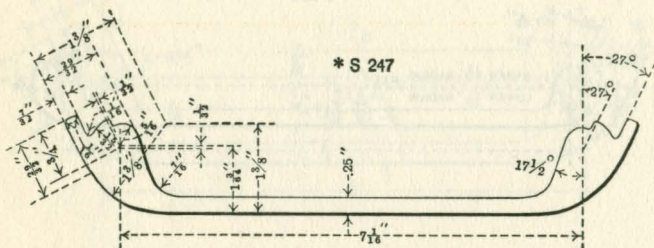
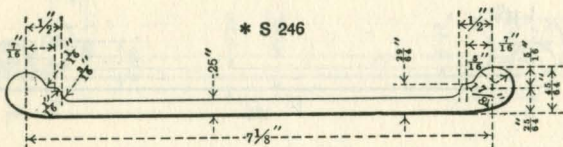
Rolled for Atwood Vacuum Machine Co.

Section Index	Size, Inches	Weight per Foot, Pounds
*S 204	See Sketch	8.228
*S 203	See Sketch	9.928

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

AUTOMOBILE DOOR HINGE SECTIONS—Concluded



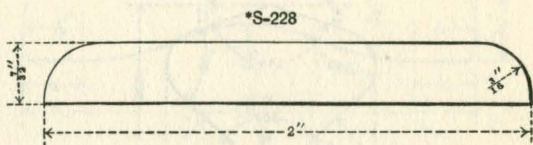
Rolled for Atwood Vacuum Machine Co.

Section Index	Size, Inches	Weight per Foot, Pounds
*S 246	$7\frac{1}{8} \times \frac{3}{16} \times .25$	8.04
*S 247	$7\frac{1}{8} \times 1\frac{3}{8} \times .25$	12.82

*Furnished only by special arrangement.

AUTOMOBILE SECTIONS

AUTOMOBILE CLAMP SECTION



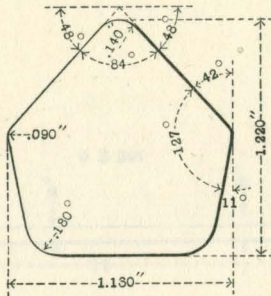
Section Index	Size, Inches	Weight per Foot, Pounds
*S 228	$2 \times \frac{1}{8}$	1.436

*Furnished only by special arrangement.

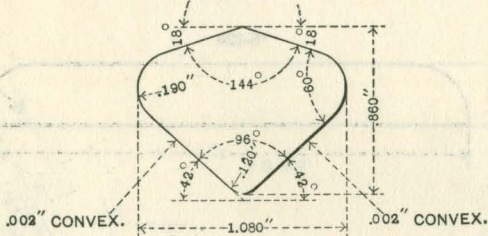
ILLINOIS STEEL COMPANY

FRICTION SPRING SECTIONS

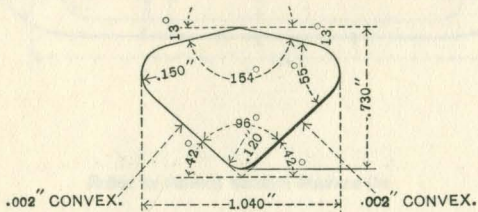
*S 174



*S 176



*S 175



Rolled for Detroit Steel Products Co.

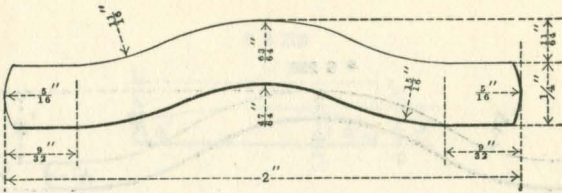
Section Index	Size, Inches	Weight per Foot, Pounds
*S 174	As shown above	3.67
*S 176	As shown above	2.05
*S 175	As shown above	1.77

*Furnished only by special arrangement.

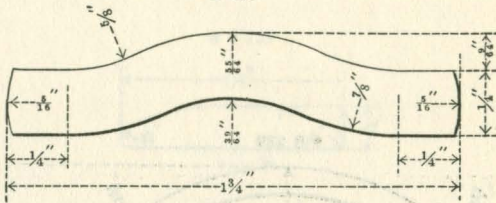
AUTOMOBILE SECTIONS

AUTOMOBILE BUMPER SECTIONS

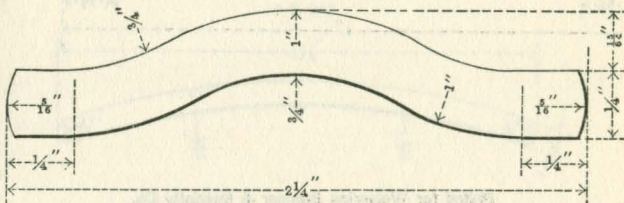
* S 198



* S 199



* S 214



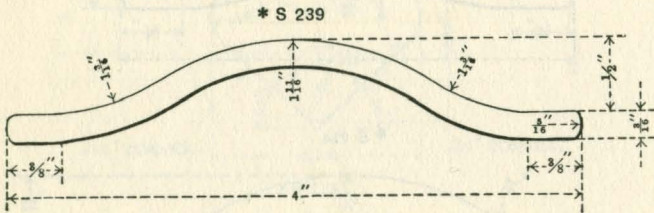
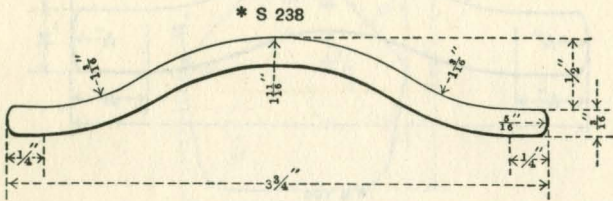
Rolled for Wolverine Bumper & Specialty Co.

Section Index	Size, Inches	Weight per Foot, Pounds
*S 198	$2 \times \frac{1}{4}$ $2 \times \frac{1}{16}$	1.70 1.258
*S 199	$1\frac{3}{4} \times \frac{1}{4}$	1.462
*S 214	$2\frac{1}{4} \times \frac{1}{4}$ $2\frac{1}{4} \times \frac{1}{16}$	1.972 1.462

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

AUTOMOBILE BUMPER SECTIONS—Continued



Rolled for Wolverine Bumper & Specialty Co.

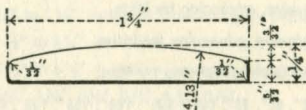
Section Index	Size, Inches	Weight per Foot, Pounds
*S 238	$3\frac{3}{4} \times \frac{3}{16}$	2.49
*S 239	$4 \times \frac{3}{16}$	2.65

*Furnished only by special arrangement.

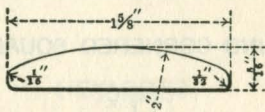
AUTOMOBILE SECTIONS

AUTOMOBILE BUMPER SECTIONS—Concluded

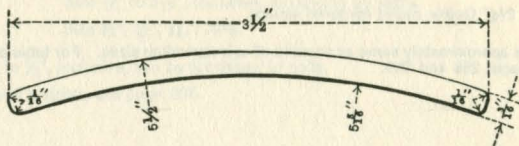
* S 225



* S 235



* S 242

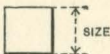


Section Index	Size, Inches	Weight per Foot, Pounds
*S 225	$1\frac{3}{4} \times \frac{1}{4}$	1.299
*S 235	$1\frac{5}{8} \times \frac{1}{8}$	1.428
*S 242	$3\frac{1}{2} \times \frac{1}{8}$	2.26

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

SQUARES



Size $\frac{1}{4}$ " to $\frac{1 1}{8}$ ", inclusive, advancing by 32ds.

Size $\frac{7}{8}$ " to $2 \frac{3}{8}$ ", inclusive, advancing by 16ths.

Size $2 \frac{1}{2}$ " to $3 \frac{1}{2}$ ", inclusive, advancing by 4ths.

Size $\frac{2 1}{2}$ ", $\frac{2 3}{4}$ ", $\frac{3 1}{4}$ ", $\frac{3 3}{4}$ ", $\frac{4 1}{4}$ ", $\frac{4 3}{4}$ ", $\frac{5 1}{4}$ ", $1 \frac{5}{8}$ ", $1 \frac{3}{4}$ ", $1 \frac{1}{2}$ ", $1 \frac{1}{4}$ ", $1 \frac{1}{8}$ ", $2 \frac{5}{8}$ ", $2 \frac{7}{8}$ ", 4"

Size various decimals from .314 to 1.378

Sizes up to and including $\frac{7}{8}$ " can be furnished in coils.

For table of weights, see pages 258 and 259.

ROUND CORNERED SQUARES



Size $\frac{3}{4}$ ", $\frac{7}{8}$ ".

Size $1 \frac{1}{2}$ " to $3 \frac{7}{8}$ ", inclusive, advancing by 8ths.

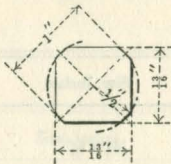
Size $1 \frac{1}{2}$ ", $2 \frac{3}{16}$ ", $2 \frac{1}{8}$ ", $2 \frac{1}{4}$ ", $3 \frac{3}{16}$ ", 4", $4 \frac{5}{8}$ ".

$2 \frac{3}{4}$ " Gothic round cornered square.

Weights approximately same as squares of corresponding sizes. For table of weights, see pages 258 and 259.

SPECIAL ROUND CORNERED SQUARE

*S-206

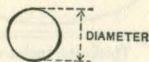


Weight
per foot
pounds
2.176

*Furnished only by special arrangement.

ROUNDS AND HEXAGONS

ROUNDS



Size $\frac{1}{8}$ " to $1\frac{5}{8}$ ", inclusive, advancing by 64ths.

Size $1\frac{1}{8}$ " to $5\frac{1}{4}$ ", inclusive, advancing by 16ths.

Size $5\frac{3}{8}$ " to $6\frac{1}{8}$ ", inclusive, advancing by 8ths.

Size $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", $2\frac{1}{8}$ ", $2\frac{1}{2}$ ", $5\frac{5}{8}$ ", $6\frac{1}{8}$ ".

Size various decimals from .304 to 2.362.

Sizes up to $1\frac{5}{8}$ ", inclusive, can be furnished in coils.

For table of weights, see pages 258 and 259.

Sizes not within this range may be submitted for consideration.

HEXAGONS



Size $\frac{1}{8}$ " to $\frac{3}{8}$ ", inclusive, advancing by 32ds.

Size $\frac{1}{2}$ " to $3\frac{1}{8}$ ", inclusive, advancing by 16ths.

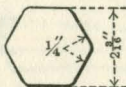
Size $\frac{3}{4}$ ", $\frac{7}{8}$ ", $\frac{1}{2}$, 1.418.

Sizes up to $\frac{3}{8}$ ", inclusive, can be furnished in coils.

For table of weights, see page 261.

SPECIAL HEXAGON—ROUND CORNERS

*S-219



Weight per foot pounds 14.11

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

OVALS



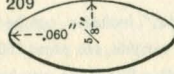
Width, Inches	Thickness, Inches and Weight Per Foot					
	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{21}{64}$	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{5}{8}$
1	.....	.....	.....	.....	.....	.....
$\frac{7}{8}$	0.635	0.770	0.874	1.029	1.188	.....
$\frac{3}{4}$	0.550	0.668	.....	0.909	1.054	.....
$\frac{5}{8}$	0.464	0.568	.....	0.792	0.921	.....
$\frac{3}{8}$	.....	.....	.....	0.677	.....	.....
$\frac{1}{8}$	0.422	0.519	.....	.....	.....	.....

Sizes not included in above may be submitted for consideration.

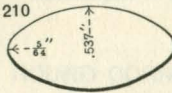
* S 208



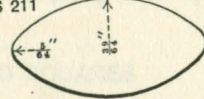
* S 209



* S 210

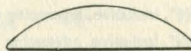


* S 211



Section Index	Size, Inches	Pounds
*S 208	$\frac{5}{8}$ x $\frac{5}{8}$	.510
*S 209	$\frac{3}{4}$ x $\frac{3}{8}$	.585
*S 210	$\frac{3}{4}$ x $\frac{3}{8}$	.720
*S 211	$\frac{1}{2}$ x $\frac{1}{8}$	.920

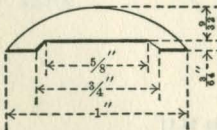
HALF OVALS



Width, Inches	Thickness, Inches and Weight Per Foot						
	$\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{1}{8}$
$2\frac{1}{2}$	1.793	.....
2	1.444	.....
$1\frac{3}{4}$	1.271	.....
$1\frac{1}{2}$	1.099	1.819
$1\frac{1}{4}$	0.928	.....
$1\frac{1}{8}$	0.752	.....	.....	.....
1	0.594	.....	.....	.....	.....
$\frac{7}{8}$	0.455	0.527	.....	.....	.....	.....
$\frac{3}{4}$	0.334	0.396	0.460	.....	.....	.....	.....

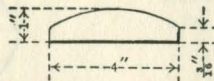
Sizes not included in above may be submitted for consideration.

*S 257



Wt. Per Foot .578
Rolled for Superior Metal Products

*S 258

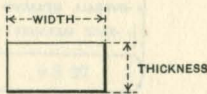


Weight Per Foot, 10.27 Pounds
Rolled for Paper Calmenson & Co.

*Furnished by special arrangement.

FLAT ROLLED STEEL

SQUARE EDGE FLATS



$\frac{1}{2}$ " to 2" wide x $\frac{1}{4}$ " to $1\frac{3}{4}$ " thick.
 $2\frac{1}{8}$ " to $6\frac{1}{8}$ " wide x $\frac{1}{4}$ " to $2\frac{1}{2}$ " thick.
 $6\frac{1}{4}$ " x $\frac{1}{4}$ ", $3\frac{1}{2}$ " x $2\frac{3}{8}$ ", $5\frac{1}{4}$ " x $2\frac{3}{4}$ "

Sizes not within this range may be submitted for consideration.
 For tables of weights, see pages 217 to 249, inclusive.

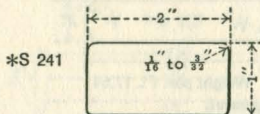
NUT STEEL FLATS

$\frac{11}{16}$ " x $\frac{7}{16}$ " to $1\frac{5}{16}$ " x $\frac{3}{8}$ "
 $1\frac{1}{16}$ " x $\frac{1}{16}$ " to 3" x $2\frac{1}{16}$ "

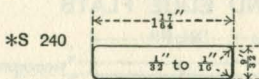
*Can be furnished in oscillating coils.

For tables of weights, see pages 217 to 249, inclusive.

ROUND CORNERED FLATS



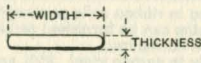
Weight per foot 6.788



Weight
per foot
1.21

*Furnished only by special arrangement.

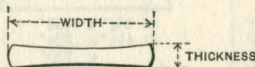
ROUND EDGE SPRING STEEL



From $\frac{1}{2}$ " to 6", inclusive, in width.
 From $\frac{1}{16}$ " to 1", inclusive, in thickness.

Sizes not within this range may be submitted for consideration.
 For tables of weights, see pages 253 to 256, inclusive.

ROUND EDGE CONCAVE OR VEHICLE SPRING STEEL



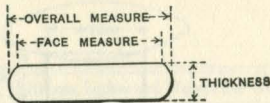
$1\frac{1}{4}$ "	x $\frac{1}{4}$ " to #3	4"	x $\frac{1}{4}$ " to $\frac{5}{8}$ "
$1\frac{1}{2}$ " to $2\frac{1}{2}$ "	x #7 to $\frac{3}{8}$ "	$4\frac{1}{2}$ " to 5"	x $\frac{3}{8}$ " to $\frac{1}{2}$ "
3"	x #2 to $\frac{3}{8}$ "	$5\frac{1}{2}$ "	x $\frac{3}{8}$ "
$3\frac{1}{2}$ "	x $\frac{3}{8}$ " to $\frac{1}{2}$ "	6"	x $\frac{1}{4}$ " to $\frac{1}{2}$ "

Sizes not within this range may be submitted for consideration.

Weights of C. R. E. O. A. flats approximate those of round edge flats.

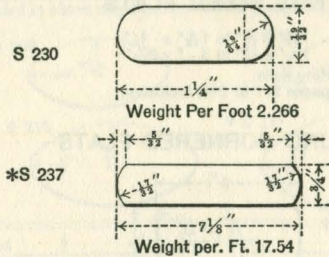
ILLINOIS STEEL COMPANY

ROUND EDGE FLATS, INCLUDING ROUND EDGE TIRE



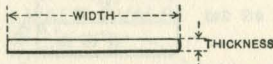
We can furnish Round Edge Flats to either face or overall measure.
 From $\frac{1}{2}$ " to 6", inclusive, in width.
 From $\frac{1}{8}$ " to 1", inclusive, in thickness.
 Sizes not within this range may be submitted for consideration.
 For tables of weights, see pages 253 to 256, inclusive.

SPECIAL ROUND EDGE OVERALL FLATS



*Furnished only by special arrangement.

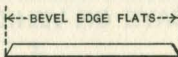
BAND EDGE FLATS



$\frac{1}{2}$ " to 2"	x .062" to $\frac{7}{8}$ "	10" to 16"	x .058" to $\frac{1}{2}$ "
$\frac{2}{2}$ " to 4"	x .062" to $\frac{5}{8}$ "	10" to 20"	x .065" to $\frac{1}{2}$ "
4" to 6"	x .062" to $\frac{3}{8}$ "	10" to 24"	x .062" to $\frac{1}{2}$ "
6" to 10"	x .062" to 1"	10" to 27"	x .090" to $\frac{1}{2}$ "
10" to 14"	x .049" to $\frac{1}{2}$ "	10" to 27 $\frac{1}{4}$ "	x .187" to $\frac{1}{2}$ "

Above can be furnished in ribbon coils or straight lengths.
 Coils and straight lengths can be furnished pickled and oiled or limed.
 Straight lengths can be normalized.
 Gauge limitations apply to carbon steel .25% and under.
 Higher carbon should be taken up before placing orders.
 Sizes not within this range may be submitted for consideration.
 For tables of weights, see pages 205 to 216 inclusive.

BEVEL EDGE FLATS



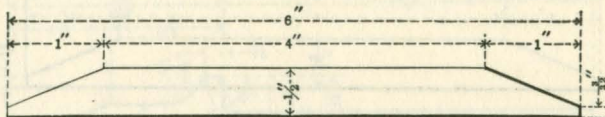
$2\frac{5}{8}$ " x .102"	$3\frac{1}{4}$ " x .158"	$9\frac{1}{4}$ " x .194"
x .106"	$4\frac{1}{8}$ " x .124"	x .197"
x .143"	x .130"	$9\frac{3}{8}$ " x .197"
$2\frac{11}{16}$ " x .148"	x .174"	$11\frac{1}{4}$ " x .203"
$3\frac{1}{4}$ " x .106"	$4\frac{3}{16}$ " x .130"	x .210"
x .110"	$5\frac{1}{16}$ " x .136"	$14\frac{3}{8}$ " x .231"
x .150"	$7\frac{1}{16}$ " x .150"	

The above sizes can be beveled 10 to 15 degree.
 Sizes not listed should be submitted for consideration.
 See pages 253 to 256, inclusive for approximate weights.

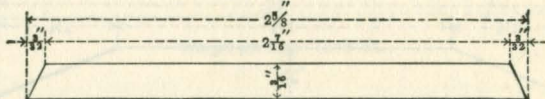
BEVEL SECTIONS

BEVEL EDGE FLATS

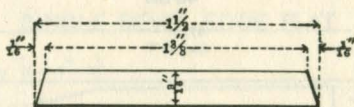
*S 20



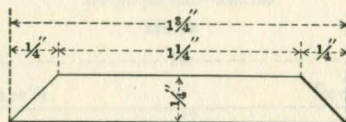
*S 21



*S 107



*S 182



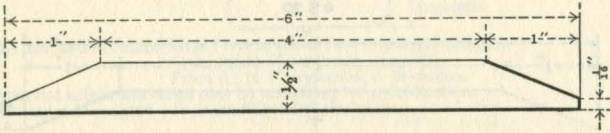
Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*S 20	6	$\frac{5}{8}$	11.4
	6	$\frac{1}{2}$	8.8
	6	$\frac{7}{8}$	7.8
	6	$\frac{3}{8}$	6.7
	6	$\frac{1}{8}$	5.6
*S 21	$2\frac{7}{8}$	$\frac{1}{8}$	1.6
*S 107	$1\frac{1}{2}$	$\frac{1}{8}$	0.9
*S 182	$1\frac{1}{4}$	$\frac{1}{4}$	1.3

*Furnished only by special arrangement.

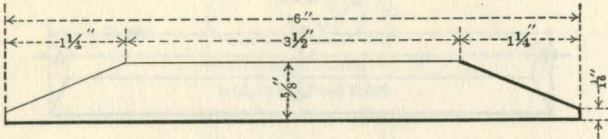
ILLINOIS STEEL COMPANY

BEVEL EDGE FLATS—Concluded

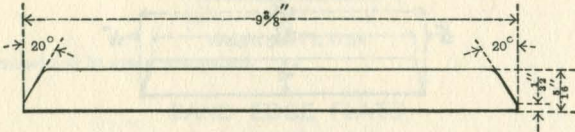
*S 190



*S 191

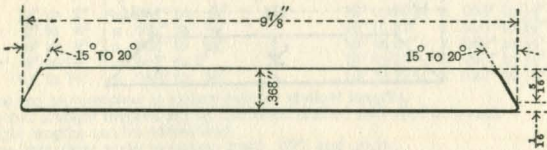


*S 259



Rolled for Clark Equipment Co.

*S 243



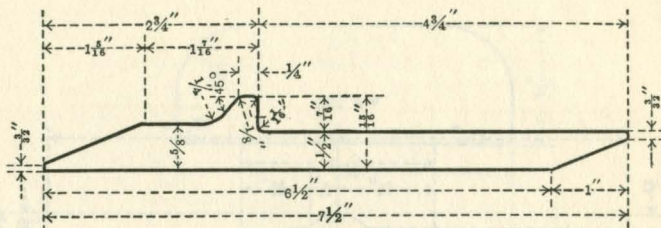
Rolled for Clark Equipment Co.

Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*S 190	6	1/2	8.7
	6	3/8	6.6
	6	1/8	5.5
*S 191	6	5/8	10.4
*S 259	9 7/8	5/8	9.87
*S 243	9 7/8	.368	12.2

*Furnished only by special arrangement.

MOULD BOARD REINFORCEMENT

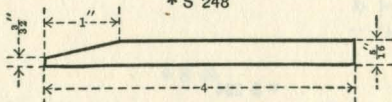
* S 249



Weight per foot—12.48 lbs.

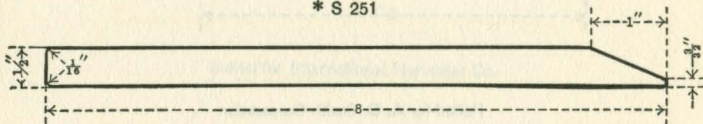
SINGLE BEVEL EDGE FLAT

* S 248



Weight per foot—3.88 lbs.

* S 251



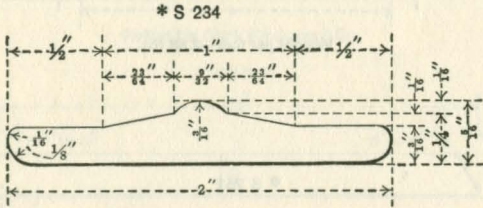
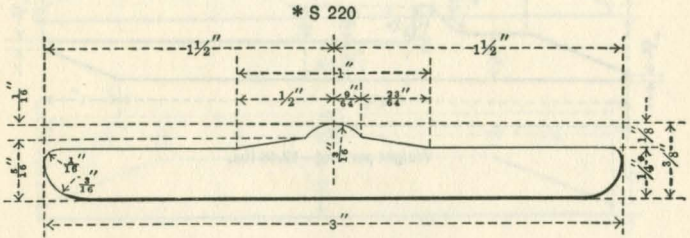
Weight per foot—12.9 lbs.

Rolled for Caterpillar Tractor Co.

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

SPECIAL CENTERING RINGS FOR PIPE



Rolled for A. O. Smith Corporation

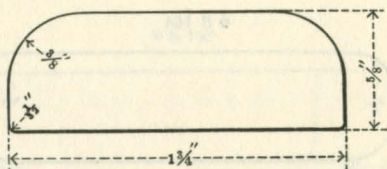
Section Index	Size, Inches	Weight per Foot, Pounds
*S 220	3 x 1/4 to 3/8	2.618
*S 234	2 x 1/8	1.37

*Furnished only by special arrangement.

AGRICULTURAL SECTIONS

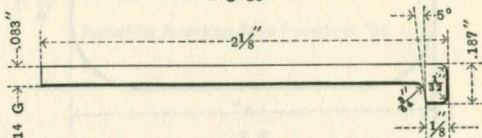
CYLINDER LAG

S 103

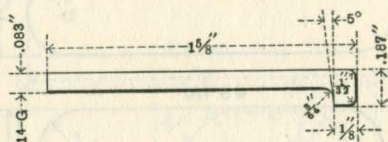


WEARING PLATES

* S 30



* S 29



Rolled for International Harvester Co.

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
S 103	1 3/4	5/8	3.51
*S 30	2 1/8 2 3/8	No. 12 B. W. G. No. 14 B. W. G.	0.83 0.64
*S 29	1 5/8 1 3/8	No. 12 B. W. G. No. 14 B. W. C.	0.65 0.50

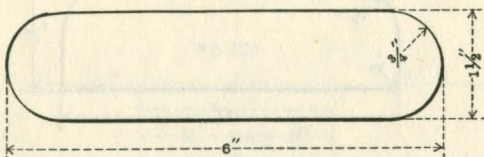
*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

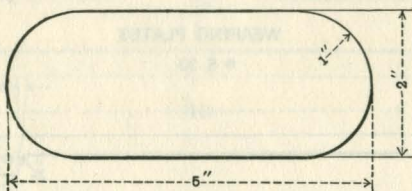
CAR BUILDING SECTIONS

KEY SECTIONS

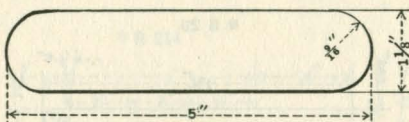
* S 164



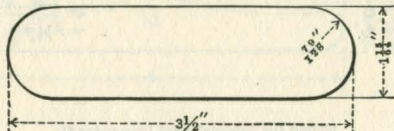
*S181



S 7



* S 170



Rolled for American Steel Foundries Co.

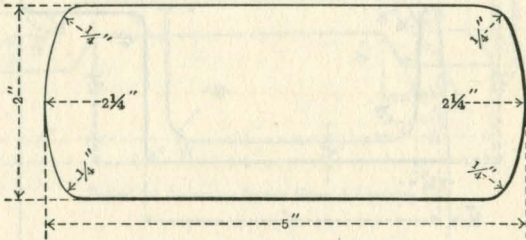
Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*S 164	6	1 1/2	29.0
*S 181	5	2	31.1
S 7	5	1 1/8	18.2
*S 170	3 1/2	1 1/4	13.6

*Furnished only by special arrangement.

CAR BUILDING SECTIONS

KEY SECTION

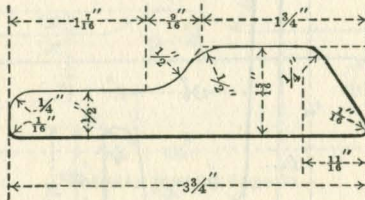
* S 195



Rolled for American Steel Foundries Co.

BELT RAIL

* S 142



Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*S 195	5	2	32.98
*S 142	3 3/4	1/2 and 1 1/8	8.3

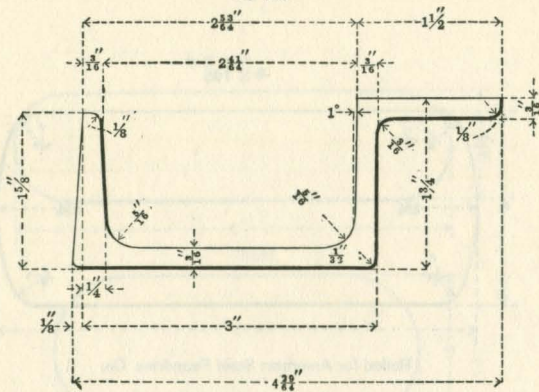
*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

CAR BUILDING SECTIONS—Continued

ELLIOTT TRACK

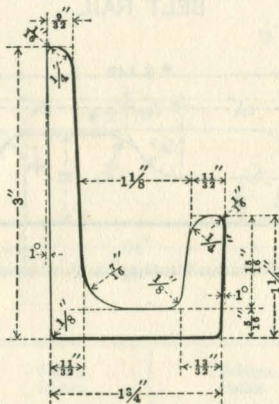
*S 100



Rolled for Camel Co.

CAR DOOR TRACK

* S 133



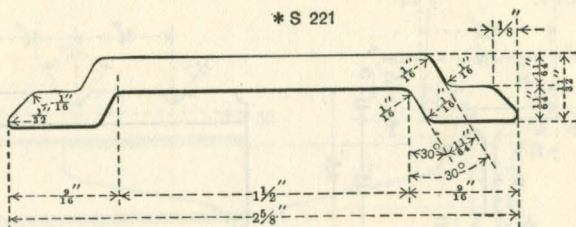
Section Index	Size, Inches	Weight per Foot, Pounds
*S 100	$4\frac{1}{4}$ x $1\frac{1}{8}$ x $1\frac{3}{4}$ x $\frac{1}{8}$	5.40
*S 133	$1\frac{3}{4}$ x 3 x $1\frac{1}{4}$ x various	5.96

*Furnished only by special arrangement.

CAR BUILDING SECTIONS

BRAKE SHOE

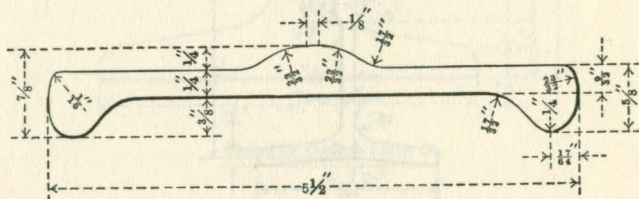
* S 221



Rolled for American Brake Shoe & Foundry Co.

BRAKE LEVER SECTION

* S 173



Rolled for Steel Car Forge Co.

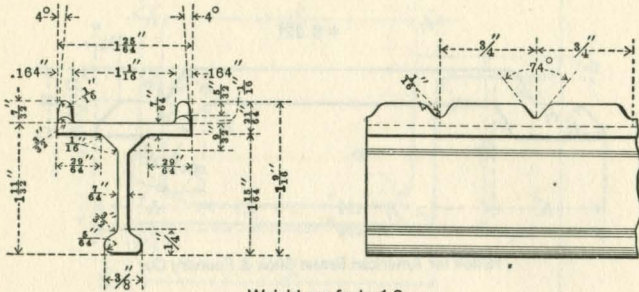
Section Index	Size, Inches	Weight per Foot, Pounds
*S 221	2 7/8 x 1/8	1.598
*S 173	5 1/2 x 3/8 x 1/4	6.8

*Furnished only by special arrangement.

FENCE POST SECTIONS

BANNER FENCE POST

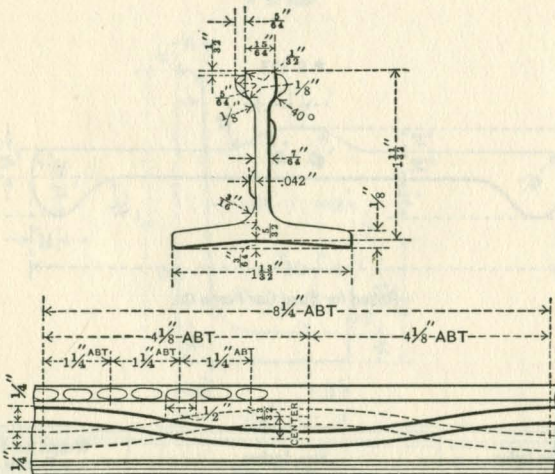
*S 183



Weight per foot—1.3
Rolled for American Steel & Wire Co.

STERLING FENCE POST

*S 256



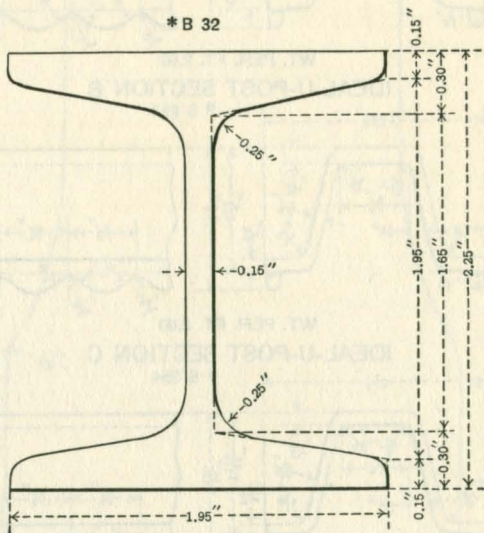
Weight per foot—1.30 lbs.
Rolled for American Steel & Wire Co.

*Furnished only by special arrangement.

FENCE POST SECTIONS

I-BEAM FENCE POST

*B 32



Rolled for Cyclone Fence Co.

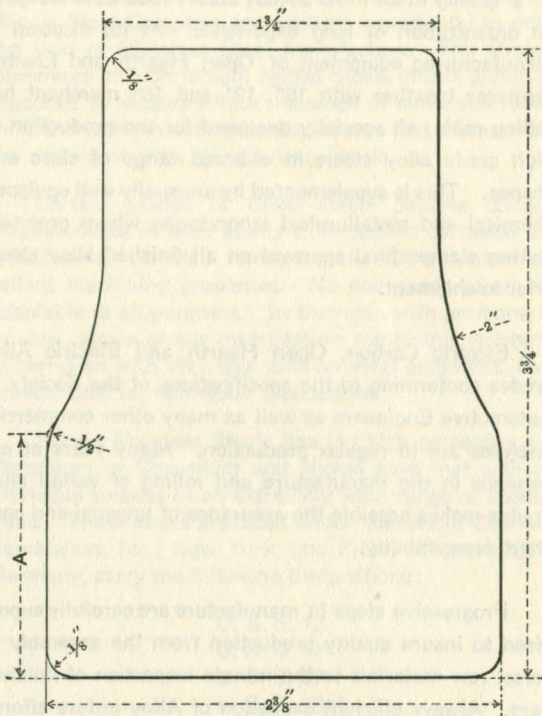
Section Index	Size, Inches	Weight per Foot Pounds
*B 32	$2\frac{1}{4} \times 1.95 \times .15$	4.03

*Furnished only by special arrangement.

RAIL CLAMPS

RAIL CLAMP SECTION

*S 153



Section Index	Width, Inches	A Inches	B Inches	Weight per Foot, Pounds
*S 153	$2\frac{3}{8}$ and $1\frac{3}{4}$	$1\frac{1}{8}$	$3\frac{3}{4}$	26.29

*Furnished only by special arrangement.

ALLOY STEELS

RESPONSIBILITY for the maintenance of uniform quality in all Illinois Alloy Steel Products is vested in an organization of long experience. At its disposal is manufacturing equipment of Open Hearth and Electric Furnaces together with 16", 12" and 10" merchant bar rolling mills; all specially designed for the production of high grade alloy steels in a broad range of sizes and shapes. This is supplemented by unusually well equipped chemical and metallurgical laboratories where precision testing stamps final approval on all finished alloy steels prior to shipment.

Electric Carbon, Open Hearth and Electric Alloy grades conforming to the specifications of the Society of Automotive Engineers as well as many other commercial analyses are in regular production. Many years of experience in the manufacture and rolling of varied alloy grades makes possible the assurance of unusual and constant dependability.

Progressive steps in manufacture are carefully supervised to insure quality production from the assembly of select raw materials to the minute inspection of finished bars. Always efficient execution of Alloy orders affords prompt shipment of quality steels to effectively meet all exacting specifications.

Distinctive quality is assured in

ILLINOIS *alloy* STEEL

STAINLESS AND HEAT RESISTING ALLOY STEELS

A VAILABILITY of manufacturing and rolling facilities for the production of high grade Alloy Steels afforded Illinois Steel Company an excellent opportunity to enter the field of Stainless Steel manufacture. The straight Chromium and Chromium Nickel Steels of this group are produced in shapes within the scope of numerous rolling mills and with the same pronounced care that characterizes the making of other Illinois Alloy Steels.

Certain grades of these steels possess unusual characteristics in their ability to withstand corrosion and oxidation at elevated temperatures. Others have excellent machining properties. No one grade is equally adaptable to all purposes. In the main with permanence in view, steels of our manufacture combining resistance to corrosion with very desirable physical properties, have proven ideal for numerous applications.

Illinois Stainless Steels bearing high percentages of Chromium or Chromium and Nickel have met with remarkable success in an extremely wide range of applications. These steels produced under licenses of Chemical Foundation, Inc., New York, and Fried, Krupp A. G. of Germany, carry the following designations:

U. S. S. 12
U. S. S. 17
U. S. S. 27
U. S. S. 18-8
U. S. S. 18-12
U. S. S. 25-12

For genuine dependability, adopt



STAINLESS AND HEAT RESISTING ALLOY STEELS

ILLINOIS STEEL COMPANY

APPROXIMATE MAXIMUM SIZES OF SHEARED PLATES RECTANGULAR AND CIRCULAR

Thickness	ALL DIMENSIONS SHOWN IN INCHES												Diameter		
	150 Wide	144 Wide	138 Wide	132 Wide	126 Wide	120 Wide	108 Wide	96 Wide	90 Wide	84 Wide	72 Wide	55 Wide		48 Wide	30 Wide
1/8										720	720	720	720	720	84
1/8										720	720	720	720	720	84
1/4			335	355	370	390	430	485	520	720	720	720	720	720	144
1/8	250	320	350	370	390	410	450	500	530	720	720	720	720	720	152
3/8	275	330	360	385	400	420	470	530	560	720	720	720	720	720	152
1/8	300	340	380	400	420	440	485	545	585	720	720	720	720	720	152
1/8	330	370	390	410	430	450	505	570	610	720	720	720	720	720	152
1/8	350	370	390	410	430	450	505	570	610	650	700	720	720	720	152
5/8	350	370	390	410	430	450	505	570	610	650	700	720	720	720	152
1 1/8	350	370	390	410	430	450	505	570	610	650	700	720	720	720	152
3/4	350	370	390	410	430	450	505	570	610	650	700	720	720	720	152
1 1/8	340	370	390	410	430	450	505	570	610	650	700	480	480	480	152
7/8	330	370	390	410	430	450	505	570	610	650	700	480	480	480	152
1	320	345	360	380	400	420	465	520	550	600	700	480	480	480	152
1 1/8	310	325	340	355	375	395	440	490	520	565	650	480	480	480	152
1 1/4	300	310	320	330	350	370	410	460	490	530	620	480	480	480	152
1 1/2	260	270	280	290	305	320	360	400	430	465	540	310	324	480	152
1 3/4	230	240	250	265	280	290	320	360	390	415	485	280	300	480	152
2	210	230	240	250	265	275	305	345	370	395	460	250	264	480	152
2 1/4	190	200	210	225	235	245	270	300	320	350	410	250	264	480	152

Plates 24" wide and under by 3/8" thick and heavier also plates up to 60" wide by 1/4" thick and heavier, can be rolled on the Universal Mills.
 Plates of greater dimensions than shown in above table may be submitted for special consideration.
 For greater lengths and Universal Mill sizes, see Universal Mill Plate Table.

Any intermediate widths or thickness can be furnished.

FLAT ROLLED STEEL

TABLE OF APPROXIMATE SIZES OF UNIVERSAL PLATES—RECTANGULAR

ALL DIMENSIONS SHOWN IN INCHES

Thickness of Plate	ALL DIMENSIONS SHOWN IN INCHES												
	60 to 57 Incl. Wide	56 to 53 Incl. Wide	52 to 49 Incl. Wide	48 to 43 Incl. Wide	42 to 37 Incl. Wide	36 to 31 Incl. Wide	30 to 25 Incl. Wide	24 to 15 Incl. Wide	14 to 10 Incl. Wide	9 Wide	8 Wide	7 Wide	6½ Wide
1½	800	900	1000	1200	1500	1550	1620	960	960	960	960	960	960
¾	1000	1100	1200	1440	1500	1550	1620	1620	1080	960	960	960	960
1	1080	1200	1380	1440	1500	1550	1620	1620	1080	960	960	960	960
¾	1080	1200	1380	1440	1500	1550	1620	1620	1080	960	960	960	960
½	1080	1100	1300	1400	1500	1550	1620	1620	1080	960	960	960	960
5/8	1080	1080	1250	1380	1500	1550	1620	1620	1080	960	960	960	720
1½	1080	1080	1250	1380	1500	1550	1620	1620	1080	960	960	960	720
1¼	1080	1080	1200	1350	1480	1480	1500	1500	1080	960	960	960	720
1¾	1000	1000	1100	1300	1440	1440	1440	1440	1080	960	960	960	720
1	900	950	1050	1250	1380	1380	1380	1380	1080	960	960	960	600
1½	850	925	1000	1200	1260	1260	1260	1260	960	960	840	720	600
1¼	800	900	975	1160	1160	1160	1160	1160	960	840	720	560	480
1¾	780	850	950	1100	1120	1120	1120	1120	720	660	600	560	420
1½	740	800	925	1000	1015	1015	1015	1015	640	600	600	540	420
1¾	700	750	870	920	940	940	940	940	600	600	540	480	360
1¼	675	725	800	850	870	870	870	870	540	480	480	430	320
1¾	650	700	750	790	810	810	810	810	480	480	450	420	300
2	600	650	700	740	755	755	755	755	480	480	420	360	300

Plates of greater dimensions than shown in above table may be submitted for special consideration.
Any intermediate width or thickness can be furnished.

ILLINOIS STEEL COMPANY

COLUMN BASE PLATES
TABLE OF MAXIMUM SIZES OF COLUMN BASE PLATES

Thickness of Plate	6 1/2" Wide	7" Wide	8 to 14" Wide	15 to 40" Wide	41 to 60" Wide	61 to 69" Wide	70 to 79" Wide	80 to 89" Wide	84" Wide	86" Wide	88" Wide	90" Wide	92" Wide	95" Wide	97" Wide	100" Wide	103" Wide	107" Wide	111" Wide	115" Wide	120" Wide	125" Wide	131" Wide	138" Wide	146" Wide
2 1/2"	360	360	360	775	775	680	610	540	515	498	488	478	463	450	442	425	412	398	382	368	353	337	322	305	250
3	240	240	240	645	645	600	512	448	427	413	403	395	383	372	364	350	340	328	314	303	291	277	264	250	208
3 1/2"	240	240	240	550	550	495	435	380	362	351	343	335	325	314	308	296	288	277	265	255	245	233	222	210	170
4	180	180	180	480	480	425	377	328	312	302	295	288	280	272	265	255	248	238	230	220	210	200	190	180	160
4 1/2"	180	180	180	430	430	380	333	290	276	261	255	247	240	234	225	217	210	200	193	184	175	166	157	150	150
5	180	180	180	385	385	346	304	263	251	243	237	231	227	217	212	203	197	190	181	174	166	160	155	150	146
5 1/2"	150	150	150	350	350	304	266	229	219	212	207	201	195	189	184	177	171	165	150	155	150	145	140	138	138
6	150	150	150	320	320	280	247	213	205	200	195	190	180	175	170	160	155	145	150	145	140	135	131	131	131
6 1/2"	150	150	150	295	295	265	225	200	190	185	180	175	170	165	160	155	150	145	140	135	130	125	125	125	125
7	150	130	130	275	275	240	212	195	180	175	170	165	160	155	150	145	140	135	130	125	120	115	115	115	115
7 1/2"	150	130	130	255	255	220	195	175	170	165	160	155	150	145	140	135	130	125	120	115	110	110	110	110	110
8	150	130	120	240	240	200	180	159	155	152	148	144	140	135	130	125	120	115	110	105	100	100	100	100	100
8 1/2"	150	120	120	227	227	190	170	150	145	141	138	135	131	128	125	120	115	107	107	100	100	100	100	100	100
9	140	120	120	215	215	180	160	142	137	133	130	127	123	120	118	115	108	103	103	100	100	100	100	100	100
9 1/2"	140	120	120	203	203	168	150	133	130	128	125	123	120	118	115	108	103	100	100	100	100	100	100	100	100
10	140	120	120	193	193	158	140	128	126	124	122	120	117	115	103	100	100	100	100	100	100	100	100	100	100
10 1/2"	140	120	120	183	183	150	135	123	121	119	117	115	101	99	97	97	97	97	97	97	97	97	97	97	97
11	140	120	120	175	175	145	132	120	118	116	115	99	97	95	95	95	95	95	95	95	95	95	95	95	95
11 1/2"	140	120	120	167	167	137	125	116	115	99	97	95	92	92	92	92	92	92	92	92	92	92	92	92	92
12	140	120	120	160	160	127	120	115	96	94	92	90	90	90	90	90	90	90	90	90	90	90	90	90	90
12 1/2"	140	120	120	153	153	124	115	95	92	90	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
13	140	120	120	147	147	122	113	90	88	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
13 1/2"	140	120	120	142	142	120	100	87	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84
14	140	120	120	137	137	119	96	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84
14 1/2"	140	120	120	132	132	117	92	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
15	140	120	120	128	128	115	88	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78	78

Column Bases up to 60" in width and 15" in thickness will be furnished with Universal rolled edges. All widths over this size will be torch cut to width. All column bases are torch cut to length. Special tolerances for section and length may be obtained upon application. Purchasers will find this information necessary to enable them to make proper allowance for machining.

HEAVY COVER PLATES

for

C. B. SECTIONS

Widths 18" to 26½", inclusive

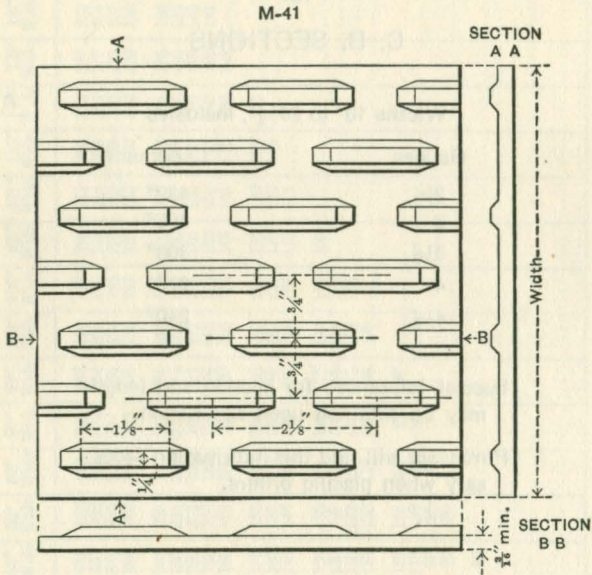
Gauges	Lengths
2½	432"
3	356"
3½	308"
4	270"
4½	240"

Special tolerances for section and length may be obtained upon application.

Purchaser will find this information necessary when placing orders.

ILLINOIS STEEL COMPANY

ILLINOIS FLOOR PLATE



Section Index	Thickness, Inches	Width and Length, Inches						Weight per Sq. Foot, Pounds
		Over 6 to 15	Over 15 to 22	Over 22 to 29	Over 29 to 48	Over 48 to 60	Over 60 to 84	
M 41	3/8	120	240	240	480	480	480	31.7
	5/8	120	240	240	480	480	480	26.6
	1/2	120	240	240	480	480	480	21.5
	7/8	120	240	240	480	480	480	19.0
	1	120	240	240	480	480	480	16.4
	1 1/8	120	240	240	480	480	480	13.9
	1 1/4	120	240	240	480	480	480	11.3
	1 1/2	120	240	240	480	480	480	8.8

The long dimension of the raised figure is in the direction of rolling and the length of plate required should always correspond to this direction.

The thickness of plate furnished is the thickness of the flat plate exclusive of the height of the raised figures.

Sizes beyond the above limits should be submitted.

We can also cut regular or irregular sketches. Re-entrant cut and sketches to a radius can be furnished by burning to size.

PROFILES
OF
RAILS, SPLICE BARS
AND
TRACK ACCESSORIES

On the following pages only Standard Sections adopted by various Engineering and Railway Associations are illustrated, but other Sections can be furnished. Detailed information upon request.

STANDARD GEAR LIST

TRACK ACCESSORIES	
AND	
RAILS, SPLICED BARS	
PROFILES	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

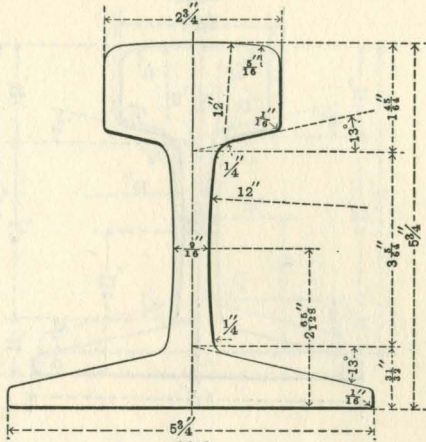
The following table lists the standard accessories for the various types of tracks and rails. The accessories are listed in the order in which they are used in the assembly of the track. The accessories are listed in the order in which they are used in the assembly of the track. The accessories are listed in the order in which they are used in the assembly of the track.

RAIL SECTIONS

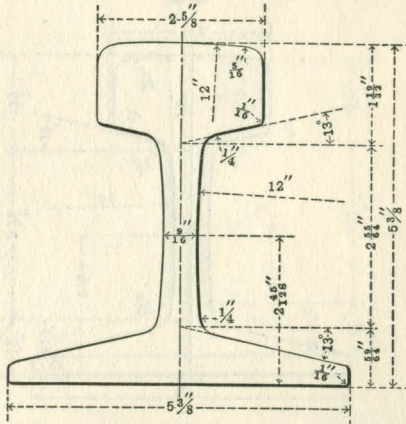
A. S. C. E. RAILS

(AMERICAN SOCIETY OF CIVIL ENGINEERS')

10040



9040



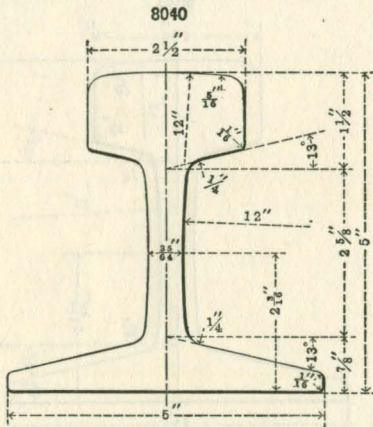
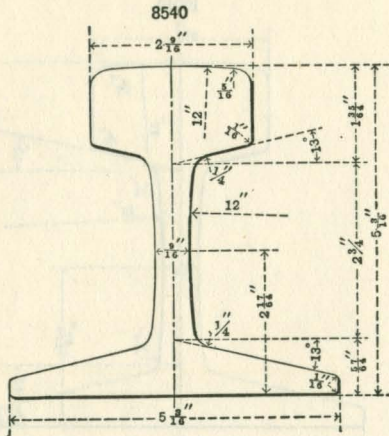
RAILS

Section Index	Height, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
10040	5 3/4	5 3/4	2 3/4	100	S-10040
9040	5 5/8	5 5/8	2 5/8	90	S-9040

ILLINOIS STEEL COMPANY

A. S. C. E. RAILS—Continued

(AMERICAN SOCIETY OF CIVIL ENGINEERS')



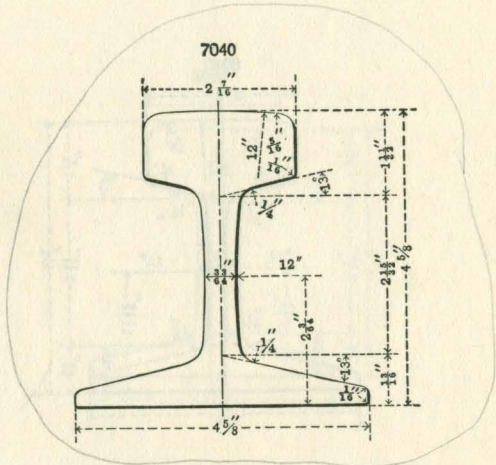
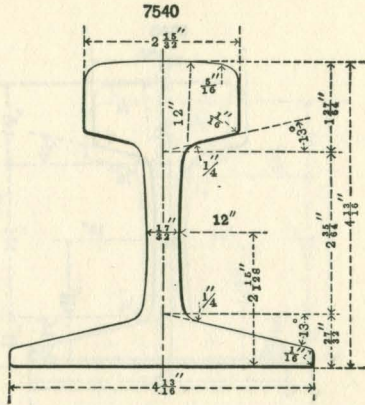
RAILS

Section No.	Height, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
8540	$5\frac{1}{8}$	$5\frac{1}{8}$	$2\frac{1}{8}$	85	S-8540
8040	5	5	$2\frac{1}{2}$	80	S-8040

RAIL SECTIONS

A. S. C. E. RAILS—Continued

(AMERICAN SOCIETY OF CIVIL ENGINEERS')

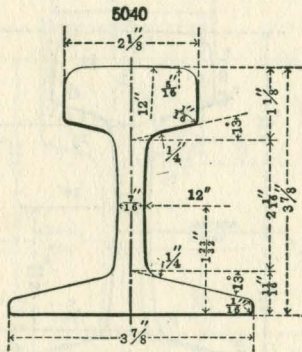
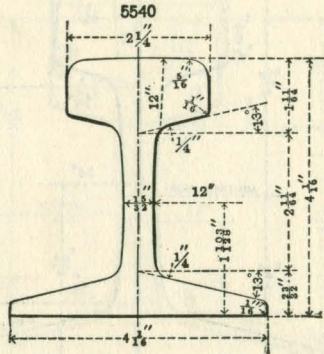


RAILS					Splice Bar Regular
Section No.	Height, Inches	Width		Weight per Yard, Pounds	
		Base, Inches	Head, Inches		
7540	4 1/8	4 1/8	2 3/8	75	S-7540
7040	4 5/8	4 5/8	2 1/8	70	S-7040

RAIL SECTIONS

A. S. C. E. RAILS—Concluded

(AMERICAN SOCIETY OF CIVIL ENGINEERS')

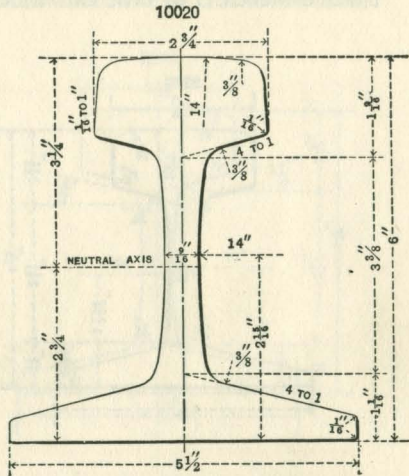


RAILS					Splice Bar Regular
Section No.	Height, Inches	Width		Weight per Yard, Pounds	
		Base, Inches	Head, Inches		
5540	4 1/8	4 1/8	2 1/4	55	S-5540
5040	3 7/8	3 7/8	2 1/8	50	S-5040

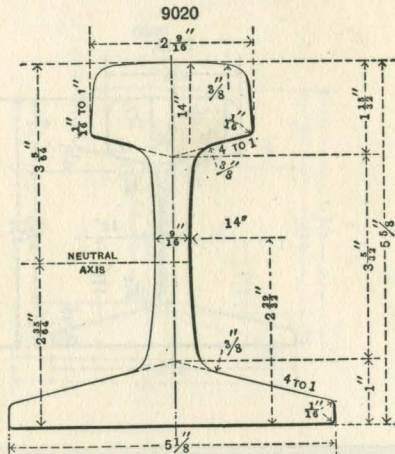
ILLINOIS STEEL COMPANY

A. R. A. RAILS—TYPE "A"
(AMERICAN RAILWAY ASSOCIATION)

100 A



90 A



RAILS

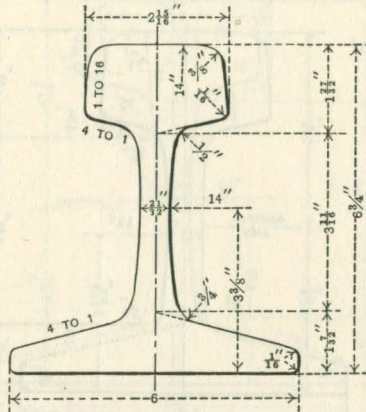
Section No.	Height, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
10020	6	5 1/2	2 3/4	100	S-10020
9020	5 5/8	5 1/8	2 1/8	90	S-9020

ILLINOIS STEEL COMPANY

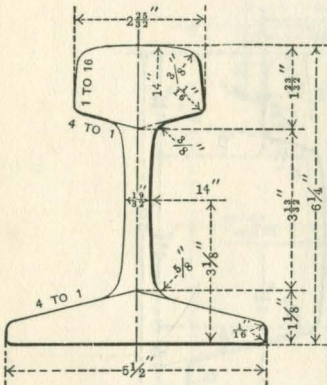
A. R. E. A. RAILS

(AMERICAN RAILWAY ENGINEERING ASSOCIATION)

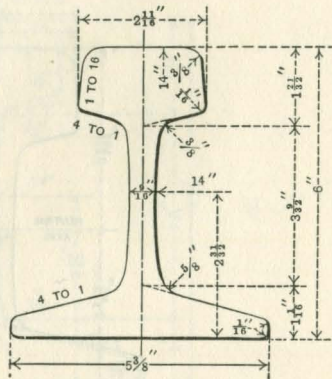
13025



11025



10025

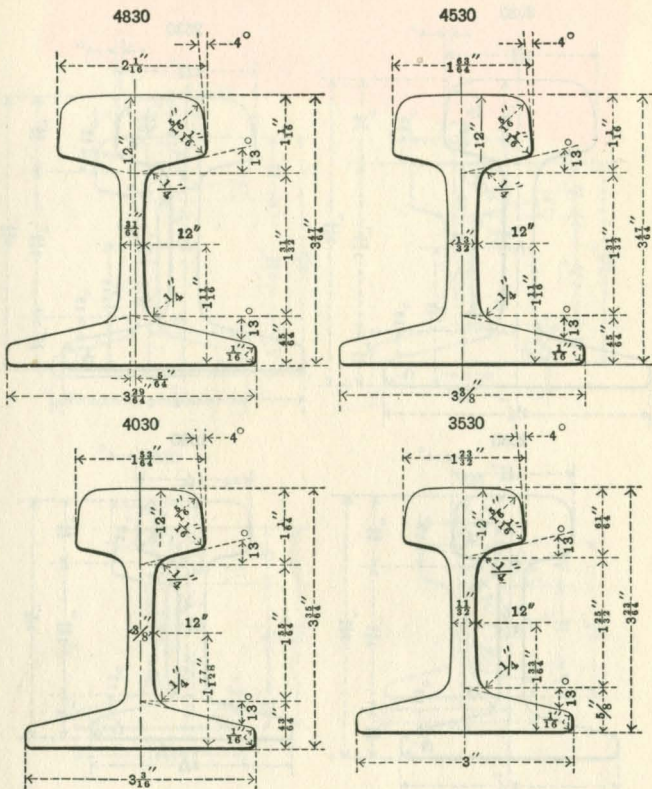


RAILS

Section Index	Height, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
13025	6 3/4	6	2 1/8	130	S-13025C
11025	6 1/4	5 1/2	2 3/8	110	S-11025D
10025	6	5 3/8	2 1/8	100	S-11025C

RAIL SECTIONS

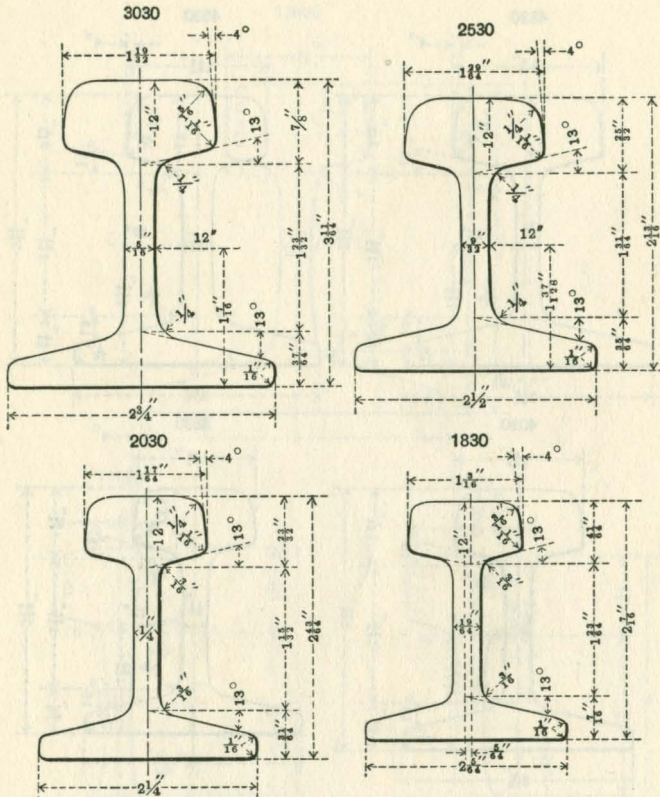
LIGHT RAILS



Section Index	Height, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
4830	3 1/2	3 1/2	2 1/8	48	S-4530
4530	3 1/2	3 3/8	1 1/2	45	S-4530
4030	3 1/2	3 1/8	1 1/2	40	S-4030
3530	3 1/2	3	1 1/2	35	S-3530

ILLINOIS STEEL COMPANY

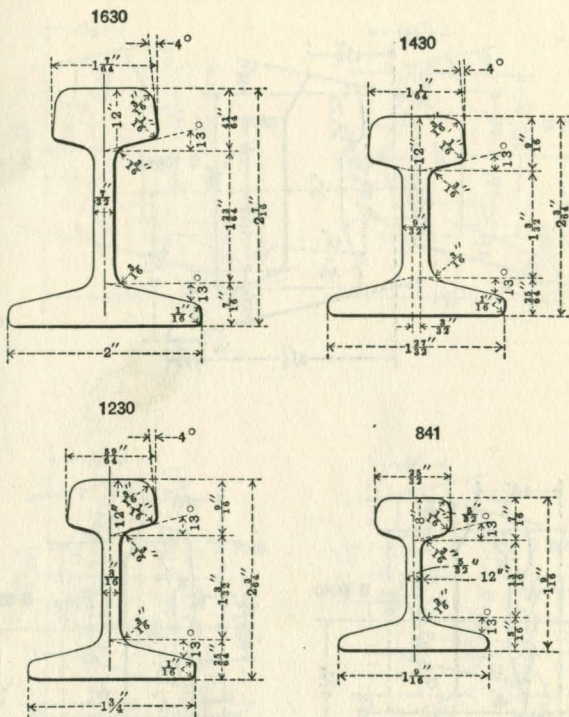
LIGHT RAILS—Continued



Section No.	Height, Inches	RAILS		Weight per Yard, Pounds	Splice Bar Regular
		Width			
		Base, Inches	Head, Inches		
3030	3 1/4	2 3/4	1 1/2	30	S-3030
2530	2 1/2	2 1/2	1 1/2	25	S-2530
2030	2 1/4	2 1/4	1 1/4	20	S-2030
1830	2 1/8	2 1/4	1 1/8	18	S-1630

RAIL SECTIONS

LIGHT RAILS—Concluded



Section No.	Height, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
1630	2 $\frac{1}{8}$	2	1 $\frac{1}{4}$	16	S-1630
1430	2 $\frac{1}{4}$	1 $\frac{3}{4}$	1 $\frac{1}{4}$	14	S-1230
1230	2 $\frac{1}{4}$	1 $\frac{3}{4}$	1 $\frac{1}{4}$	12	S-1230
841	1 $\frac{5}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$	8	S-840

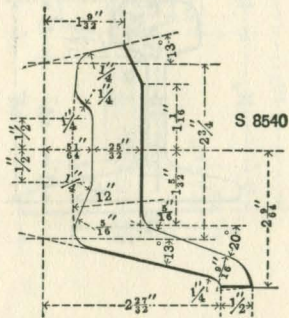
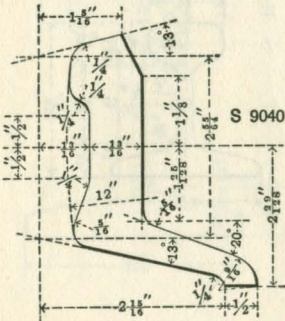
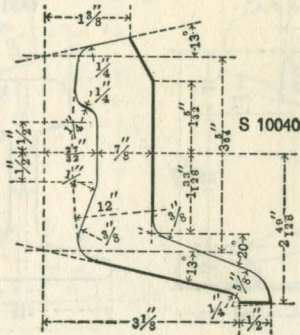
ILLINOIS STEEL COMPANY

ANGLE SPLICE BARS

FOR

A. S. C. E. RAILS

(AMERICAN SOCIETY OF CIVIL ENGINEERS')



SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 10040	15.8 (unfinished)	10040
S 9040	13.5 (unfinished)	9040
S 8540	12.4 (unfinished)	8540

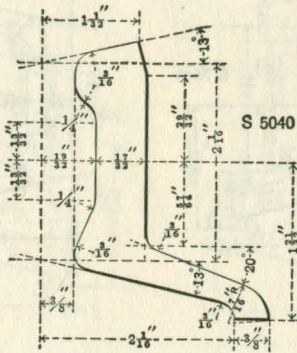
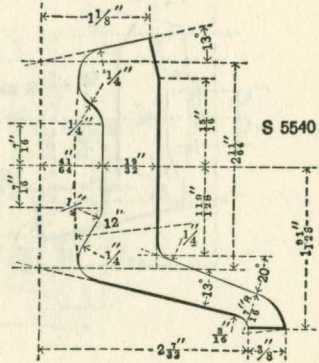
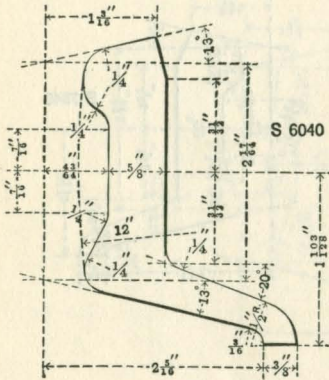
ILLINOIS STEEL COMPANY

ANGLE SPLICE BARS—Continued

FOR

A. S. C. E. RAILS

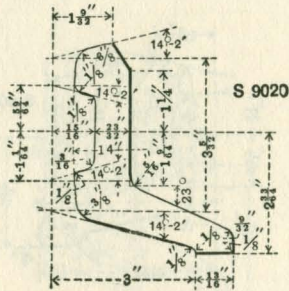
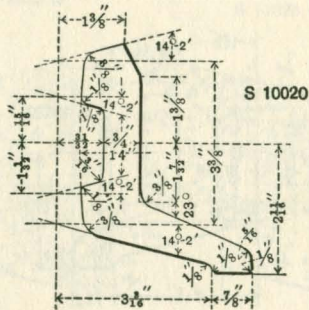
(AMERICAN SOCIETY OF CIVIL ENGINEERS')



SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 6040	8.40 (unfinished)	6040
S 5540	7.50 (unfinished)	5540
S 5040	6.62 (unfinished)	5040

SPLICE BAR SECTIONS

ANGLE SPLICE BARS—Continued FOR A. R. A. RAILS—TYPE "A" (AMERICAN RAILWAY ASSOCIATION)



SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 10020	19.04 (unfinished)	10020
S 9020	16.64 (unfinished)	9020

SPLICE BAR SECTIONS

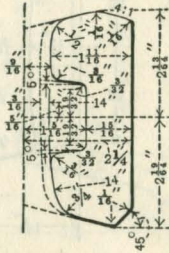
ANGLE SPLICE BARS—Concluded

FOR

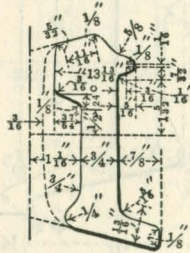
A. R. E. A. RAILS

(AMERICAN RAILWAY ENGINEERING ASSOCIATION)

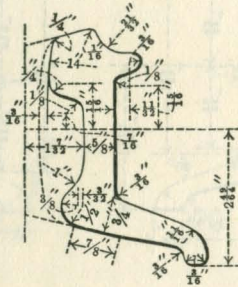
S 13025 C



S 11025 C



S 11025 D



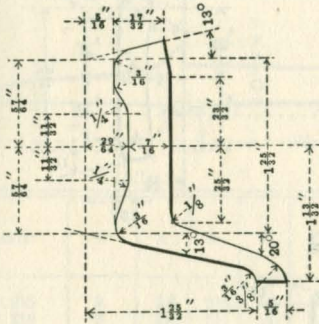
SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 13025C	20.06 (unfinished)	13025
S 11025C	14.96 (unfinished)	11025
S 11025D	17.68 (unfinished)	11025

SPLICE BAR SECTIONS

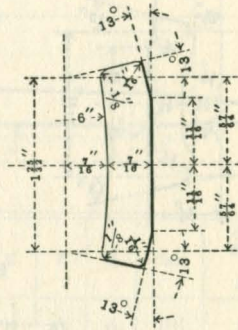
SPLICE BARS—Continued

LIGHT RAILS

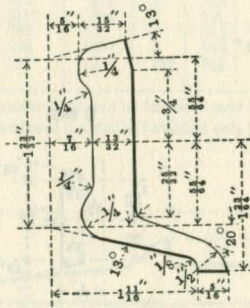
S 3530



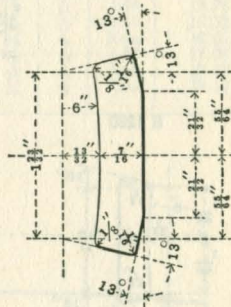
S 3530 A



S 3030



S 3030 A



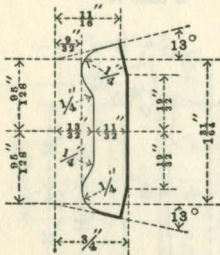
SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 3530	4.58 (unfinished)	3530
S 3530A	3.06 (unfinished)	3530
S 3030	3.97 (unfinished)	3030
S 3030A	2.96 (unfinished)	3030

ILLINOIS STEEL COMPANY

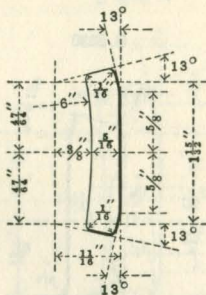
SPLICE BARS—Concluded

LIGHT RAILS

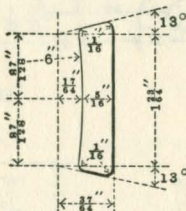
S 2530



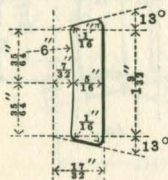
S 2030



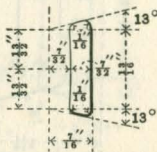
S 1630



S 1230



S 840



SPLICE BARS

RAILS

Section Index	Weight per Foot, Pounds	Section Index
S 2530	2.20 (unfinished)	2530
S 2030	1.87 (unfinished)	2030
S 1630	1.70 (unfinished)	1830 and 1630
S 1230	1.36 (unfinished)	1430 and 1230
S 840	0.75 (unfinished)	841

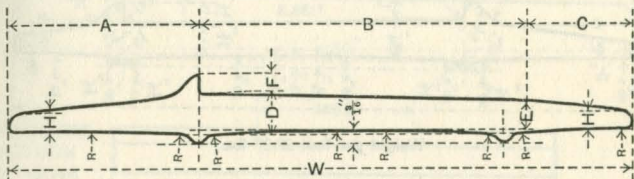
TRACK ACCESSORIES

TIE PLATES

Only types most generally used are illustrated. Other designs are rolled and information concerning them will be furnished upon request.

Plates can be furnished to various lengths except cambered plates, which can be furnished only in lengths as indicated.

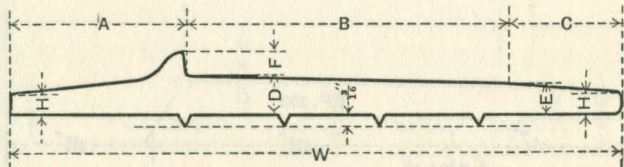
We have facilities for either hot or cold shearing and punching.



Section	W	A	B	C	D	E	F	H	Cant	Gross Weight per Foot
T. P. 215	9	2 $\frac{5}{16}$	5 $\frac{1}{8}$	1 $\frac{1}{16}$	5 $\frac{5}{8}$	1 $\frac{1}{2}$	$\frac{5}{16}$	$\frac{5}{16}$	1:41	14.86
T. P. 216	9	2 $\frac{1}{8}$	5 $\frac{1}{2}$	1 $\frac{3}{8}$	5 $\frac{5}{8}$	1 $\frac{1}{2}$	$\frac{5}{16}$	$\frac{5}{16}$	1:44	14.94
T. P. 217	10 $\frac{1}{2}$	3	5 $\frac{1}{2}$	2	1 $\frac{1}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	1:44	19.14
T. P. 218	10 $\frac{1}{2}$	3 $\frac{7}{16}$	5 $\frac{1}{2}$	1 $\frac{3}{8}$	1 $\frac{1}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	1:44	19.21
T. P. 223**	10 $\frac{1}{2}$	3	5 $\frac{1}{2}$	1 $\frac{3}{8}$	1 $\frac{1}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	1:20	16.42
T. P. 225*	10	2 $\frac{1}{2}$	5 $\frac{3}{4}$	1 $\frac{3}{4}$	1 $\frac{1}{4}$	$\frac{5}{8}$	$\frac{5}{16}$	$\frac{5}{16}$	1:44	19.76
T. P. 228	9 $\frac{5}{8}$	3	4 $\frac{5}{8}$	2	5 $\frac{5}{8}$	$\frac{5}{8}$	$\frac{1}{4}$	$\frac{5}{16}$	1:44	16.32
T. P. 229*	8 $\frac{1}{2}$	2	5 $\frac{1}{16}$	1 $\frac{5}{16}$	2 $\frac{3}{8}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	None	16.01
T. P. 249	10	3	5 $\frac{1}{2}$	1 $\frac{1}{2}$	5 $\frac{5}{8}$	1 $\frac{1}{2}$	$\frac{5}{16}$	$\frac{5}{16}$	1:44	17.06
T. P. 250	10 $\frac{1}{2}$	3	5 $\frac{1}{2}$	2	1 $\frac{1}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	1:44	19.38
T. P. 257*	10	2 $\frac{3}{4}$	5 $\frac{3}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{16}$	$\frac{5}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	None	19.10

*Cambered top can be furnished only in 7" lengths.

**Cambered top can be furnished only in 6 $\frac{1}{2}$ " lengths.



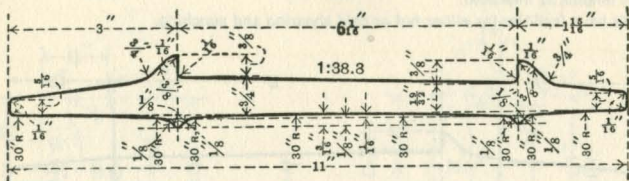
Section	W	A	B	C	D	E	F	H	Cant	Gross Weight per Foot
T. P. 340	12	3 $\frac{1}{4}$	6	2 $\frac{3}{4}$	1 $\frac{1}{8}$	$\frac{5}{8}$	$\frac{5}{16}$	$\frac{3}{8}$	1:24	25.77
T. P. 361*	10 $\frac{7}{8}$	3 $\frac{1}{4}$	5 $\frac{1}{2}$	2 $\frac{1}{8}$	1 $\frac{1}{8}$	$\frac{5}{8}$	$\frac{5}{16}$	$\frac{3}{16}$	1:88	21.44

*Cambered top can be furnished only in 7 $\frac{1}{2}$ " lengths.

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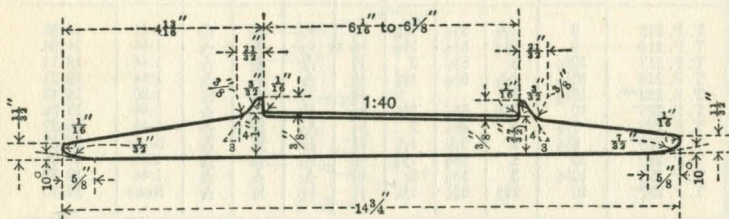
TIE PLATES—Continued

T.P. 252



Weight per foot 22.27 lbs.

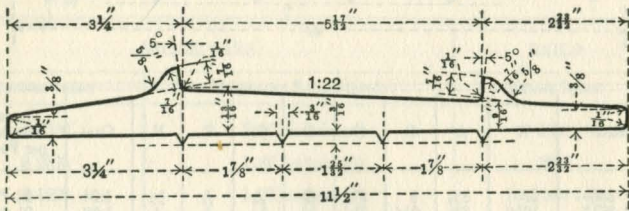
T.P. 264



Cambered Top can be furnished only in 7 1/2 inch lengths.

Weight per foot 38.21 lbs.

T.P. 350

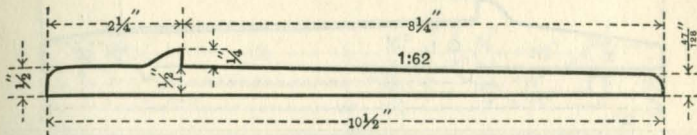


Weight per foot 25.30 lbs.

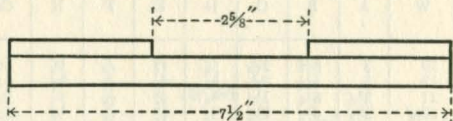
TRACK ACCESSORIES

TIE PLATES—Continued

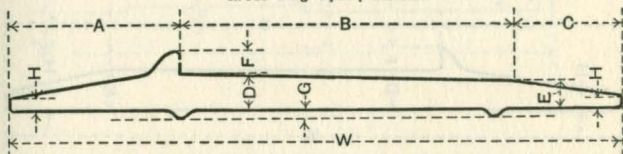
T.P. 221



TRANSVERSE SECTION OF ABOVE

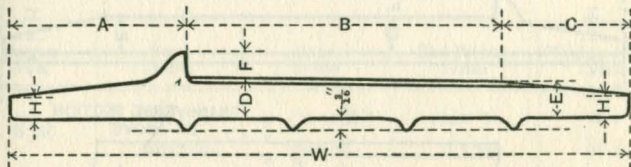


Gross weight per plate 9.90



Section	W	A	B	C	D	E	F	G	H	Cant	Gross Weight per Foot
T. P. 226*	10	3	5 1/2	1 1/8	1 1/8	2 1/8	1/8	1/8	1/8	1:44	19.13
T. P. 231	8 3/4	1 1/8	5 3/8	1 1/8	1 1/8	1 1/8	1/8	1/8	1/8	None	12.24
T. P. 258	10 3/8	2 7/8	5 5/8	1 3/8	1 3/8	1 3/8	3/8	1/8	1/8	1:40	17.37

*Cambered top can be furnished only in 7" lengths.



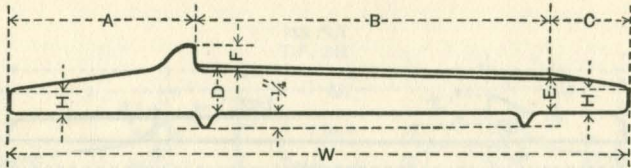
Section	W	A	B	C	D	E	F	H	Cant	Gross Weight per Foot
T. P. 227*	12	3 3/4	5 1/2	2 3/4	3/4	5/8	1 1/8	3/8	1:40	25.37
T. P. 233*	10 1/2	3	5 1/2	2	1 1/2	1 1/2	1 1/2	3/8	1:44	21.39
T. P. 247**	10	2 1/2	5 5/8	2	1 1/2	1 1/2	1/8	3/8	None	18.24

*Beveled top can be furnished only in 9" lengths.

**Cambered top can be furnished only in 7 1/2" lengths.

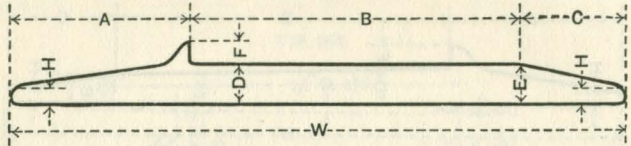
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TIE PLATES—Concluded

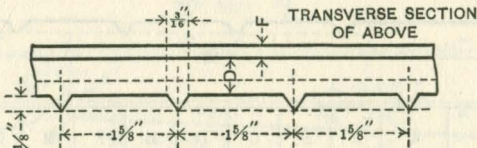
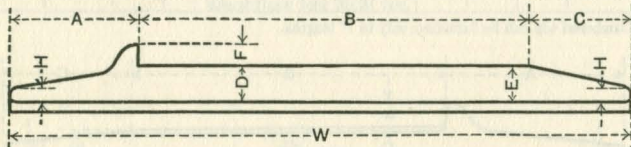


Section	W	A	B	C	D	E	F	H	Cant	Gross Weight per Foot
T. P. 291*	10	3	5 $\frac{11}{16}$	1 $\frac{5}{16}$	$\frac{3}{4}$	$\frac{33}{64}$	$\frac{5}{16}$	$\frac{3}{8}$	1:44	21.43
T. P. 292*	12	3	6 $\frac{11}{16}$	2 $\frac{1}{16}$	$\frac{3}{4}$	$\frac{33}{64}$	$\frac{5}{16}$	$\frac{3}{8}$	1:44	25.03
T. P. 296*	11	3 $\frac{1}{4}$	6 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{33}{64}$	$\frac{5}{16}$	$\frac{3}{8}$	1:44	23.81
T. P. 297*	12 $\frac{1}{4}$	3 $\frac{3}{8}$	6 $\frac{1}{4}$	2 $\frac{3}{8}$	$\frac{3}{4}$	$\frac{33}{64}$	$\frac{5}{16}$	$\frac{3}{8}$	1:44	25.72

*Cambered top can be furnished only in 7" lengths.



Section	W	A	B	C	D	E	F	H	Cant	Gross Weight per Foot
T. P. 336	8 $\frac{1}{2}$	1 $\frac{1}{2}$	5 $\frac{1}{16}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{5}{16}$	$\frac{3}{16}$	1:83	13.00
T. P. 355	10	2 $\frac{1}{16}$	6	1 $\frac{1}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{3}{16}$	None	11.73
T. P. 501	9	1 $\frac{1}{2}$	5 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{16}$	None	14.54
T. P. 552	10 $\frac{3}{4}$	3 $\frac{1}{8}$	5 $\frac{3}{4}$	1 $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{16}$	$\frac{3}{8}$	$\frac{3}{16}$	None	22.04

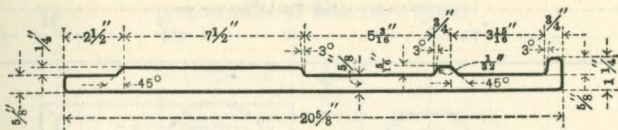


Section	W	A	B	C	D	E	F	H	Cant	Gross Weight per Foot
T. P. 203	8 $\frac{3}{4}$	2 $\frac{3}{16}$	5 $\frac{3}{16}$	1 $\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{3}{16}$	None	13.48
T. P. 204	8 $\frac{1}{4}$	2 $\frac{1}{16}$	4 $\frac{3}{8}$	1 $\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{16}$	$\frac{1}{16}$	None	12.52
T. P. 357	8 $\frac{3}{4}$	1 $\frac{1}{8}$	5 $\frac{1}{2}$	1 $\frac{1}{16}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{16}$	$\frac{1}{16}$	None	14.03

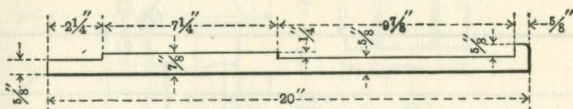
TRACK ACCESSORIES

RISER OR SLIDE PLATES

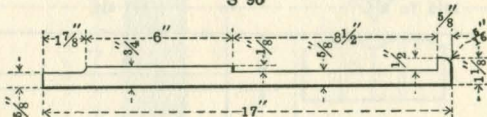
S 186



*S 185



S 96



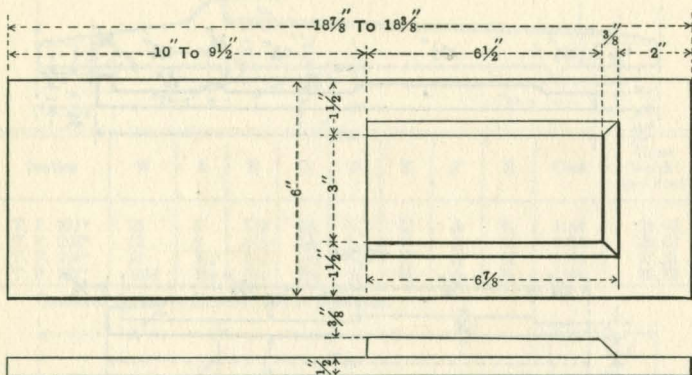
Section Index	Base, Inches	Riser, Inches	End Project, Inches	Weight per Foot, Pounds
S 186	20 5/8 x 3/4	7 1/2 x 1/4	3/4 x 5/8	61.5
	20 5/8 x 5/8	7 1/2 x 1/4	3/4 x 5/8	52.7
*S 185	20 x 3/4	7 1/4 x 1/4	5/8 x 5/8	58.3
	20 x 5/8	7 1/4 x 1/4	5/8 x 5/8	50.0
S 96	17 x 5/8	6 x 1/4	5/8 x 1/2	42.3
	17 x 5/8	6 x 1/8	5/8 x 1/2	41.0
	17 x 5/8	6 x 1/8	5/8 x 1/2	39.7

*Furnished only by special arrangement.

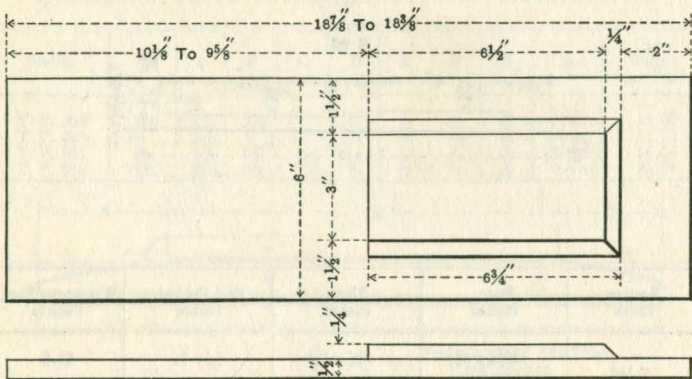
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RISER OR SLIDE PLATES—Concluded

S 17



S 106



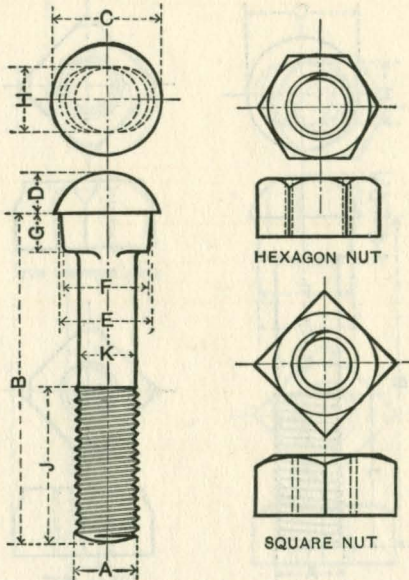
Section Index	Base, Inches	Riser, Inches	Gross Weight per Plate, Pounds
S 17	$18\frac{3}{8}$ to $18\frac{3}{4}$ x $\frac{1}{2}$	$6\frac{1}{2}$ x $\frac{3}{8}$	18.2
S 106	$18\frac{1}{8}$ to $18\frac{3}{4}$ x $\frac{1}{2}$	$6\frac{1}{2}$ x $\frac{1}{4}$	17.4
S 106	$18\frac{3}{8}$ to $18\frac{3}{8}$ x $\frac{5}{8}$	$6\frac{1}{2}$ x $\frac{1}{4}$	21.4

TRACK ACCESSORIES

TRACK BOLTS

ORDINARY

U. S. STANDARD ROLLED THREAD



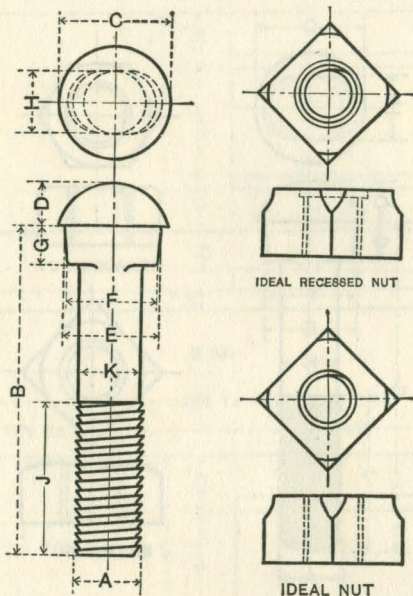
Diam. A	Length B	Head		Shoulder				Length of Thread J	Diam. of Shank K	Size of Nut Width by Distance Across Flats
		C	D	E	F	G	H			
$\frac{3}{8}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{8}$	$\frac{11}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{8} \times \frac{11}{16}$	
$\frac{7}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{7}{16}$	$\frac{13}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{7}{16} \times \frac{13}{16}$	
$\frac{1}{2}$	$\frac{15}{16}$	$\frac{15}{16}$	$\frac{1}{2}$	$\frac{15}{16}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{15}{16}$	$\frac{15}{16}$	$\frac{1}{2} \times \frac{15}{16}$	
$\frac{5}{8}$	1	1	$\frac{5}{8}$	1	$\frac{1}{2}$	$\frac{7}{16}$	1	1	$\frac{5}{8} \times 1$	
$\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{8}$	$\frac{3}{4}$	$1\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{8}$	$1\frac{1}{8}$	$\frac{3}{4} \times 1\frac{1}{8}$	
$\frac{7}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{7}{8}$	$1\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{7}{8} \times 1\frac{1}{4}$	
1	$1\frac{1}{2}$	$1\frac{1}{2}$	1	$1\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1 \times 1\frac{1}{2}$	
$1\frac{1}{8}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{1}{8} \times 1\frac{3}{4}$	
$1\frac{1}{4}$	2	2	$1\frac{1}{4}$	2	$\frac{1}{2}$	$\frac{7}{16}$	2	2	$1\frac{1}{4} \times 2$	
$1\frac{1}{2}$	$2\frac{1}{8}$	$2\frac{1}{8}$	$1\frac{1}{2}$	$2\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$2\frac{1}{8}$	$2\frac{1}{8}$	$1\frac{1}{2} \times 2\frac{1}{8}$	
$1\frac{3}{4}$	$2\frac{1}{4}$	$2\frac{1}{4}$	$1\frac{3}{4}$	$2\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$2\frac{1}{4}$	$2\frac{1}{4}$	$1\frac{3}{4} \times 2\frac{1}{4}$	
2	$2\frac{3}{4}$	$2\frac{3}{4}$	2	$2\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$2\frac{3}{4}$	$2\frac{3}{4}$	$2 \times 2\frac{3}{4}$	
$2\frac{1}{8}$	3	3	$2\frac{1}{8}$	3	$\frac{1}{2}$	$\frac{7}{16}$	3	3	$2\frac{1}{8} \times 3$	
$2\frac{1}{4}$	$3\frac{1}{8}$	$3\frac{1}{8}$	$2\frac{1}{4}$	$3\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$3\frac{1}{8}$	$3\frac{1}{8}$	$2\frac{1}{4} \times 3\frac{1}{8}$	
$2\frac{1}{2}$	$3\frac{1}{4}$	$3\frac{1}{4}$	$2\frac{1}{2}$	$3\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$3\frac{1}{4}$	$3\frac{1}{4}$	$2\frac{1}{2} \times 3\frac{1}{4}$	
$2\frac{3}{4}$	$3\frac{3}{4}$	$3\frac{3}{4}$	$2\frac{3}{4}$	$3\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$3\frac{3}{4}$	$3\frac{3}{4}$	$2\frac{3}{4} \times 3\frac{3}{4}$	
3	4	4	3	4	$\frac{1}{2}$	$\frac{7}{16}$	4	4	3×4	
$3\frac{1}{8}$	$4\frac{1}{8}$	$4\frac{1}{8}$	$3\frac{1}{8}$	$4\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$4\frac{1}{8}$	$4\frac{1}{8}$	$3\frac{1}{8} \times 4\frac{1}{8}$	
$3\frac{1}{4}$	$4\frac{1}{4}$	$4\frac{1}{4}$	$3\frac{1}{4}$	$4\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$4\frac{1}{4}$	$4\frac{1}{4}$	$3\frac{1}{4} \times 4\frac{1}{4}$	
$3\frac{1}{2}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$3\frac{1}{2}$	$4\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$4\frac{1}{2}$	$4\frac{1}{2}$	$3\frac{1}{2} \times 4\frac{1}{2}$	
$3\frac{3}{4}$	5	5	$3\frac{3}{4}$	5	$\frac{1}{2}$	$\frac{7}{16}$	5	5	$3\frac{3}{4} \times 5$	
4	$5\frac{1}{8}$	$5\frac{1}{8}$	4	$5\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$5\frac{1}{8}$	$5\frac{1}{8}$	$4 \times 5\frac{1}{8}$	
$4\frac{1}{8}$	$5\frac{1}{4}$	$5\frac{1}{4}$	$4\frac{1}{8}$	$5\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$5\frac{1}{4}$	$5\frac{1}{4}$	$4\frac{1}{8} \times 5\frac{1}{4}$	
$4\frac{1}{4}$	$5\frac{3}{4}$	$5\frac{3}{4}$	$4\frac{1}{4}$	$5\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$5\frac{3}{4}$	$5\frac{3}{4}$	$4\frac{1}{4} \times 5\frac{3}{4}$	
$4\frac{1}{2}$	6	6	$4\frac{1}{2}$	6	$\frac{1}{2}$	$\frac{7}{16}$	6	6	$4\frac{1}{2} \times 6$	
$4\frac{3}{4}$	$6\frac{1}{4}$	$6\frac{1}{4}$	$4\frac{3}{4}$	$6\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$6\frac{1}{4}$	$6\frac{1}{4}$	$4\frac{3}{4} \times 6\frac{1}{4}$	
5	$6\frac{1}{2}$	$6\frac{1}{2}$	5	$6\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$6\frac{1}{2}$	$6\frac{1}{2}$	$5 \times 6\frac{1}{2}$	
$5\frac{1}{8}$	$6\frac{3}{4}$	$6\frac{3}{4}$	$5\frac{1}{8}$	$6\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$6\frac{3}{4}$	$6\frac{3}{4}$	$5\frac{1}{8} \times 6\frac{3}{4}$	
$5\frac{1}{4}$	7	7	$5\frac{1}{4}$	7	$\frac{1}{2}$	$\frac{7}{16}$	7	7	$5\frac{1}{4} \times 7$	
$5\frac{1}{2}$	$7\frac{1}{8}$	$7\frac{1}{8}$	$5\frac{1}{2}$	$7\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$7\frac{1}{8}$	$7\frac{1}{8}$	$5\frac{1}{2} \times 7\frac{1}{8}$	
$5\frac{3}{4}$	$7\frac{1}{4}$	$7\frac{1}{4}$	$5\frac{3}{4}$	$7\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$7\frac{1}{4}$	$7\frac{1}{4}$	$5\frac{3}{4} \times 7\frac{1}{4}$	
6	$7\frac{1}{2}$	$7\frac{1}{2}$	6	$7\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$7\frac{1}{2}$	$7\frac{1}{2}$	$6 \times 7\frac{1}{2}$	
$6\frac{1}{8}$	8	8	$6\frac{1}{8}$	8	$\frac{1}{2}$	$\frac{7}{16}$	8	8	$6\frac{1}{8} \times 8$	
$6\frac{1}{4}$	$8\frac{1}{4}$	$8\frac{1}{4}$	$6\frac{1}{4}$	$8\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$8\frac{1}{4}$	$8\frac{1}{4}$	$6\frac{1}{4} \times 8\frac{1}{4}$	
$6\frac{1}{2}$	$8\frac{1}{2}$	$8\frac{1}{2}$	$6\frac{1}{2}$	$8\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$8\frac{1}{2}$	$8\frac{1}{2}$	$6\frac{1}{2} \times 8\frac{1}{2}$	
$6\frac{3}{4}$	$8\frac{3}{4}$	$8\frac{3}{4}$	$6\frac{3}{4}$	$8\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$8\frac{3}{4}$	$8\frac{3}{4}$	$6\frac{3}{4} \times 8\frac{3}{4}$	
7	9	9	7	9	$\frac{1}{2}$	$\frac{7}{16}$	9	9	7×9	
$7\frac{1}{8}$	$9\frac{1}{8}$	$9\frac{1}{8}$	$7\frac{1}{8}$	$9\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$9\frac{1}{8}$	$9\frac{1}{8}$	$7\frac{1}{8} \times 9\frac{1}{8}$	
$7\frac{1}{4}$	$9\frac{1}{4}$	$9\frac{1}{4}$	$7\frac{1}{4}$	$9\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$9\frac{1}{4}$	$9\frac{1}{4}$	$7\frac{1}{4} \times 9\frac{1}{4}$	
$7\frac{1}{2}$	$9\frac{1}{2}$	$9\frac{1}{2}$	$7\frac{1}{2}$	$9\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$9\frac{1}{2}$	$9\frac{1}{2}$	$7\frac{1}{2} \times 9\frac{1}{2}$	
$7\frac{3}{4}$	10	10	$7\frac{3}{4}$	10	$\frac{1}{2}$	$\frac{7}{16}$	10	10	$7\frac{3}{4} \times 10$	
8	$10\frac{1}{8}$	$10\frac{1}{8}$	8	$10\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$10\frac{1}{8}$	$10\frac{1}{8}$	$8 \times 10\frac{1}{8}$	
$8\frac{1}{4}$	$10\frac{1}{4}$	$10\frac{1}{4}$	$8\frac{1}{4}$	$10\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$10\frac{1}{4}$	$10\frac{1}{4}$	$8\frac{1}{4} \times 10\frac{1}{4}$	
$8\frac{1}{2}$	$10\frac{1}{2}$	$10\frac{1}{2}$	$8\frac{1}{2}$	$10\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$10\frac{1}{2}$	$10\frac{1}{2}$	$8\frac{1}{2} \times 10\frac{1}{2}$	
$8\frac{3}{4}$	$10\frac{3}{4}$	$10\frac{3}{4}$	$8\frac{3}{4}$	$10\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$10\frac{3}{4}$	$10\frac{3}{4}$	$8\frac{3}{4} \times 10\frac{3}{4}$	
9	11	11	9	11	$\frac{1}{2}$	$\frac{7}{16}$	11	11	9×11	
$9\frac{1}{8}$	$11\frac{1}{8}$	$11\frac{1}{8}$	$9\frac{1}{8}$	$11\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$11\frac{1}{8}$	$11\frac{1}{8}$	$9\frac{1}{8} \times 11\frac{1}{8}$	
$9\frac{1}{4}$	$11\frac{1}{4}$	$11\frac{1}{4}$	$9\frac{1}{4}$	$11\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$11\frac{1}{4}$	$11\frac{1}{4}$	$9\frac{1}{4} \times 11\frac{1}{4}$	
$9\frac{1}{2}$	$11\frac{1}{2}$	$11\frac{1}{2}$	$9\frac{1}{2}$	$11\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$11\frac{1}{2}$	$11\frac{1}{2}$	$9\frac{1}{2} \times 11\frac{1}{2}$	
$9\frac{3}{4}$	$11\frac{3}{4}$	$11\frac{3}{4}$	$9\frac{3}{4}$	$11\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$11\frac{3}{4}$	$11\frac{3}{4}$	$9\frac{3}{4} \times 11\frac{3}{4}$	
10	12	12	10	12	$\frac{1}{2}$	$\frac{7}{16}$	12	12	10×12	
$10\frac{1}{8}$	$12\frac{1}{8}$	$12\frac{1}{8}$	$10\frac{1}{8}$	$12\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$12\frac{1}{8}$	$12\frac{1}{8}$	$10\frac{1}{8} \times 12\frac{1}{8}$	
$10\frac{1}{4}$	$12\frac{1}{4}$	$12\frac{1}{4}$	$10\frac{1}{4}$	$12\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$12\frac{1}{4}$	$12\frac{1}{4}$	$10\frac{1}{4} \times 12\frac{1}{4}$	
$10\frac{1}{2}$	$12\frac{1}{2}$	$12\frac{1}{2}$	$10\frac{1}{2}$	$12\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$12\frac{1}{2}$	$12\frac{1}{2}$	$10\frac{1}{2} \times 12\frac{1}{2}$	
$10\frac{3}{4}$	$12\frac{3}{4}$	$12\frac{3}{4}$	$10\frac{3}{4}$	$12\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$12\frac{3}{4}$	$12\frac{3}{4}$	$10\frac{3}{4} \times 12\frac{3}{4}$	
11	13	13	11	13	$\frac{1}{2}$	$\frac{7}{16}$	13	13	11×13	
$11\frac{1}{8}$	$13\frac{1}{8}$	$13\frac{1}{8}$	$11\frac{1}{8}$	$13\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$13\frac{1}{8}$	$13\frac{1}{8}$	$11\frac{1}{8} \times 13\frac{1}{8}$	
$11\frac{1}{4}$	$13\frac{1}{4}$	$13\frac{1}{4}$	$11\frac{1}{4}$	$13\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$13\frac{1}{4}$	$13\frac{1}{4}$	$11\frac{1}{4} \times 13\frac{1}{4}$	
$11\frac{1}{2}$	$13\frac{1}{2}$	$13\frac{1}{2}$	$11\frac{1}{2}$	$13\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$13\frac{1}{2}$	$13\frac{1}{2}$	$11\frac{1}{2} \times 13\frac{1}{2}$	
$11\frac{3}{4}$	$13\frac{3}{4}$	$13\frac{3}{4}$	$11\frac{3}{4}$	$13\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$13\frac{3}{4}$	$13\frac{3}{4}$	$11\frac{3}{4} \times 13\frac{3}{4}$	
12	14	14	12	14	$\frac{1}{2}$	$\frac{7}{16}$	14	14	12×14	
$12\frac{1}{8}$	$14\frac{1}{8}$	$14\frac{1}{8}$	$12\frac{1}{8}$	$14\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$14\frac{1}{8}$	$14\frac{1}{8}$	$12\frac{1}{8} \times 14\frac{1}{8}$	
$12\frac{1}{4}$	$14\frac{1}{4}$	$14\frac{1}{4}$	$12\frac{1}{4}$	$14\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$14\frac{1}{4}$	$14\frac{1}{4}$	$12\frac{1}{4} \times 14\frac{1}{4}$	
$12\frac{1}{2}$	$14\frac{1}{2}$	$14\frac{1}{2}$	$12\frac{1}{2}$	$14\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$14\frac{1}{2}$	$14\frac{1}{2}$	$12\frac{1}{2} \times 14\frac{1}{2}$	
$12\frac{3}{4}$	$14\frac{3}{4}$	$14\frac{3}{4}$	$12\frac{3}{4}$	$14\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	$14\frac{3}{4}$	$14\frac{3}{4}$	$12\frac{3}{4} \times 14\frac{3}{4}$	
13	15	15	13	15	$\frac{1}{2}$	$\frac{7}{16}$	15	15	13×15	
$13\frac{1}{8}$	$15\frac{1}{8}$	$15\frac{1}{8}$	$13\frac{1}{8}$	$15\frac{1}{8}$	$\frac{1}{2}$	$\frac{7}{16}$	$15\frac{1}{8}$	$15\frac{1}{8}$	$13\frac{1}{8} \times 15\frac{1}{8}$	
$13\frac{1}{4}$	$15\frac{1}{4}$	$15\frac{1}{4}$	$13\frac{1}{4}$	$15\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$ </				

ILLINOIS STEEL COMPANY

TRACK BOLTS—Continued

ORDINARY

HARVEY GRIP ROLLED THREAD



Diam. A	Length B	Head		Shoulder				Length of Thread J	Diam. of Shank K	Size of Nut Width by Distance Across Flats
		C	D	E	F	G	H			
Inches		Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
$\frac{5}{8}$	Per Order	$1\frac{3}{8}$	$1\frac{1}{2}$	$\frac{23}{32}$	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{37}{64}$	Per Order	1	$5\frac{5}{8} \times 1\frac{1}{8}$
$\frac{3}{4}$		$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$			$5\frac{3}{4} \times 1\frac{1}{4}$
$\frac{7}{8}$		$1\frac{3}{4}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$			$5\frac{3}{4} \times 1\frac{3}{8}$
$1\frac{1}{8}$		$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$			$5\frac{3}{4} \times 1\frac{3}{8}$
$1\frac{1}{4}$		$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$			$5\frac{3}{4} \times 1\frac{3}{8}$
$1\frac{3}{8}$		$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$			$5\frac{3}{4} \times 1\frac{3}{8}$
$1\frac{1}{2}$		$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$			$5\frac{3}{4} \times 1\frac{3}{8}$
$1\frac{5}{8}$		$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$			$5\frac{3}{4} \times 1\frac{3}{8}$
$1\frac{3}{4}$		$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$			$5\frac{3}{4} \times 1\frac{3}{8}$
$1\frac{7}{8}$		$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$			$5\frac{3}{4} \times 1\frac{3}{8}$
$1\frac{1}{16}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{7}{16}$	$\frac{11}{16}$	$5\frac{3}{4} \times 1\frac{3}{8}$			

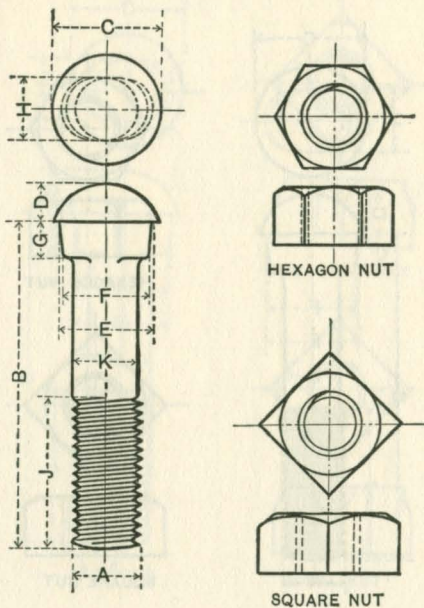
Above table gives thickness of nut without recess. If recess is wanted, thickness of nut will be increased $\frac{1}{8}$ " and length of bolt increased the same amount.

TRACK ACCESSORIES

TRACK BOLTS—Continued

ORDINARY

U. S. STANDARD CUT THREAD



Diam. A	Length B	Head		Shoulder				Length of Thread J	Diam. of Shank K	Size of Nut Width by Distance Across Flats
		C	D	E	F	G	H			
Inches		Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
$\frac{1}{2}$	Per Order	$\frac{27}{32}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{21}{32}$	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2} \times \frac{7}{8}$
$\frac{5}{8}$		$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{21}{32}$	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2} \times \frac{1}{4}$
$\frac{3}{4}$		$\frac{11}{16}$	$\frac{33}{32}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{4} \times \frac{1}{4}$
$\frac{7}{8}$		$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{7}{8} \times \frac{1}{4}$
1		$\frac{11}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{4}$
$1\frac{1}{8}$		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$
		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$
		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$
		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$
		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$
		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$
		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$
		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$
		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$
		$\frac{11}{16}$	$\frac{21}{16}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$\frac{11}{8}$	$1 \times \frac{1}{2}$

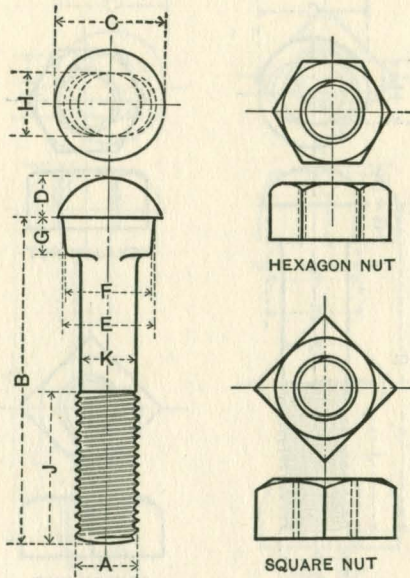
If other designs are desired, prints showing all dimensions should be submitted.

ILLINOIS STEEL COMPANY

TRACK BOLTS—Continued

OPEN HEARTH OIL QUENCHED

U. S. STANDARD ROLLED THREAD



Diam. A	Length B	Head		Shoulder				Length of Thread J	Diam. of Shank K	Size of Nut Width by Distance Across Flats
		C	D	E	F	G	H			
Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches
$\frac{3}{4}$	Per Order	$1\frac{1}{4}$	$1\frac{13}{16}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$1\frac{11}{16}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{8} \times 1\frac{1}{4}$
$\frac{13}{16}$		$1\frac{5}{8}$	$1\frac{11}{16}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$1\frac{3}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$1 \times 1\frac{3}{8}$
$\frac{1}{2}$		$1\frac{1}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$1\frac{1}{8}$	$1\frac{1}{16}$	$1\frac{1}{8} \times 1\frac{1}{16}$
$\frac{7}{8}$		$1\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$	$\frac{7}{16}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{1}{8} \times 1\frac{1}{8}$
1		$1\frac{3}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{7}{16}$	$1\frac{3}{8}$	$1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$
$1\frac{1}{16}$		$1\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{7}{16}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$
$1\frac{1}{8}$		$1\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{7}{16}$	$1\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$
			$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$
			$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$
			$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$
			$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$
			$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$\frac{7}{16}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{4} \times 1\frac{1}{8}$

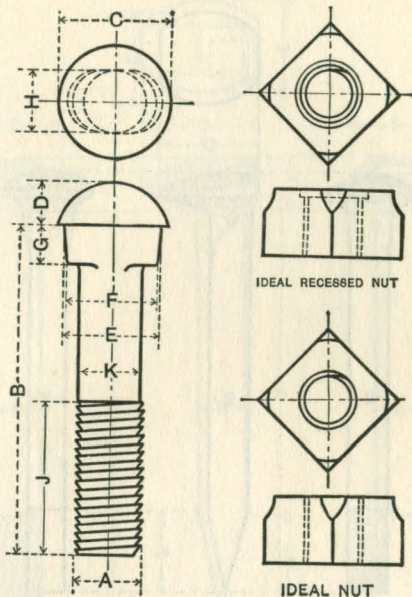
If other designs are desired, prints showing all dimensions should be submitted.

TRACK ACCESSORIES

TRACK BOLTS—Concluded

OPEN HEARTH OIL QUENCHED

HARVEY GRIP ROLLED THREAD



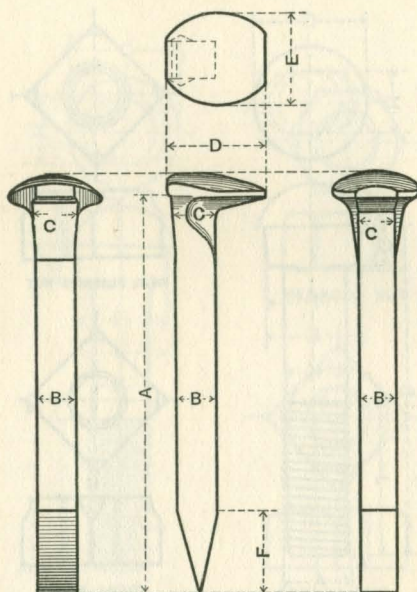
Diam, A	Length B	Head		Shoulder				Length of Thread J	Diam. of Shank K	Size of Nut Width by Distance Across Flats
		C	D	E	F	G	H			
Inches		Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches	
$\frac{3}{4}$	Per Order	$1\frac{1}{4}$	$\frac{15}{16}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{7}{8} \times 1\frac{1}{4}$	
$\frac{23}{32}$		$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$\frac{23}{32}$	$\frac{7}{8} \times 1\frac{1}{4}$	
$\frac{11}{16}$		$1\frac{1}{2}$	$1\frac{3}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$1 \times 1\frac{1}{8}$	
$\frac{7}{8}$		$1\frac{3}{4}$	$1\frac{7}{8}$	$\frac{5}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$1\frac{1}{8} \times 1\frac{1}{8}$	
$\frac{15}{16}$		$1\frac{1}{2}$	$1\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$1\frac{1}{8} \times 1\frac{1}{8}$	
1		$1\frac{3}{4}$	$1\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$1\frac{1}{4} \times 1\frac{1}{8}$	
$1\frac{1}{16}$		$1\frac{1}{2}$	$1\frac{1}{2}$	$\frac{5}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$1\frac{1}{4} \times 1\frac{1}{8}$	
$1\frac{1}{8}$		$1\frac{3}{4}$	$1\frac{3}{4}$	$\frac{5}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$1\frac{1}{4} \times 1\frac{1}{8}$	
			$1\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$1\frac{3}{8} \times 1\frac{1}{8}$	
			$1\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{7}{16}$	$\frac{11}{16}$	$1\frac{3}{8} \times 1\frac{1}{8}$	

Above table gives thickness of nut without recess. If recess is wanted, thickness of nut will be increased $\frac{1}{8}$ " and length of bolt increased the same amount.

ILLINOIS STEEL COMPANY

TRACK SPIKES

STANDARD TYPE



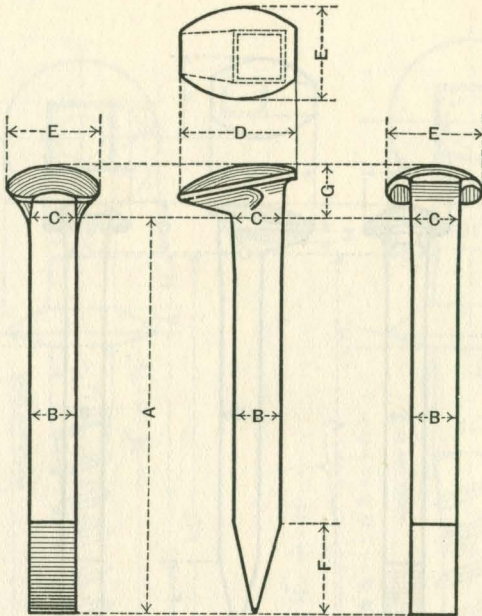
Length A	Thickness of Shank B	Thickness of Neck C	HEAD		Length of Taper F
			Length D	Width E	
Inch	Inch	Inch	Inch	Inch	Inch
2½	$\frac{3}{16}$	$\frac{5}{16}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{5}{8}$
2½	$\frac{3}{8}$	$\frac{3}{8}$	1	$\frac{3}{4}$	$\frac{3}{4}$
3	$\frac{3}{8}$	$\frac{3}{8}$	1	$\frac{3}{4}$	$\frac{3}{4}$
3½	$\frac{3}{8}$	$\frac{3}{8}$	1	$\frac{3}{4}$	$\frac{3}{4}$
4	$\frac{1}{2}$	$\frac{3}{8}$	$1\frac{1}{8}$	$\frac{1}{2}$	$\frac{3}{4}$
4	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$\frac{7}{8}$
3½	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{8}$	1
4	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{8}$	1
4½	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{8}$	1
5	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{8}$	1

If other designs are desired, prints showing all dimensions should be submitted.

TRACK ACCESSORIES

TRACK SPIKES—Continued

STANDARD TYPE



Length A	Thickness of Shank B	Thickness of Neck C	HEAD			Length of Taper F
			Length D	Width E	Depth G	
Inch	Inch	Inch	Inch	Inch	Inch	Inch
5	$\frac{5}{16}$	$\frac{5}{8}$	$1\frac{1}{2}$	$1\frac{1}{4}$	$\frac{5}{16}$	$1\frac{1}{8}$
$5\frac{1}{2}$	$\frac{5}{16}$	$\frac{5}{8}$	$1\frac{1}{2}$	$1\frac{1}{4}$	$\frac{5}{16}$	$1\frac{1}{8}$
6	$\frac{5}{16}$	$\frac{5}{8}$	$1\frac{1}{2}$	$1\frac{1}{4}$	$\frac{5}{16}$	$1\frac{1}{8}$
$5\frac{1}{2}$	$\frac{5}{8}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{5}{8}$	$\frac{21}{32}$	$1\frac{1}{4}$
6	$\frac{5}{8}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{5}{8}$	$\frac{21}{32}$	$1\frac{1}{4}$
$6\frac{1}{2}$	$\frac{5}{8}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{5}{8}$	$\frac{21}{32}$	$1\frac{1}{4}$
7	$\frac{5}{8}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$1\frac{5}{8}$	$\frac{21}{32}$	$1\frac{1}{4}$

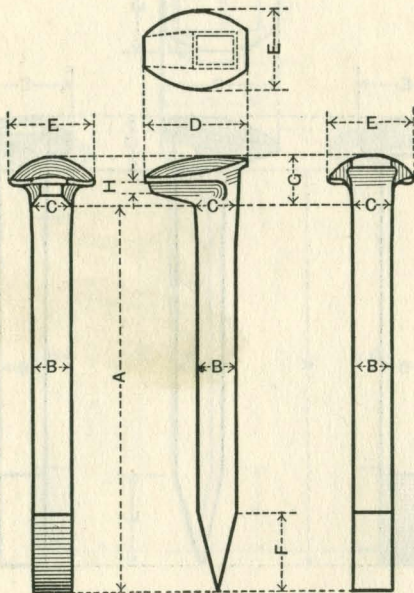
American Railway Engineering Association, 1920 Standards.

If other designs are desired, prints showing all dimensions should be submitted.

ILLINOIS STEEL COMPANY

TRACK SPIKES—Concluded

RAISED THROAT SPIKE

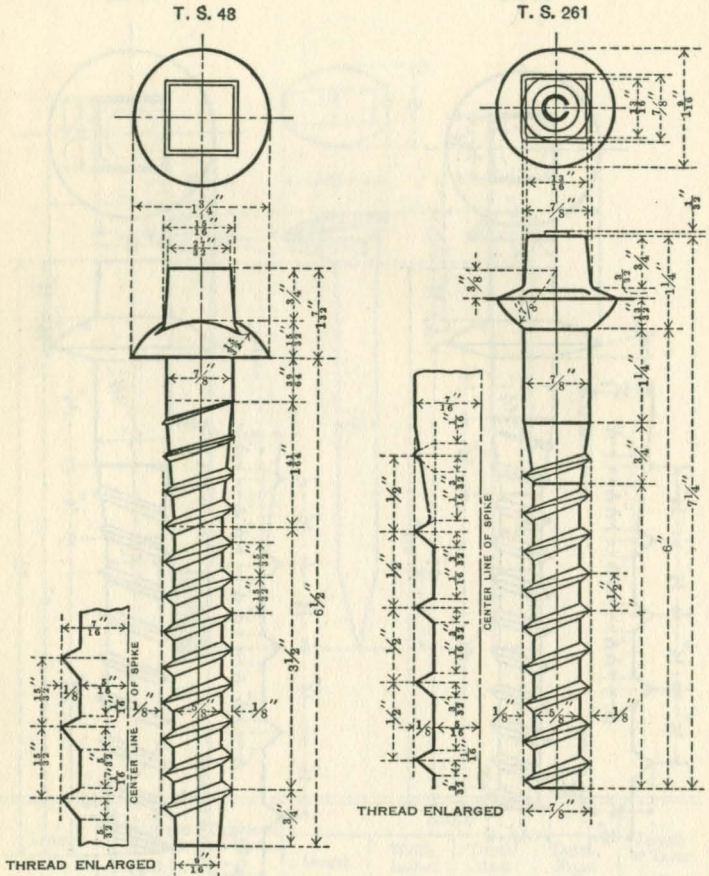


Length A	Thickness of Shank B	Thickness of Neck C	HEAD				Length of Taper F
			Length D	Width Inches E	Depth, Back G	Depth, Front H	
Inches	Inches	Inches	Inches	Inches	Inches	Inches	Inches
Per Order	$\frac{5}{8}$	$\frac{11}{16}$	$1\frac{3}{16}$	$1\frac{5}{16}$	$\frac{3}{4}$	$\frac{3}{16}$	$1\frac{1}{4}$
Per Order	$\frac{1}{8}$	$\frac{5}{8}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$\frac{5}{8}$	$\frac{1}{8}$	$1\frac{1}{8}$

If other designs are desired, prints showing all dimensions should be submitted.

ILLINOIS STEEL COMPANY

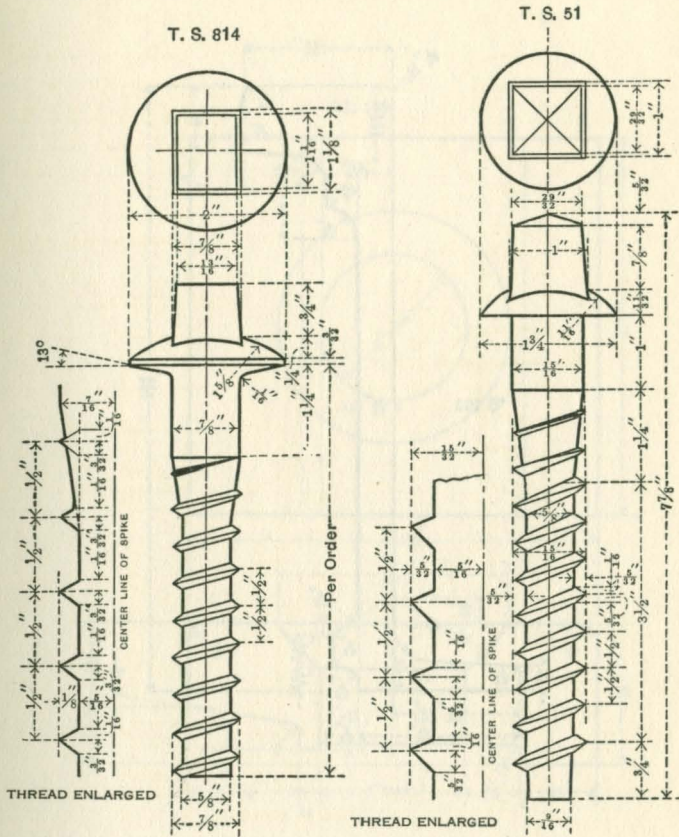
SCREW SPIKES—Continued



IF OTHER DESIGNS ARE DESIRED, PRINTS SHOWING ALL DIMENSIONS SHOULD BE SUBMITTED

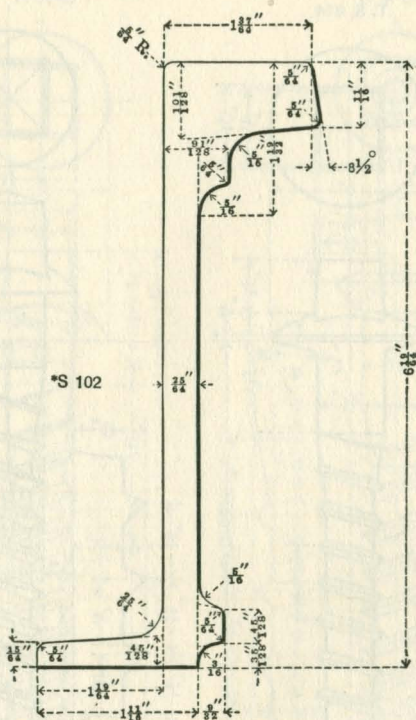
TRACK ACCESSORIES

TRACK SPIKES—Concluded



IF OTHER DESIGNS ARE DESIRED, PRINTS SHOWING ALL DIMENSIONS SHOULD BE SUBMITTED.

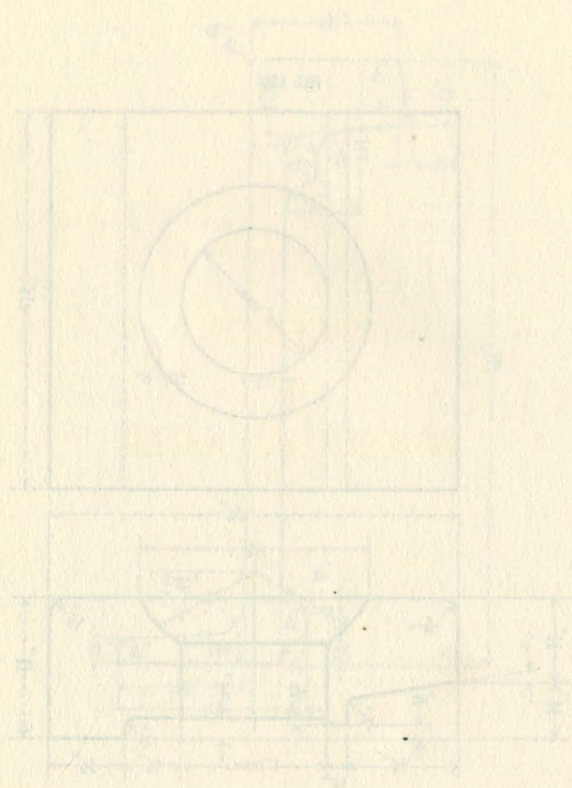
GUARD RAIL



Section Index	Size, Inches	Weight per Foot, Pounds
*S 102	$1\frac{1}{8} \times 6\frac{1}{2} \times 1\frac{1}{8}$	14.2

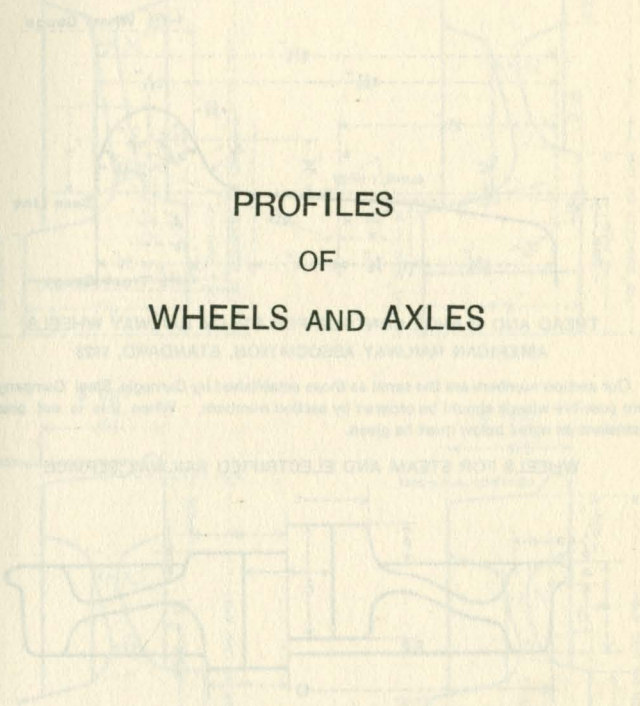
*Furnished only by special arrangement.

WALL CLIP



Net weight per clip, 1.25
 Gross weight per clip, 1.35

Number	Material	Quantity
1	Steel	100
2	Plaster	100



The background of the page features a large, faint technical drawing of a wheel and axle assembly. The drawing shows a cross-section of a wheel with a central axle, including various dimensions and lines indicating the manufacturing process. The drawing is oriented horizontally and occupies most of the page's area.

PROFILES OF WHEELS AND AXLES

Our Gary Wrought Steel Wheel Plant is equipped with the most modern facilities for Quenching and Tempering.

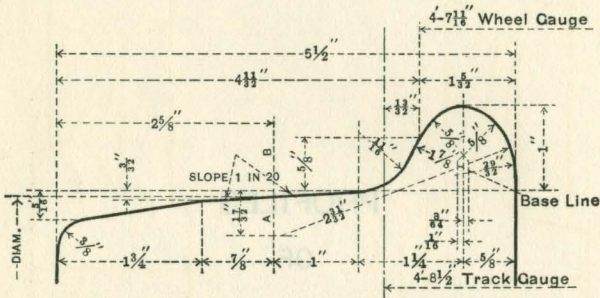
ILLINOIS STEEL COMPANY

WHEELS FOR STEAM RAILWAY SERVICE

Steam Railway Wheels are classified as to service as follows:

- Engine Truck Wheels
- Tender Wheels
- Passenger Car Wheels
- Freight Car Wheels
- Motor Car Wheels for Electrified Service

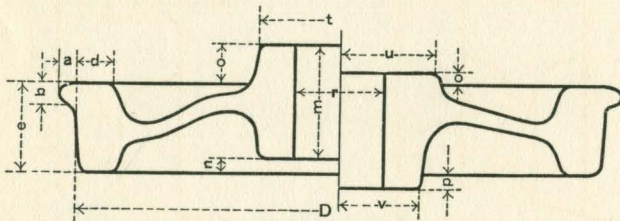
Tread and flange on wheels for these classes of service will be furnished to 1923 Contour of American Railway Association. This Contour is shown below. If special Contour is desired please submit for consideration.



TREAD AND FLANGE CONTOUR FOR STEAM RAILWAY WHEELS
AMERICAN RAILWAY ASSOCIATION, STANDARD, 1923

Our section numbers are the same as those established by Carnegie Steel Company and when possible wheels should be ordered by section numbers. When this is not possible, dimensions as noted below must be given.

WHEELS FOR STEAM AND ELECTRIFIED RAILWAY SERVICE



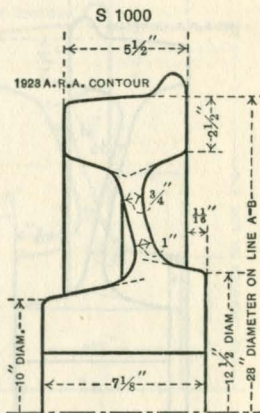
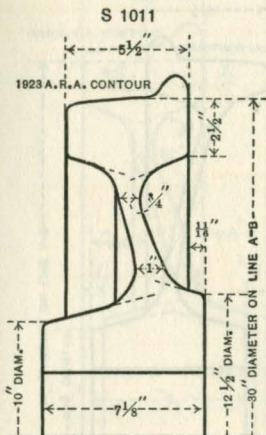
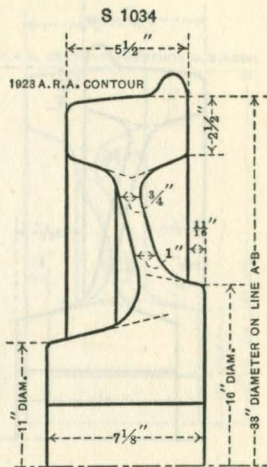
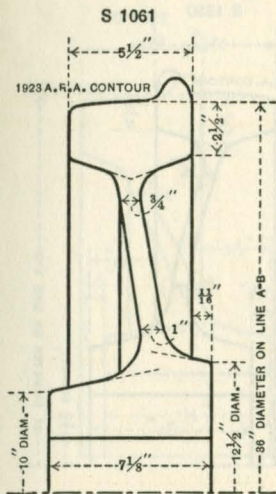
Diameter D, Inches	RIM		HUB						
	Width e, Inches	Thickness d, Inches	DIAMETER			Length m, Inches	Projection o, p, Inches	Depression n, Inches	Rough Bore r, Inches
			t, Inches	u, Inches	v, Inches				

Standard Designs are shown on pages 191 to 194, incl.

WHEELS

WHEELS FOR STEAM RAILWAY SERVICE—Continued

ENGINE TRUCK WHEELS

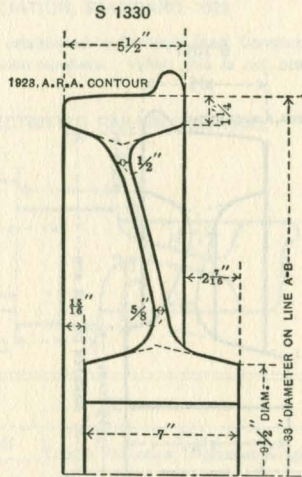
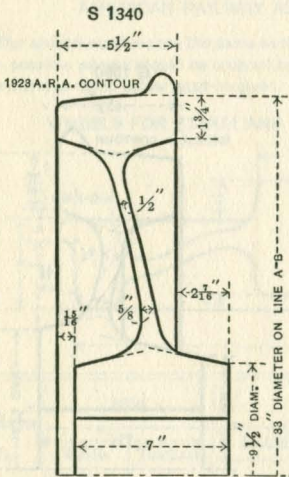
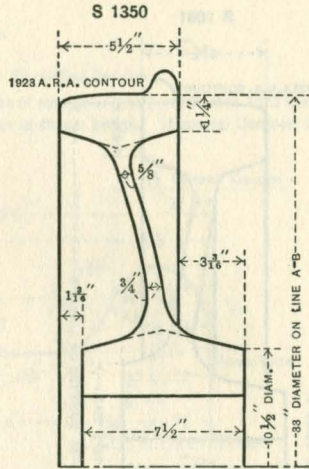
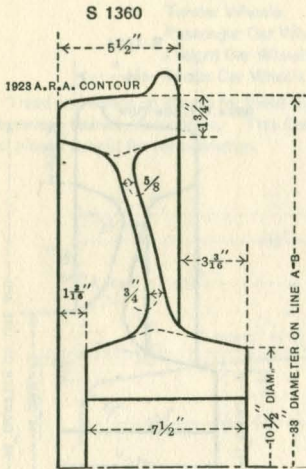


ROUGH BORE AS SPECIFIED, FIGURES SHOW FINISHED SIZES.

ILLINOIS STEEL COMPANY

WHEELS FOR STEAM RAILWAY SERVICE—Continued

FREIGHT CAR WHEELS LIGHT WEIGHT

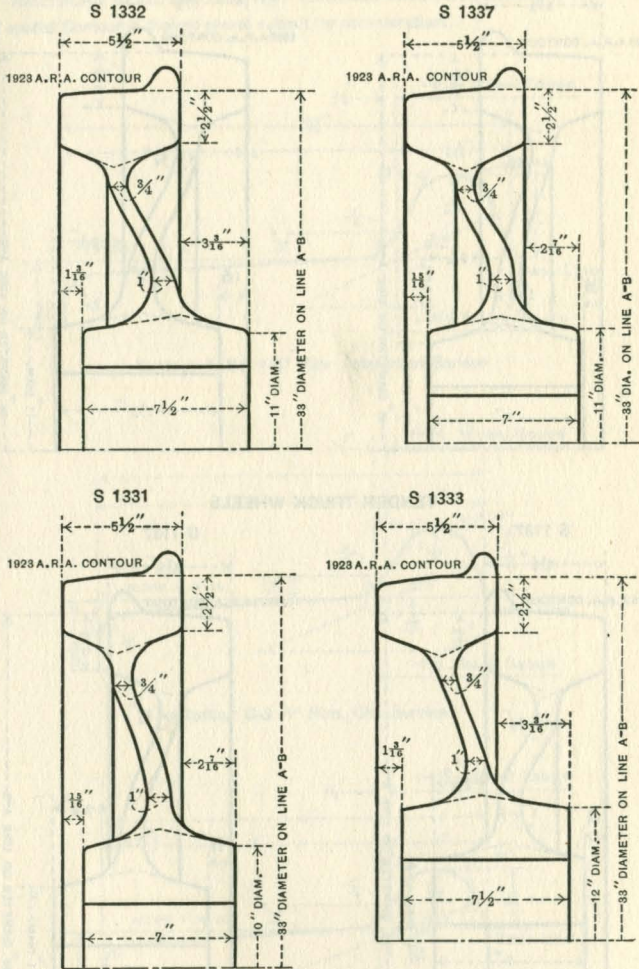


ROUGH BORE AS SPECIFIED, FIGURES SHOW FINISHED SIZES

WHEELS

WHEELS FOR STEAM RAILWAY SERVICE—Continued

FREIGHT CAR WHEELS

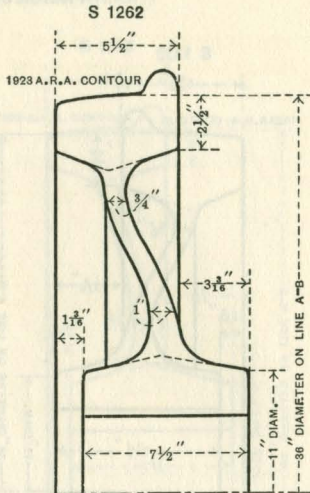
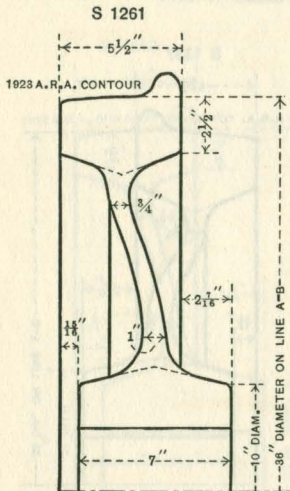


ROUGH BORE AS SPECIFIED, FIGURES SHOW FINISHED SIZES

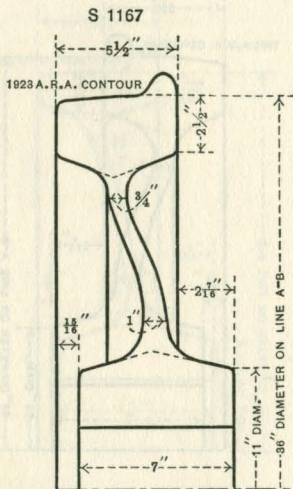
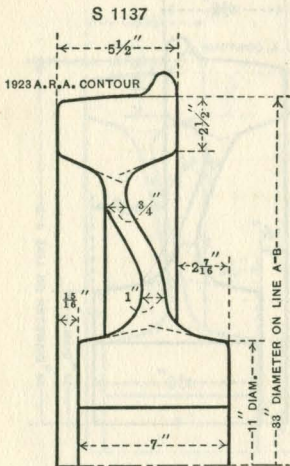
ILLINOIS STEEL COMPANY

WHEELS FOR STEAM RAILWAY SERVICE—Concluded

36" PASSENGER CAR



TENDER TRUCK WHEELS



ROUGH BORE AS SPECIFIED, FIGURES SHOW FINISHED SIZES.

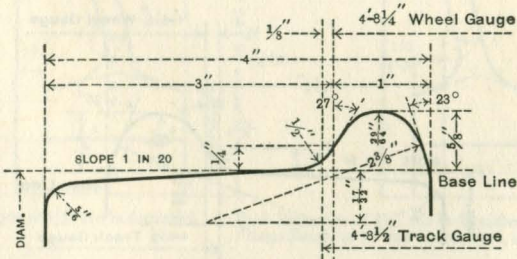
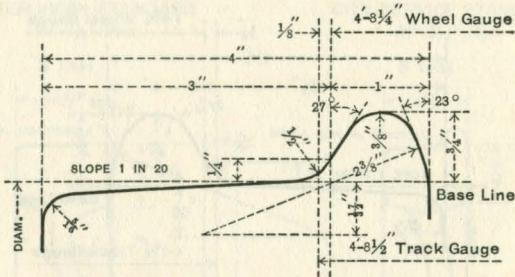
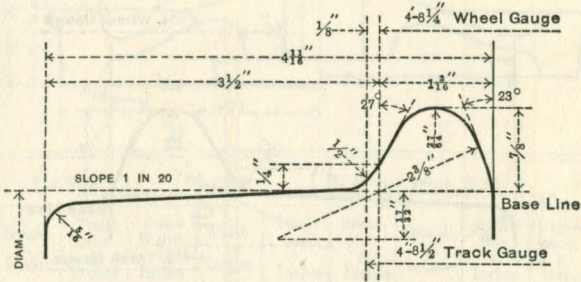
WHEELS

WHEELS FOR ELECTRIC RAILWAY SERVICE

TREAD AND FLANGE CONTOURS

AMERICAN ELECTRIC RAILWAY ENGINEERING ASSOCIATION, 1926

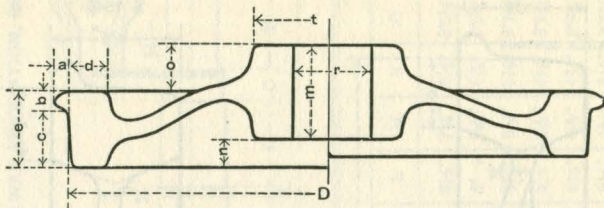
If special Contour is desired please submit for consideration.



WHEELS

WHEELS FOR ELECTRIC RAILWAY SERVICE—Continued

Sections ordered for this service must show section number or full dimensions as noted below:

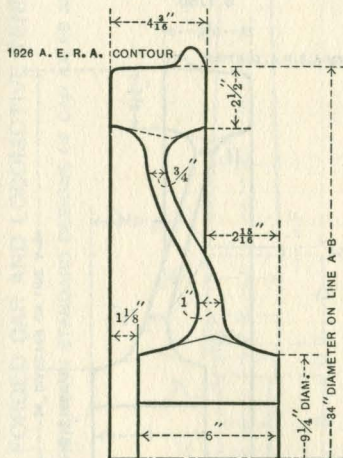


Dia- meter, D, Inches	FLANGE		RIM			HUB				
	Height, a, Inches	Thick- ness, b, Inches	Tread Width, c, Inches	Width, e, Inches	Thick- ness, d, Inches	Diam- eter, t, Inches	Length, m, Inches	Projec- tion, o, Inches	Depres- sion, n, Inches	Rough Bore r, Inches

INTERURBAN STANDARD

34"-4 $\frac{3}{8}$ " Rim

S 1444

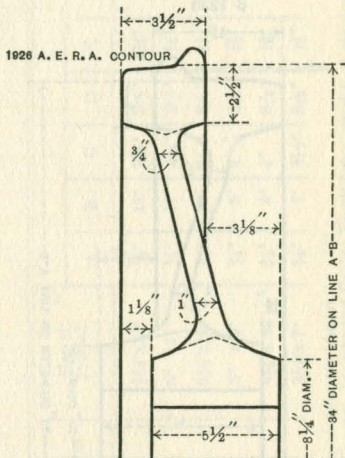


Back Projection of 1 $\frac{1}{8}$ " can be furnished, if specified.

CITY SERVICE STANDARD

34"-3 $\frac{1}{2}$ " Rim

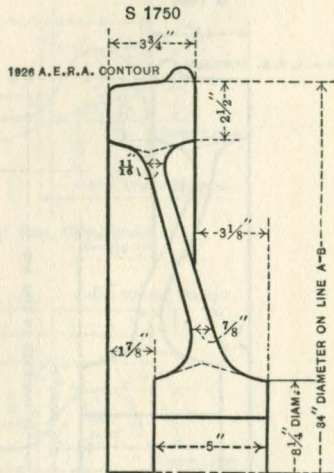
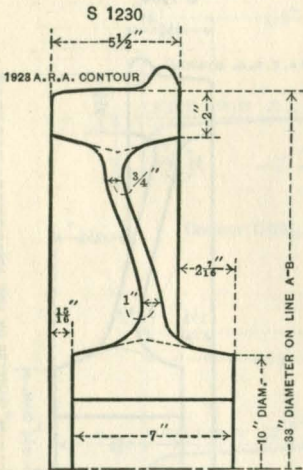
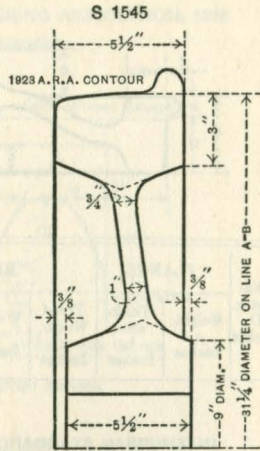
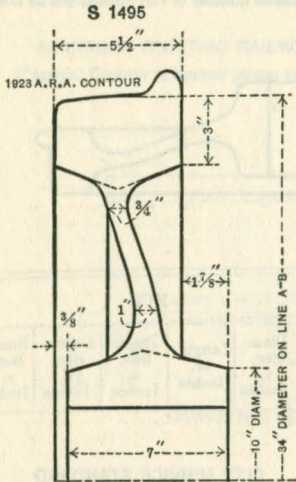
S 1934



Back Projection of 2 $\frac{1}{8}$ " can be furnished, if specified. Flange Height of $\frac{5}{8}$ " can be furnished, if specified.

ROUGH BORE AS SPECIFIED, FIGURES SHOW FINISHED SIZES

WHEELS FOR ELECTRIC RAILWAY SERVICE—Concluded

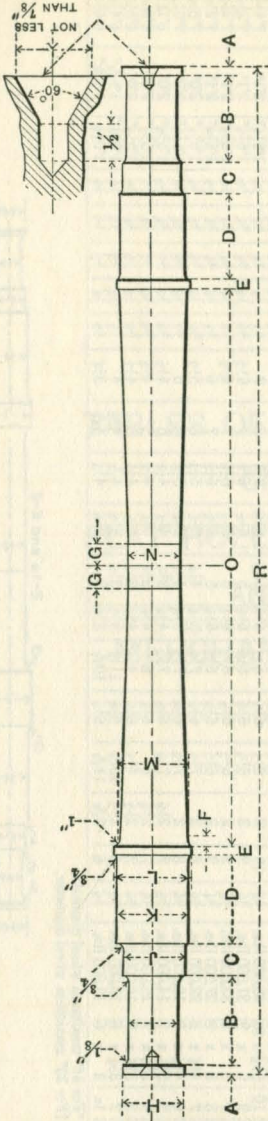


ROUGH BORE AS SPECIFIED, FIGURES SHOW FINISHED SIZES.

AXLES

FORGED CAR AND LOCOMOTIVE TENDER AXLES FOR STEAM RAILWAY SERVICE.

BELOW ARE SHOWN STANDARD DESIGNS OF CAR AXLES ADOPTED BY THE AMERICAN RAILWAY ASSOCIATION, REVISED 1928

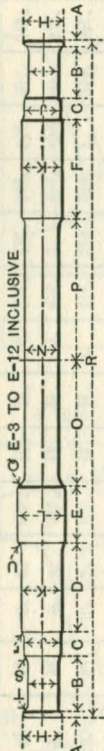


DIMENSIONS

A. R. A. Classification of Axle	Size of Journal	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	R	
F	6 1/2" x 12"	7/8"	12"	2 1/4"	8 5/8"	1 3/4"	3/4"	3"	7 3/4"	6 1/2"	7 3/4"	8 1/8"	8 1/2"	7 1 1/8"	6 7/8"	3 5/8"	7"	8 1/2"
E	6" x 11"	7/8"	11"	2 1/4"	8 5/8"	1 3/4"	3/4"	3"	7 1/4"	6"	7 1/4"	7 3/8"	8"	7 1 1/8"	6 1 1/8"	3 5/8"	7"	6 3/4"
D	5 1/2" x 10"	3/4"	10"	2"	8 1 1/8"	1 1/8"	3/4"	3"	6 5/8"	5 1/2"	6 5/8"	7"	7 3/8"	6 3/4"	5 7/8"	3 9/16"	7"	4 1/2"
C	5" x 9"	3/4"	9"	2"	8 1 1/8"	1 1/8"	3/4"	1 1/2"	6 1/8"	5"	6 1/8"	6 1/2"	6 7/8"	6 1 1/8"	5 3/8"	3 9/16"	7"	2 1/2"
B	4 1/4" x 8"	5/8"	8"	2"	8 1 1/8"	1 1/8"	3/4"	1 1/2"	5 1/4"	4 1/4"	5 1/4"	5 3/4"	6 1/8"	5 1 1/8"	4 3/8"	3 9/16"	7"	0 1/2"
A	3 3/4" x 7"	5/8"	7"	2 1/2"	8 1 1/8"	1 1/8"	3/4"	1 1/2"	4 3/4"	3 3/4"	4 3/4"	5 1/8"	5 1/2"	4 7/8"	4 1/4"	3 9/16"	6 11/16"	

Finished Dimensions are shown. Locomotive Driving, Trailing and Engine Truck Axles, as well as designs other than those shown above, may be submitted for consideration.

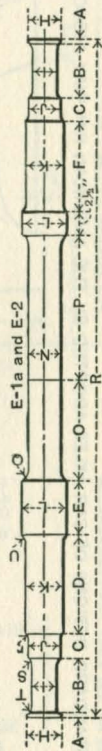
FORGED AXLES FOR ELECTRIC RAILWAY MOTORS
 BELOW ARE SHOWN STANDARD DESIGNS OF MOTOR TRUCK AXLES ADOPTED BY THE AMERICAN ELECTRIC RAILWAY
 ENGINEERING ASSOCIATION REVISED 1930.



DIMENSIONS

AEREA Classification of Axle	Size of Journal	Maximum Capacity	A	B	C	D	E	F	H	I	J	K	L	N	Q	U	r	S	T	O	P	R
E 12	6 1/2 x 12	57,000 lbs.	7 1/2	12	2	6 1/2	6 1/8	6 1/2	7 3/4	6 3/2	7 3/4	8 1/8	9	8	3 1/4	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	21"	7 3/8"
*E 11	6 x 11	48,000 lbs.	7 1/8	11	2	6 1/2	6 1/8	6 1/2	7 1/4	6	7 1/4	8 1/8	8 1/2	7 1/2	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	21"	7 5/8"
†E 11	6 x 11	50,000 lbs.	7 3/8	11	2	6 1/2	6 1/8	6 1/2	7 1/4	6	7 1/4	8 1/8	8 1/2	7 1/2	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	21"	7 5/8"
*E 10	5 1/2 x 10	38,000 lbs.	6 3/4	10	2	6 1/2	6 1/8	6 1/2	6 3/8	5 1/2	6 3/8	7 1/8	8	7	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	21"	7 1/2"
†E 10	5 1/2 x 10	40,000 lbs.	6 3/4	10	2	6 1/2	6 1/8	6 1/2	6 3/8	5 1/2	6 3/8	7 1/8	8	7	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	21"	7 1/2"
*E 9	5 x 9	31,000 lbs.	6 1/4	9	2	6 1/2	6 1/8	6 1/2	6 3/8	5	6 1/8	6 3/8	7 1/8	6 1/2	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	21"	7 1/2"
†E 9	5 x 9	32,000 lbs.	6 1/4	9	2	6 1/2	6 1/8	6 1/2	6 3/8	5	6 1/8	6 3/8	7 1/8	6 1/2	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	21"	7 1/2"
E 8	5 x 8	27,000 lbs.	6 1/8	8	2	6 1/2	6 1/8	6 1/2	6 3/8	4 3/4	6 1/8	6 3/8	7 1/8	6	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	20"	7 1/2"
E 7	4 1/4 x 8	22,000 lbs.	6 1/8	8	2	6 1/2	6 1/8	6 1/2	6 3/8	4 3/4	6 1/8	6 3/8	7 1/8	6	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	20"	7 1/2"
E 6	4 1/4 x 7	18,000 lbs.	6 1/8	7	2 1/2	7 1/2	6 1/8	6 1/2	6 3/8	4 3/4	6 1/8	6 3/8	7 1/8	5	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	20"	7 1/2"
E 5	3 3/4 x 7	14,000 lbs.	6 1/8	7	2 1/2	7 1/2	6 1/8	6 1/2	6 3/8	4 3/4	6 1/8	6 3/8	7 1/8	5	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	20"	7 1/2"
E 4	3 3/4 x 7	15,000 lbs.	6 1/8	7	2 1/2	6	6 1/8	6	6 3/8	4 3/4	6 1/8	6 3/8	7 1/8	4 1/2	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	20"	6 8 1/4"
E 3	3 3/4 x 6	16,000 lbs.	6 1/8	7	2 1/2	6	6 1/8	6	6 3/8	4 3/4	6 1/8	6 3/8	7 1/8	4 1/2	3 1/8	1 1/4	3 1/4	1 1/8	1 1/8	1 1/8	20"	6 8 1/4"
E 2	3 1/4 x 6	13,000 lbs.	6 1/8	6	2 1/2	10 3/8	6 1/8	11 1/8	3 3/8	3 1/2	4 1/4	4 1/4	4 1/2	4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
E 1a	3 x 6	13,000 lbs.	1 1/2	6	2 1/8	11 1/8	6 1/8	10 1/8	3 3/8	3	3 3/8	4 1/4	4 1/8	3 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
E 1b	3 x 6	13,000 lbs.	1 1/2	6	2 1/8	11 1/8	6 1/8	10 1/8	3 3/8	3	3 3/8	4 1/4	4 1/8	3 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2

*For 36" maximum wheel diameter.
 †For 33" maximum wheel diameter.



Capacities based on steel per A. E. R. E. A. Standard Specification for "Annealed Carbon Steel Axles, Shafts and Similar Forgings" (E 6-23).
 Finished dimensions are shown.
 Axles other than those shown above, may be submitted for consideration.

THE average weight of steel is obtained by
the following tables and in the tables which
follow is given a general rule for finding the weight
of any piece of steel of any size and shape.
The weight of steel is given in pounds per
square foot of surface and in pounds per
linear foot of length.

**TABLES OF WEIGHTS
OF
FLAT ROLLED STEEL
AND
MERCHANT BARS**

THE weight of steel is given in pounds per
square foot of surface and in pounds per
linear foot of length. The weight of steel
is given in pounds per square foot of surface
and in pounds per linear foot of length.

TABLES OF WEIGHTS
OF
FLAT ROLLED STEEL
AND
MERCHANT BARS

WEIGHTS OF FLAT ROLLED STEEL

Thickness, in.	Weight per sq. ft.
1/16	0.283
3/32	0.425
1/8	0.567
5/32	0.708
3/16	0.850
7/32	0.992
1/2	1.134
9/16	1.276
5/8	1.418
3/4	1.560
7/8	1.702
1	1.844
1 1/8	1.986
1 1/4	2.128
1 3/8	2.270
1 1/2	2.412
1 5/8	2.554
1 3/4	2.696
1 7/8	2.838
2	2.980
2 1/8	3.122
2 1/4	3.264
2 3/8	3.406
2 1/2	3.548
2 5/8	3.690
2 3/4	3.832
2 7/8	3.974
3	4.116
3 1/8	4.258
3 1/4	4.400
3 3/8	4.542
3 1/2	4.684
3 5/8	4.826
3 3/4	4.968
3 7/8	5.110
4	5.252
4 1/8	5.394
4 1/4	5.536
4 3/8	5.678
4 1/2	5.820
4 5/8	5.962
4 3/4	6.104
4 7/8	6.246
5	6.388
5 1/8	6.530
5 1/4	6.672
5 3/8	6.814
5 1/2	6.956
5 5/8	7.098
5 3/4	7.240
5 7/8	7.382
6	7.524
6 1/8	7.666
6 1/4	7.808
6 3/8	7.950
6 1/2	8.092
6 5/8	8.234
6 3/4	8.376
6 7/8	8.518
7	8.660
7 1/8	8.802
7 1/4	8.944
7 3/8	9.086
7 1/2	9.228
7 5/8	9.370
7 3/4	9.512
7 7/8	9.654
8	9.796
8 1/8	9.938
8 1/4	10.080
8 3/8	10.222
8 1/2	10.364
8 5/8	10.506
8 3/4	10.648
8 7/8	10.790
9	10.932
9 1/8	11.074
9 1/4	11.216
9 3/8	11.358
9 1/2	11.500
9 5/8	11.642
9 3/4	11.784
9 7/8	11.926
10	12.068
10 1/8	12.210
10 1/4	12.352
10 3/8	12.494
10 1/2	12.636
10 5/8	12.778
10 3/4	12.920
10 7/8	13.062
11	13.204
11 1/8	13.346
11 1/4	13.488
11 3/8	13.630
11 1/2	13.772
11 5/8	13.914
11 3/4	14.056
11 7/8	14.198
12	14.340
12 1/8	14.482
12 1/4	14.624
12 3/8	14.766
12 1/2	14.908
12 5/8	15.050
12 3/4	15.192
12 7/8	15.334
13	15.476
13 1/8	15.618
13 1/4	15.760
13 3/8	15.902
13 1/2	16.044
13 5/8	16.186
13 3/4	16.328
13 7/8	16.470
14	16.612
14 1/8	16.754
14 1/4	16.896
14 3/8	17.038
14 1/2	17.180
14 5/8	17.322
14 3/4	17.464
14 7/8	17.606
15	17.748
15 1/8	17.890
15 1/4	18.032
15 3/8	18.174
15 1/2	18.316
15 5/8	18.458
15 3/4	18.600
15 7/8	18.742
16	18.884
16 1/8	19.026
16 1/4	19.168
16 3/8	19.310
16 1/2	19.452
16 5/8	19.594
16 3/4	19.736
16 7/8	19.878
17	20.020
17 1/8	20.162
17 1/4	20.304
17 3/8	20.446
17 1/2	20.588
17 5/8	20.730
17 3/4	20.872
17 7/8	21.014
18	21.156
18 1/8	21.298
18 1/4	21.440
18 3/8	21.582
18 1/2	21.724
18 5/8	21.866
18 3/4	22.008
18 7/8	22.150
19	22.292
19 1/8	22.434
19 1/4	22.576
19 3/8	22.718
19 1/2	22.860
19 5/8	23.002
19 3/4	23.144
19 7/8	23.286
20	23.428
20 1/8	23.570
20 1/4	23.712
20 3/8	23.854
20 1/2	23.996
20 5/8	24.138
20 3/4	24.280
20 7/8	24.422
21	24.564
21 1/8	24.706
21 1/4	24.848
21 3/8	24.990
21 1/2	25.132
21 5/8	25.274
21 3/4	25.416
21 7/8	25.558
22	25.700
22 1/8	25.842
22 1/4	25.984
22 3/8	26.126
22 1/2	26.268
22 5/8	26.410
22 3/4	26.552
22 7/8	26.694
23	26.836
23 1/8	26.978
23 1/4	27.120
23 3/8	27.262
23 1/2	27.404
23 5/8	27.546
23 3/4	27.688
23 7/8	27.830
24	27.972
24 1/8	28.114
24 1/4	28.256
24 3/8	28.398
24 1/2	28.540
24 5/8	28.682
24 3/4	28.824
24 7/8	28.966
25	29.108
25 1/8	29.250
25 1/4	29.392
25 3/8	29.534
25 1/2	29.676
25 5/8	29.818
25 3/4	29.960
25 7/8	30.102
26	30.244
26 1/8	30.386
26 1/4	30.528
26 3/8	30.670
26 1/2	30.812
26 5/8	30.954
26 3/4	31.096
26 7/8	31.238
27	31.380
27 1/8	31.522
27 1/4	31.664
27 3/8	31.806
27 1/2	31.948
27 5/8	32.090
27 3/4	32.232
27 7/8	32.374
28	32.516
28 1/8	32.658
28 1/4	32.800
28 3/8	32.942
28 1/2	33.084
28 5/8	33.226
28 3/4	33.368
28 7/8	33.510
29	33.652
29 1/8	33.794
29 1/4	33.936
29 3/8	34.078
29 1/2	34.220
29 5/8	34.362
29 3/4	34.504
29 7/8	34.646
30	34.788
30 1/8	34.930
30 1/4	35.072
30 3/8	35.214
30 1/2	35.356
30 5/8	35.498
30 3/4	35.640
30 7/8	35.782
31	35.924
31 1/8	36.066
31 1/4	36.208
31 3/8	36.350
31 1/2	36.492
31 5/8	36.634
31 3/4	36.776
31 7/8	36.918
32	37.100
32 1/8	37.242
32 1/4	37.384
32 3/8	37.526
32 1/2	37.668
32 5/8	37.810
32 3/4	37.952
32 7/8	38.094
33	38.236
33 1/8	38.378
33 1/4	38.520
33 3/8	38.662
33 1/2	38.804
33 5/8	38.946
33 3/4	39.088
33 7/8	39.230
34	39.372
34 1/8	39.514
34 1/4	39.656
34 3/8	39.798
34 1/2	39.940
34 5/8	40.082
34 3/4	40.224
34 7/8	40.366
35	40.508
35 1/8	40.650
35 1/4	40.792
35 3/8	40.934
35 1/2	41.076
35 5/8	41.218
35 3/4	41.360
35 7/8	41.502
36	41.644
36 1/8	41.786
36 1/4	41.928
36 3/8	42.070
36 1/2	42.212
36 5/8	42.354
36 3/4	42.496
36 7/8	42.638
37	42.780
37 1/8	42.922
37 1/4	43.064
37 3/8	43.206
37 1/2	43.348
37 5/8	43.490
37 3/4	43.632
37 7/8	43.774
38	43.916
38 1/8	44.058
38 1/4	44.200
38 3/8	44.342
38 1/2	44.484
38 5/8	44.626
38 3/4	44.768
38 7/8	44.910
39	45.052
39 1/8	45.194
39 1/4	45.336
39 3/8	45.478
39 1/2	45.620
39 5/8	45.762
39 3/4	45.904
39 7/8	46.046
40	46.188
40 1/8	46.330
40 1/4	46.472
40 3/8	46.614
40 1/2	46.756
40 5/8	46.898
40 3/4	47.040
40 7/8	47.182
41	47.324
41 1/8	47.466
41 1/4	47.608
41 3/8	47.750
41 1/2	47.892
41 5/8	48.034
41 3/4	48.176
41 7/8	48.318
42	48.460
42 1/8	48.602
42 1/4	48.744
42 3/8	48.886
42 1/2	49.028
42 5/8	49.170
42 3/4	49.312
42 7/8	49.454
43	49.596
43 1/8	49.738
43 1/4	49.880
43 3/8	50.022
43 1/2	50.164
43 5/8	50.306
43 3/4	50.448
43 7/8	50.590
44	50.732
44 1/8	50.874
44 1/4	51.016
44 3/8	51.158
44 1/2	51.300
44 5/8	51.442
44 3/4	51.584
44 7/8	51.726
45	51.868
45 1/8	52.010
45 1/4	52.152
45 3/8	52.294
45 1/2	52.436
45 5/8	52.578
45 3/4	52.720
45 7/8	52.862
46	53.004
46 1/8	53.146
46 1/4	53.288
46 3/8	53.430
46 1/2	53.572
46 5/8	53.714
46 3/4	53.856
46 7/8	54.000
47	54.140
47 1/8	54.282
47 1/4	54.424
47 3/8	54.566
47 1/2	54.708
47 5/8	54.850
47 3/4	54.992
47 7/8	55.134
48	55.276
48 1/8	55.418
48 1/4	55.560
48 3/8	55.702
48 1/2	55.844
48 5/8	55.986
48 3/4	56.128
48 7/8	56.270
49	56.412
49 1/8	56.554
49 1/4	56.696
49 3/8	56.838
49 1/2	56.980
49 5/8	57.122
49 3/4	57.264
49 7/8	57.406
50	57.548
50 1/8	57.690
50 1/4	57.832
50 3/8	57.974
50 1/2	58.116
50 5/8	58.258
50 3/4	58.400
50 7/8	58.542
51	58.684
51 1/8	58.826
51 1/4	58.968
51 3/8	59.110
51 1/2	59.252
51 5/8	59.394
51 3/4	59.536
51 7/8	59.678
52	59.820
52 1/8	59.962
52 1/4	60.104
52 3/8	60.246
52 1/2	60.388
52 5/8	60.530
52 3/4	60.672
52 7/8	60.814
53	60.956
53 1/8	61.098
53 1/4	61.240
53 3/8	61.382
53 1/2	61.524
53 5/8	61.666
53 3/4	61.808
53 7/8	61.950
54	62.092
54 1/8	62.234
54 1/4	62.376
54 3/8	62.518
54 1/2	62.660
54 5/8	62.802
54 3/4	62.944
54 7/8	63.086
55	63.228
55 1/8	63.370
55 1/4	63.512
55 3/8	63.654
55 1/2	63.796
55 5/8	63.938
55 3/4	64.080
55 7/8	64.222
56	64.364
56 1/8	64.506
56 1/4	64.648
56 3/8	64.790
56 1/2	64.932
56 5/8	65.074
56 3/4	65.216
56 7/8	65.358
57	65.500
57 1/8	65.642
57 1/4	65.784
57 3/8	65.926
57 1/2	66.068
57 5/8	66.210
57 3/4	66.352
57 7/8	66.494

WEIGHTS OF FLAT ROLLED STEEL

THE average weight of steel is assumed in the preceding tables and in the tables which follow as 489.6 pounds per cubic foot. A bar an 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 in the tables which follow are mathematical only and have no relation to the range of sizes in any particular line manufactured by this Company. Information as to the ranges which are rolled is given for any section at its proper place in the preceding pages.

ILLINOIS STEEL COMPANY

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

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
 TABLE II—Thicknesses in Gauges from No. 24 to No. 1—Widths from $\frac{3}{8}$ inch to 12 inches

Thickness B. W. G.	WIDTH, INCHES																						
	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$											
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	.0715	.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	.2926	.3026	.3127	.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	.3798	.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

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE II—Continued

Thickness, B. W. G.	WIDTH, INCHES																
	1 1/8	1 1/4	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4	2 7/8	3	
24	.0818	.0842	.0865	.0888	.0912	.0935	.0958	.0982	.1005	.1029	.1052	.1075	.1099	.1122	.1145	.1168	.1191
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	.1822	.1859	.1896
19	.1562	.1607	.1651	.1696	.1740	.1785	.1830	.1874	.1919	.1964	.2008	.2053	.2097	.2142	.2186	.2231	.2275
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	.3383	.3453	.3521
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	.4496
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	.6976	.7119	.7261
9	.5504	.5661	.5818	.5975	.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	.8591	.8766	.8941
7	.6694	.6885	.7076	.7268	.7459	.7649	.7839	.8029	.8219	.8409	.8599	.8789	.8979	.9169	.9359	.9549	.9739
6	.7549	.7765	.7980	.8196	.8412	.8628	.8843	.9059	.9275	.9490	.9706	.9922	1.0137	1.0353	1.0568	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	1.1454	1.1688	1.1922
4	.8851	.9104	.9356	.9607	.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	1.5088	1.5390
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

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE II—Continued

Thickness, B. W. G.	WIDTH, INCHES																		
	3 1/8	3 5/8	3 1/2	3 3/4	3 1/4	3 1/2	3 3/8	4	4 1/8	4 1/4	4 1/2	4 3/4	4 1/2	4 5/8	4 3/4	4 7/8	5	5 1/8	
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	3.507
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
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	4.105	4.165	4.225	4.284	4.344	4.403	4.462
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
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
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
18	5.935	6.039	6.143	6.248	6.352	6.456	6.560	6.664	6.768	6.872	6.976	7.081	7.185	7.289	7.393	7.497	7.601	7.705	7.809
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
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
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
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
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
12	1.3203	1.3434	1.3666	1.3898	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
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
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
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
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
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
6	2.4588	2.5020	2.5451	2.5883	2.6314	2.6745	2.7177	2.7608	2.8039	2.8471	2.8902	2.9334	2.9765	3.0196	3.0628	3.1059	3.1490	3.1922	3.2353
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
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	3.5908	3.6414	3.6920	3.7426	3.7931
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
2	3.4400	3.5023	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	4.4055	4.4659	4.5263
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

ILLINOIS STEEL COMPANY

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

Thickness,
R. W. G.

		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 3/8	9 1/2	9 5/8	9 3/4	10	10 1/8	10 1/4	10 3/8	10 1/2	11	11 1/8	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	7.48	7.67	7.85	8.04	8.23	8.42	8.60	8.79	8.98	9.17	9.36	9.55	9.74
23	6.006	6.103	6.199	6.295	6.391	6.487	6.583	6.679	6.775	6.871	6.967	7.063	7.159	7.255	7.44	7.63	7.82	8.01	8.20	8.39	8.58	8.77	8.96	9.15	9.34	9.53	9.72
22	5.935	6.034	6.132	6.230	6.328	6.426	6.524	6.622	6.720	6.818	6.916	7.014	7.112	7.210	7.40	7.59	7.78	7.97	8.16	8.35	8.54	8.73	8.92	9.11	9.30	9.49	9.68
21	5.864	5.964	6.063	6.162	6.261	6.360	6.459	6.558	6.657	6.756	6.855	6.954	7.053	7.152	7.34	7.53	7.72	7.91	8.10	8.29	8.48	8.67	8.86	9.05	9.24	9.43	9.62
20	5.793	5.893	5.992	6.091	6.190	6.289	6.388	6.487	6.586	6.685	6.784	6.883	6.982	7.081	7.27	7.46	7.65	7.84	8.03	8.22	8.41	8.60	8.79	8.98	9.17	9.36	9.55
19	5.722	5.822	5.921	6.020	6.119	6.218	6.317	6.416	6.515	6.614	6.713	6.812	6.911	7.010	7.20	7.39	7.58	7.77	7.96	8.15	8.34	8.53	8.72	8.91	9.10	9.29	9.48
18	5.651	5.751	5.850	5.949	6.048	6.147	6.246	6.345	6.444	6.543	6.642	6.741	6.840	6.939	7.13	7.32	7.51	7.70	7.89	8.08	8.27	8.46	8.65	8.84	9.03	9.22	9.41
17	5.580	5.680	5.779	5.878	5.977	6.076	6.175	6.274	6.373	6.472	6.571	6.670	6.769	6.868	7.06	7.25	7.44	7.63	7.82	8.01	8.20	8.39	8.58	8.77	8.96	9.15	9.34
16	5.509	5.609	5.708	5.807	5.906	6.005	6.104	6.203	6.302	6.401	6.500	6.599	6.698	6.797	6.99	7.18	7.37	7.56	7.75	7.94	8.13	8.32	8.51	8.70	8.89	9.08	9.27
15	5.438	5.538	5.637	5.736	5.835	5.934	6.033	6.132	6.231	6.330	6.429	6.528	6.627	6.726	6.92	7.11	7.30	7.49	7.68	7.87	8.06	8.25	8.44	8.63	8.82	9.01	9.20
14	5.367	5.467	5.566	5.665	5.764	5.863	5.962	6.061	6.160	6.259	6.358	6.457	6.556	6.655	6.85	7.04	7.23	7.42	7.61	7.80	7.99	8.18	8.37	8.56	8.75	8.94	9.13
13	5.296	5.396	5.495	5.594	5.693	5.792	5.891	5.990	6.089	6.188	6.287	6.386	6.485	6.584	6.78	6.97	7.16	7.35	7.54	7.73	7.92	8.11	8.30	8.49	8.68	8.87	9.06
12	5.225	5.325	5.424	5.523	5.622	5.721	5.820	5.919	6.018	6.117	6.216	6.315	6.414	6.513	6.71	6.90	7.09	7.28	7.47	7.66	7.85	8.04	8.23	8.42	8.61	8.80	8.99
11	5.154	5.254	5.353	5.452	5.551	5.650	5.749	5.848	5.947	6.046	6.145	6.244	6.343	6.442	6.64	6.83	7.02	7.21	7.40	7.59	7.78	7.97	8.16	8.35	8.54	8.73	8.92
10	5.083	5.183	5.282	5.381	5.480	5.579	5.678	5.777	5.876	5.975	6.074	6.173	6.272	6.371	6.57	6.76	6.95	7.14	7.33	7.52	7.71	7.90	8.09	8.28	8.47	8.66	8.85
9	5.012	5.112	5.211	5.310	5.409	5.508	5.607	5.706	5.805	5.904	6.003	6.102	6.201	6.300	6.50	6.69	6.88	7.07	7.26	7.45	7.64	7.83	8.02	8.21	8.40	8.59	8.78
8	4.941	5.041	5.140	5.239	5.338	5.437	5.536	5.635	5.734	5.833	5.932	6.031	6.130	6.229	6.43	6.62	6.81	7.00	7.19	7.38	7.57	7.76	7.95	8.14	8.33	8.52	8.71
7	4.870	4.970	5.069	5.168	5.267	5.366	5.465	5.564	5.663	5.762	5.861	5.960	6.059	6.158	6.36	6.55	6.74	6.93	7.12	7.31	7.50	7.69	7.88	8.07	8.26	8.45	8.64
6	4.800	4.900	4.999	5.098	5.197	5.296	5.395	5.494	5.593	5.692	5.791	5.890	5.989	6.088	6.29	6.48	6.67	6.86	7.05	7.24	7.43	7.62	7.81	8.00	8.19	8.38	8.57
5	4.729	4.829	4.928	5.027	5.126	5.225	5.324	5.423	5.522	5.621	5.720	5.819	5.918	6.017	6.22	6.41	6.60	6.79	6.98	7.17	7.36	7.55	7.74	7.93	8.12	8.31	8.50
4	4.658	4.758	4.857	4.956	5.055	5.154	5.253	5.352	5.451	5.550	5.649	5.748	5.847	5.946	6.15	6.34	6.53	6.72	6.91	7.10	7.29	7.48	7.67	7.86	8.05	8.24	8.43
3	4.587	4.687	4.786	4.885	4.984	5.083	5.182	5.281	5.380	5.479	5.578	5.677	5.776	5.875	6.08	6.27	6.46	6.65	6.84	7.03	7.22	7.41	7.60	7.79	7.98	8.17	8.36
2	4.516	4.616	4.715	4.814	4.913	5.012	5.111	5.210	5.309	5.408	5.507	5.606	5.705	5.804	6.01	6.20	6.39	6.58	6.77	6.96	7.15	7.34	7.53	7.72	7.91	8.10	8.29
1	4.445	4.545	4.644	4.743	4.842	4.941	5.040	5.139	5.238	5.337	5.436	5.535	5.634	5.733	5.94	6.13	6.32	6.51	6.70	6.89	7.08	7.27	7.46	7.65	7.84	8.03	8.22

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE III—Thicknesses in Gauges from No. 12 to No. 1. Widths from 1½ Inches to 81 Inches

Thickness, P. W. G.	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	18
12	4.54	4.63	4.73	4.82	4.91	5.00	5.10	5.19	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	6.49	6.58	
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	7.04	7.14	7.24	
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	7.18	7.29	7.40	7.52	7.63	7.75	7.86	7.97	8.09	
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	8.06	8.18	8.30	8.43	8.55	8.68	8.81	8.93	
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	9.68	9.82	9.96	
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	10.56	10.71	10.86	
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	11.91	12.08	12.25	
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	12.90	13.09	13.28	
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	13.96	14.16	14.36	
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	15.19	15.41	15.63	
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	16.66	16.90	17.14	
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	17.60	17.85	18.11	
	18	18½	18¾	18¾	19	19¼	19½	19¾	20	20¼	20½	20¾	21	21¼	21½	21¾	22	22¼	22½	22¾	23	23¼	23½	23¾
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	8.52	8.62	8.71	
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	9.38	9.49	9.59	
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	10.48	10.59	10.71	
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	11.57	11.70	11.83	
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	12.90	13.04	13.18	
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	14.08	14.23	14.38	
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	15.87	16.05	16.22	
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	17.20	17.39	17.58	
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	18.61	18.81	19.02	
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	20.25	20.47	20.69	
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	22.21	22.45	22.69	
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	23.46	23.72	23.97	

ILLINOIS STEEL COMPANY

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

Thickness	WIDTH, INCHES																						
	23½	24	24¼	24½	24¾	25	25½	25¾	26	26¼	26½	26¾	27	27¼	27½	27¾	28	28¼	28½	28¾	29	29½	
12	8.80	8.89	8.99	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
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	16.39	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
	29½	29¾	30	30¼	30½	30¾	31	31¼	31½	31¾	32	32¼	32½	32¾	33	33¼	33½	33¾	34	34¼	34½	34¾	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

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE III—Continued

Thickness,
P. W. G.

WIDTH, INCHES

	46%	47	47 1/4	47 1/2	47%	48	48 1/4	48 1/2	48 3/4	49	49 1/4	49 1/2	49 3/4	50	50 1/4	50 1/2	50 3/4	51	51 1/4	51 1/2	51 3/4	52	52 1/4
12	17.33	17.42	17.51	17.60	17.70	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	19.99	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	29.99	30.14	30.29	30.45	30.60	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 1/4	52	51 3/4	51 3/2	51 3/4	51 3/4	51 3/4	51 1/2	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4	51 1/4
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	21.22	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	46.12	46.32	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

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE III—Continued

Thickness, B. W. G.	WIDTH, INCHES																						
	58½	58¾	59	59¼	59½	59¾	60	60¼	60½	60¾	61	61¼	61½	61¾	62	62¼	62½	62¾	63	63¼	63½	63¾	
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
11	23.77	23.87	23.97	24.07	24.17	24.28	24.38	24.48	24.58	24.68	24.79	24.89	24.99	25.09	25.19	25.30	25.40	25.50	25.60	25.70	25.81	25.91	26.01
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	28.25	28.36	28.48	28.59	28.70	28.82	28.93	29.04
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
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
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
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
5	43.57	43.76	43.95	44.13	44.32	44.51	44.69	44.88	45.07	45.25	45.44	45.63	45.82	46.00	46.19	46.38	46.56	46.75	46.94	47.12	47.31	47.50	47.69
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
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
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
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
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
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	27.95	28.05	28.15	28.25	28.36
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
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
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
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
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
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
4	51.79	51.99	52.19	52.40	52.60	52.80	53.00	53.20	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
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
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	66.39	66.63	66.87	67.11
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

ILLINOIS STEEL COMPANY

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

Thickness, In.	WIDTH, INCHES																							
	69%	70	70 1/4	70 1/2	70 3/4	71	71 1/4	71 1/2	71 3/4	72	72 1/4	72 1/2	72 3/4	73	73 1/4	73 1/2	73 3/4	74	74 1/4	74 1/2	74 3/4	75	75 1/4	
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	27.98
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	30.09	30.19	30.29	30.40	30.50	30.60	30.70	30.80
10	31.78	31.89	32.01	32.12	32.23	32.35	32.46	32.58	32.69	32.80	32.92	33.03	33.14	33.26	33.37	33.49	33.60	33.71	33.83	33.94	34.06	34.17	34.28	34.38
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	37.99
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	42.36
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	46.20
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	52.11
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	56.47
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	61.09
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	66.49
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	72.90
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	77.01
	75 1/2	75 1/4	76	76 1/4	76 1/2	76 3/4	77	77 1/4	77 1/2	77 3/4	78	78 1/4	78 1/2	78 3/4	79	79 1/4	79 1/2	79 3/4	80	80 1/4	80 1/2	80 3/4	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	

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot
 TABLE IV—Thicknesses from $\frac{1}{32}$ inch to $2\frac{1}{4}$ inches. Widths from $\frac{3}{8}$ inch to 160 inches

Thickness Inches	WIDTH, INCHES															
	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
$\frac{1}{32}$	.0432	.0465	.0498	.0564	.0598	.0631	.0664	.0697	.0730	.0764	.0797	.0830	.0863	.0896	.0930	.1029
$\frac{1}{16}$	.0737	.0863	.0930	.1129	.1195	.1262	.1328	.1395	.1461	.1527	.1594	.1660	.1727	.1793	.1859	.2059
$\frac{3}{32}$	.1195	.1295	.1494	.1693	.1793	.1893	.1992	.2092	.2191	.2291	.2391	.2490	.2590	.2689	.2789	.3088
$\frac{1}{8}$	.1594	.1727	.1859	.1992	.2125	.2258	.2391	.2523	.2656	.2789	.2922	.3055	.3188	.3321	.3453	.3852
$\frac{5}{32}$	.1992	.2158	.2324	.2490	.2656	.2822	.2988	.3154	.3320	.3486	.3652	.3818	.3984	.4150	.4482	.4980
$\frac{3}{16}$	.2391	.2590	.2789	.2988	.3188	.3387	.3586	.3785	.3984	.4184	.4383	.4582	.4781	.4980	.5179	.5777
$\frac{1}{4}$	.2789	.3021	.3254	.3486	.3719	.3951	.4184	.4416	.4648	.4881	.5113	.5346	.5578	.5811	.6043	.6702
$\frac{5}{16}$	.3188	.3453	.3719	.3984	.4250	.4516	.4781	.5047	.5313	.5578	.5844	.6109	.6375	.6641	.7172	.7969
$\frac{3}{8}$	.3994	.4316	.4648	.4980	.5313	.5645	.5977	.6309	.6641	.6973	.7305	.7637	.7969	.8301	.8633	.9629
$\frac{1}{2}$	.4781	.5180	.5578	.5977	.6375	.6773	.7172	.7570	.7969	.8367	.8766	.9164	.9563	.9961	1.0359	1.1357
$\frac{5}{8}$	.5578	.6043	.6508	.6973	.7438	.7902	.8367	.8832	.9297	.9762	1.0227	1.0691	1.1156	1.1621	1.2086	1.3490
1	.6375	.6906	.7438	.7969	.8500	.9031	.9563	1.0094	1.0625	1.1156	1.1688	1.2219	1.2750	1.3281	1.3813	1.5406
$1\frac{1}{8}$	.7172	.7770	.8367	.8965	.9563	1.0160	1.0758	1.1355	1.1953	1.2551	1.3148	1.3746	1.4344	1.4941	1.5539	1.7332
$1\frac{1}{4}$	.7969	.8633	.9297	.9961	1.0625	1.1289	1.1953	1.2617	1.3281	1.3945	1.4609	1.5273	1.5938	1.6602	1.7266	1.9258
$1\frac{3}{8}$	.8766	.9496	1.0227	1.0957	1.1688	1.2418	1.3148	1.3879	1.4609	1.5340	1.6070	1.6801	1.7531	1.8262	1.8992	2.0452
$1\frac{1}{2}$	.9563	1.0359	1.1156	1.1953	1.2750	1.3547	1.4344	1.5141	1.5938	1.6734	1.7531	1.8328	1.9125	1.9922	2.0719	2.2312
$1\frac{3}{4}$	1.0359	1.1223	1.2086	1.2949	1.3813	1.4676	1.5539	1.6402	1.7266	1.8129	1.8992	1.9855	2.0719	2.1582	2.2445	2.3309
2	1.1156	1.2086	1.3016	1.3945	1.4875	1.5805	1.6734	1.7664	1.8594	1.9523	2.0453	2.1382	2.2312	2.3242	2.4172	2.5102
$2\frac{1}{8}$	1.1953	1.2949	1.3945	1.4941	1.5938	1.6934	1.7930	1.8926	1.9922	2.0918	2.1914	2.2910	2.3906	2.4902	2.5898	2.6895
$2\frac{1}{4}$	1.2750	1.3813	1.4875	1.5938	1.7000	1.8063	1.9125	2.0188	2.1250	2.2313	2.3375	2.4438	2.5500	2.6563	2.7625	2.8688
$2\frac{3}{8}$	1.4344	1.5539	1.6734	1.7930	1.9125	2.0320	2.1516	2.2711	2.3906	2.5102	2.6297	2.7492	2.8688	2.9883	3.1078	3.2273
$2\frac{1}{2}$	1.5938	1.7266	1.8594	1.9922	2.1250	2.2578	2.3906	2.5234	2.6563	2.7891	2.9219	3.0547	3.1875	3.3203	3.4531	3.5859
$2\frac{3}{4}$	1.7531	1.8992	2.0453	2.1914	2.3375	2.4836	2.6297	2.7758	2.9219	3.0680	3.2141	3.3602	3.5063	3.6523	3.7984	3.9445
3	1.9125	2.0719	2.2312	2.3906	2.5500	2.7094	2.8688	3.0281	3.1875	3.3469	3.5063	3.6656	3.8250	3.9844	4.1438	4.3031
$3\frac{1}{8}$	2.0719	2.2445	2.4172	2.5898	2.7625	2.9352	3.1078	3.2805	3.4531	3.6258	3.7984	3.9711	4.1438	4.3164	4.4891	4.6617
$3\frac{1}{4}$	2.2312	2.4172	2.6031	2.7891	2.9750	3.1609	3.3469	3.5328	3.7188	3.9047	4.0906	4.2766	4.4625	4.6484	4.8344	5.0203
$3\frac{3}{8}$	2.3906	2.5898	2.7891	2.9883	3.1875	3.3867	3.5859	3.7852	3.9844	4.1836	4.3828	4.5820	4.7813	4.9805	5.1797	5.3789
4	2.5500	2.7625	2.9750	3.1875	3.4000	3.6125	3.8250	4.0375	4.2500	4.4625	4.6750	4.8875	5.1000	5.3125	5.5250	5.7375
$4\frac{1}{8}$	2.7094	2.9352	3.1609	3.3867	3.6125	3.8383	4.0641	4.2898	4.5156	4.7414	4.9672	5.1930	5.4188	5.6445	5.8703	6.0961
$4\frac{1}{4}$	2.8688	3.1078	3.3469	3.5859	3.8250	4.0641	4.3031	4.5422	4.7813	5.0203	5.2594	5.4984	5.7375	5.9766	6.2156	6.4547
$4\frac{3}{8}$																
$4\frac{1}{2}$																

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																						
	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 7/8	3	3 1/8	3 1/4	3 1/2							
1/16	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	2.324	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
3/16	3.468	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
1/4	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
5/16	5.811	5.977	6.143	6.309	6.475	6.641	6.807	6.97	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
3/8	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	1.036	1.076	1.116	1.155	1.195	1.235	1.275	1.315	1.35
7/16	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
1/2	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
5/8	1.1621	1.1953	1.2285	1.2617	1.2949	1.3281	1.3613	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
3/4	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
7/8	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
1	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
1 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
1 1/4	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
1 1/2	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
1 3/4	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
1 7/8	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
2	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
2 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
2 1/4	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
2 3/8	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
2 1/2	4.6484	4.7813	4.9141	5.0469	5.1797	5.3125	5.4453	5.578	5.712	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
2 5/8	5.1135	5.2594	5.4055	5.5516	5.6977	5.8438	5.9898	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
2 7/8	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	7.969	8.288	8.606	8.925	9.244	9.563	9.881	10.200	10.519
3	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
3 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	9.291	9.659	10.027	10.395	10.763	11.131	11.500	11.868	12.237
3 1/4	6.9727	7.1719	7.3717	7.5717	7.7719	7.9723	8.1728	8.373	8.574	8.776	8.978	9.181	9.383	9.585	9.961	10.339	10.718	11.097	11.475	11.853	12.232	12.610	12.988
3 1/2	7.4375	7.6500	7.8625	8.0750	8.2875	8.5000	8.7125	8.925	9.138	9.350	9.563	9.775	9.988	10.200	10.625	11.050	11.475	11.900	12.325	12.750	13.175	13.600	14.025
3 3/4	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	11.269	11.741	12.192	12.644	13.095	13.547	13.998	14.450	14.902
3 7/8	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

WEIGHTS OF FLAT ROLLED STEEL

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

Thick- ness Inches	WIDTH, INCHES																					
	2 1/8	2 1/4	2 1/2	2 3/4	2 7/8	2 15/16	2 1	2 1 1/16	2 1 1/8	2 1 1/4	2 1 1/2	2 1 3/4	2 1 7/8	2 1 15/16	2 2	2 2 1/16						
1/8	.226	.239	.246	.252	.259	.266	.272	.279	.286	.292	.299	.305	.312	.319	.325	.332	.339	.345	.352	.359	.365	.372
3/16	.452	.478	.491	.505	.518	.531	.545	.558	.571	.584	.598	.611	.624	.638	.651	.664	.677	.691	.704	.717	.730	.744
1/4	.677	.697	.717	.737	.757	.777	.797	.817	.837	.857	.877	.896	.916	.936	.956	.976	1.016	1.036	1.056	1.076	1.096	1.116
5/16	.903	.930	.956	.983	1.009	1.036	1.063	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
3/8	1.129	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	1.628	1.663	1.697	1.732	1.767	1.793	1.826
7/16	1.355	1.395	1.434	1.474	1.514	1.554	1.594	1.634	1.673	1.713	1.753	1.793	1.833	1.873	1.913	1.952	1.992	2.032	2.072	2.112	2.152	2.231
1/2	1.580	1.627	1.673	1.720	1.766	1.813	1.859	1.906	1.952	2.000	2.045	2.092	2.138	2.185	2.231	2.278	2.324	2.371	2.417	2.464	2.510	2.557
5/8	1.806	1.859	1.913	1.966	2.019	2.072	2.125	2.178	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
3/4	2.028	2.094	2.161	2.227	2.293	2.359	2.425	2.491	2.557	2.623	2.689	2.755	2.821	2.887	2.953	3.019	3.085	3.151	3.217	3.283	3.349	3.415
7/8	2.249	2.327	2.405	2.483	2.561	2.639	2.717	2.795	2.873	2.951	3.029	3.107	3.185	3.263	3.341	3.419	3.497	3.575	3.653	3.731	3.809	3.887
1	2.464	2.554	2.644	2.734	2.824	2.914	3.004	3.094	3.184	3.274	3.364	3.454	3.544	3.634	3.724	3.814	3.904	3.994	4.084	4.174	4.264	4.354
1 1/8	2.674	2.774	2.874	2.974	3.074	3.174	3.274	3.374	3.474	3.574	3.674	3.774	3.874	3.974	4.074	4.174	4.274	4.374	4.474	4.574	4.674	4.774
1 1/4	2.874	2.984	3.094	3.204	3.314	3.424	3.534	3.644	3.754	3.864	3.974	4.084	4.194	4.304	4.414	4.524	4.634	4.744	4.854	4.964	5.074	5.184
1 1/2	3.074	3.194	3.314	3.434	3.554	3.674	3.794	3.914	4.034	4.154	4.274	4.394	4.514	4.634	4.754	4.874	4.994	5.114	5.234	5.354	5.474	5.594
1 3/4	3.274	3.404	3.534	3.664	3.794	3.924	4.054	4.184	4.314	4.444	4.574	4.704	4.834	4.964	5.094	5.224	5.354	5.484	5.614	5.744	5.874	6.004
1 7/8	3.474	3.614	3.754	3.894	4.034	4.174	4.314	4.454	4.594	4.734	4.874	5.014	5.154	5.294	5.434	5.574	5.714	5.854	5.994	6.134	6.274	6.414
2	3.674	3.824	3.974	4.124	4.274	4.424	4.574	4.724	4.874	5.024	5.174	5.324	5.474	5.624	5.774	5.924	6.074	6.224	6.374	6.524	6.674	6.824
2 1/8	3.874	4.034	4.194	4.354	4.514	4.674	4.834	4.994	5.154	5.314	5.474	5.634	5.794	5.954	6.114	6.274	6.434	6.594	6.754	6.914	7.074	7.234
2 1/4	4.074	4.244	4.414	4.584	4.754	4.924	5.094	5.264	5.434	5.604	5.774	5.944	6.114	6.284	6.454	6.624	6.794	6.964	7.134	7.304	7.474	7.644
2 1/2	4.274	4.454	4.634	4.814	4.994	5.174	5.354	5.534	5.714	5.894	6.074	6.254	6.434	6.614	6.794	6.974	7.154	7.334	7.514	7.694	7.874	8.054
2 3/4	4.474	4.664	4.854	5.044	5.234	5.424	5.614	5.804	5.994	6.184	6.374	6.564	6.754	6.944	7.134	7.324	7.514	7.704	7.894	8.084	8.274	8.464
2 7/8	4.674	4.874	5.074	5.274	5.474	5.674	5.874	6.074	6.274	6.474	6.674	6.874	7.074	7.274	7.474	7.674	7.874	8.074	8.274	8.474	8.674	8.874
3	4.874	5.084	5.294	5.504	5.714	5.924	6.134	6.344	6.554	6.764	6.974	7.184	7.394	7.604	7.814	8.024	8.234	8.444	8.654	8.864	9.074	9.284
3 1/8	5.074	5.294	5.514	5.734	5.954	6.174	6.394	6.614	6.834	7.054	7.274	7.494	7.714	7.934	8.154	8.374	8.594	8.814	9.034	9.254	9.474	9.694
3 1/4	5.274	5.504	5.734	5.964	6.194	6.424	6.654	6.884	7.114	7.344	7.574	7.804	8.034	8.264	8.494	8.724	8.954	9.184	9.414	9.644	9.874	10.104
3 1/2	5.474	5.714	5.954	6.194	6.434	6.674	6.914	7.154	7.394	7.634	7.874	8.114	8.354	8.594	8.834	9.074	9.314	9.554	9.794	10.034	10.274	10.514
3 3/4	5.674	5.924	6.174	6.424	6.674	6.924	7.174	7.424	7.674	7.924	8.174	8.424	8.674	8.924	9.174	9.424	9.674	9.924	10.174	10.424	10.674	10.924
3 7/8	5.874	6.134	6.394	6.654	6.914	7.174	7.434	7.694	7.954	8.214	8.474	8.734	8.994	9.254	9.514	9.774	10.034	10.294	10.554	10.814	11.074	11.334
4	6.074	6.344	6.614	6.884	7.154	7.424	7.694	7.964	8.234	8.504	8.774	9.044	9.314	9.584	9.854	10.124	10.394	10.664	10.934	11.204	11.474	11.744
4 1/8	6.274	6.554	6.834	7.114	7.394	7.674	7.954	8.234	8.514	8.794	9.074	9.354	9.634	9.914	10.194	10.474	10.754	11.034	11.314	11.594	11.874	12.154
4 1/4	6.474	6.764	7.054	7.344	7.634	7.924	8.214	8.504	8.794	9.084	9.374	9.664	9.954	10.244	10.534	10.824	11.114	11.404	11.694	11.984	12.274	12.564
4 1/2	6.674	6.974	7.274	7.574	7.874	8.174	8.474	8.774	9.074	9.374	9.674	9.974	10.274	10.574	10.874	11.174	11.474	11.774	12.074	12.374	12.674	12.974
4 3/4	6.874	7.184	7.494	7.804	8.114	8.424	8.734	9.044	9.354	9.664	9.974	10.284	10.594	10.904	11.214	11.524	11.834	12.144	12.454	12.764	13.074	13.384
4 7/8	7.074	7.394	7.714	8.034	8.354	8.674	8.994	9.314	9.634	9.954	10.274	10.594	10.914	11.234	11.554	11.874	12.194	12.514	12.834	13.154	13.474	13.794
5	7.274	7.604	7.934	8.264	8.594	8.924	9.254	9.584	9.914	10.244	10.574	10.904	11.234	11.564	11.894	12.224	12.554	12.884	13.214	13.544	13.874	14.204
5 1/8	7.474	7.814	8.154	8.494	8.834	9.174	9.514	9.854	10.194	10.534	10.874	11.214	11.554	11.894	12.234	12.574	12.914	13.254	13.594	13.934	14.274	14.614
5 1/4	7.674	8.024	8.374	8.724	9.074	9.424	9.774	10.124	10.474	10.824	11.174	11.524	11.874	12.224	12.574	12.924	13.274	13.624	13.974	14.324	14.674	15.024
5 1/2	7.874	8.234	8.594	8.954	9.314	9.674	10.034	10.394	10.754	11.114	11.474	11.834	12.194	12.554	12.914	13.274	13.634	13.994	14.354	14.714	15.074	15.434
5 3/4	8.074	8.444	8.814	9.184	9.554	9.924	10.294	10.664	11.034	11.404	11.774	12.144	12.514	12.884	13.254	13.624	13.994	14.364	14.734	15.104	15.474	15.844
5 7/8	8.274	8.654	9.034	9.414	9.794	10.174	10.554	10.934	11.314	11.694	12.074	12.454	12.834	13.214	13.594	13.974	14.354	14.734	15.114	15.494	15.874	16.254
6	8.474	8.864	9.254	9.644	10.034	10.424	10.814	11.204	11.594	11.984	12.374	12.764	13.154	13.544	13.934	14.324	14.714	15.104	15.494	15.884	16.274	16.664
6 1/8	8.674	9.074	9.474	9.874	10.274	10.674	11.074	11.474	11.874	12.274	12.674	13.074	13.474	13.874	14.274	14.674	15.074	15.474	15.874	16.274	16.674	17.074
6 1/4	8.874	9.284	9.694	10.104	10.514	10.924	11.334	11.744	12.154	12.564	12.974	13.384	13.794	14.204	14.614	15.024	15.434	15.844	16.254	16.664	17.074	17.484
6 1/2	9.074	9.494	9.914	10.334	10.754	11.174	11.594	12.014	12.434	12.854	13.274	13.694	14.114	14.534	14.954	15.374	15.794	16.214	16.634	17.054	17.474	17.894
6 3/4	9.274	9.704	10.134	10.564	10.994	11.424	11.854	12.284	12.714	13.144	13.574	14.004	14.434	14.864	15.294	15.724	16.154	16.584	17.014	17.444	17.874	18.304
6 7/8	9.474	9.914	10.354	10.794	11.234	11.674	12.114	12.554	12.994	13.434	13.874	14.314	14.754	15.194	15.634	16.074	16.514	16.954	17.394	17.834	18.274	18.714
7	9.674	10.124	10.574	11.024	11.474	11.924	12.374	12.824	13.274	13.724	14.174	14.624	15.074	15.524	15.974	16.424	16.874	17.324	17.774	18.224	18.674	19.124
7 1/8	9.874	10.334	10.794	11.254	11.714	12.174	12.634	13.094	13.554	14.014	14.474	14.934	15.394	15.854	16.314	16.774	17.234	17.694	18.154	18.614	19.074	19.534
7 1/4	10.074	10.544	11.014	11.484	11.954	12.424	12.894	13.364	13.834	14.304	14.774	15.244	15.714	16.184	16.654	17.124	17.594	18.064	18.534	19.004	19.474	19.944
7 1/2	10.274	10.754	11.234	11.714	12.194	12.674	13.154	13.634	14.114	14.594	15.074	15.554	16.034	16.514	16.994	17.474	17.954	18.434	18.914	19.394	19.874	20.354
7 3/4	10.474	10.9																				

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																						
	5¼	5½	5¾	6	6¼	6½	6¾	7	7¼	7½	7¾	8	8¼	8½	8¾	9							
⅜	.558	.571	.584	.598	.611	.624	.638	.651	.664	.677	.691	.704	.717	.730	.744	.757	.770	.784	.797	.810	.823	.837	.850
⅝	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
¾	1.673	1.713	1.753	1.793	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	2.391	2.430	2.470	2.510	2.550
⅞	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	2.787	2.852	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
1¼	3.347	3.427	3.506	3.586	3.666	3.745	3.825	3.905	3.984	4.064	4.144	4.223	4.303	4.383	4.463	4.542	4.622	4.702	4.781	4.861	4.941	5.020	5.100
1½	3.905	3.998	4.091	4.184	4.277	4.370	4.463	4.555	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
1¾	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	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
2¼	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	8.765	8.925	9.084	9.244	9.403	9.563	9.722	9.881	10.041	10.200
2½	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
2¾	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	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
3¼	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
3½	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
3¾	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	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
4¼	15.619	15.991	16.363	16.734	17.106	17.478	17.850	18.222	18.594	18.966	19.338	19.710	20.081	20.453	20.825	21.197	21.569	21.941	22.313	22.684	23.056	23.428	23.800
4½	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
4¾	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	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
5¼	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
5½	24.544	25.128	25.713	26.297	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
5¾	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	29.006	29.697	30.388	31.079	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
6¼	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
6½	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
6¾	35.700	36.500	37.300	38.100	38.900	39.700	40.500	41.300	42.100	42.900	43.700	44.500	45.300	46.100	46.900	47.700	48.500	49.300	50.100	50.900	51.700	52.500	53.300
7	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
7¼	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

ILLINOIS STEEL COMPANY

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

Thick- ness, Inches	WIDTH, INCHES																		
	8 1/4	8 1/2	8 3/4	9	9 1/4	9 1/2	9 3/4	9 3/8	9 7/8	10	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2	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	1.116
1/4	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	2.100	2.125	2.152	2.178	2.231
3/8	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	3.148	3.188	3.228	3.267	3.347
1/2	3.453	3.506	3.559	3.613	3.666	3.719	3.772	3.825	3.878	3.931	3.984	4.037	4.091	4.144	4.200	4.256	4.312	4.368	4.463
5/8	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	5.247	5.313	5.380	5.446	5.578
3/4	5.180	5.259	5.338	5.419	5.498	5.578	5.658	5.738	5.817	5.897	5.977	6.056	6.136	6.216	6.295	6.375	6.454	6.533	6.694
7/8	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	7.345	7.437	7.529	7.621	7.809
1	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	8.500	8.606	8.713	8.925
1 1/8	8.633	8.766	8.908	9.031	9.164	9.297	9.430	9.563	9.695	9.828	9.961	10.094	10.227	10.359	10.492	10.625	10.758	10.891	11.156
1 1/4	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	12.590	12.750	12.909	13.068	13.388
1 1/2	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	14.689	14.875	15.061	15.247	15.619
1 3/4	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	16.788	17.000	17.212	17.425	17.850
1 7/8	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	18.886	19.125	19.364	19.603	20.081
2	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	20.984	21.250	21.515	21.781	22.313
2 1/4	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	23.083	23.375	23.667	23.959	24.544
2 1/2	20.719	21.038	21.356	21.675	21.994	22.313	22.631	22.950	23.269	23.588	23.906	24.225	24.544	24.863	25.182	25.500	25.819	26.138	26.775
2 3/4	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	27.279	27.625	27.970	28.316	29.006
3	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	29.378	29.750	30.122	30.494	31.288
3 1/4	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	31.477	31.875	32.273	32.672	33.469
3 1/2	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	33.575	34.000	34.425	34.850	35.700
3 3/4	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	37.772	38.250	38.728	39.206	39.890
4	34.531	35.063	35.594	36.125	36.656	37.187	37.719	38.250	38.781	39.313	39.844	40.375	40.906	41.438	41.969	42.500	43.031	43.562	44.325
4 1/4	37.984	38.569	39.153	39.738	40.322	40.906	41.491	42.075	42.659	43.243	43.828	44.413	44.997	45.581	46.165	46.750	47.334	47.918	48.700
4 1/2	41.438	42.075	42.713	43.350	43.988	44.625	45.263	45.900	46.538	47.175	47.812	48.450	49.088	49.725	50.363	50.999	51.636	52.273	53.150
4 3/4	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	54.559	55.250	55.941	56.631	57.550
5	48.344	49.088	49.831	50.575	51.319	52.063	52.806	53.549	54.292	55.036	55.779	56.522	57.265	58.008	58.751	59.494	60.237	60.980	61.950
5 1/4	51.797	52.594	53.391	54.188	54.985	55.781	56.578	57.375	58.172	58.969	59.766	60.563	61.359	62.156	62.953	63.750	64.547	65.344	66.388
5 1/2	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	67.150	68.000	68.850	69.700	70.650
5 3/4	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	71.347	72.250	73.153	74.056	75.000
6	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	75.544	76.500	77.456	78.412	79.400

WEIGHTS OF FLAT ROLLED STEEL

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

Thickness Inches	WIDTH, INCHES																						
	12½	12½	12½	13	13¼	13½	13¾	14	14¼	14½	14¾	15	15¼	15½	15¾	16	16¼	16½	16¾	17	17¼	17½	17¾
1/8	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
3/16	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	9.04	9.16	9.30	9.43
1/4	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
5/16	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
3/8	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
7/16	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
1/2	15.62	15.94	16.26	16.58	16.89	17.21	17.53	17.85	18.17	18.49	18.81	19.13	19.45	19.76	20.08	20.40	20.72	21.04	21.36	21.68	21.99	22.31	22.63
5/8	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
3/4	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
7/8	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
1	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
1 1/8	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
1 1/4	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
1 1/2	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
1 3/4	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
1 7/8	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
2	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
2 1/8	46.86	47.81	48.77	49.73	50.68	51.64	52.59	53.55	54.51	55.46	56.42	57.38	58.34	59.29	60.24	61.20	62.16	63.11	64.07	65.03	65.98	66.94	67.89
2 1/4	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
2 3/8	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
2 1/2	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
2 3/4	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
2 7/8	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
3	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	105.19	106.78	108.38	109.97	111.56	113.16
3 1/8	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
3 1/4	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
3 1/2	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

ILLINOIS STEEL COMPANY

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

Thickness Inches	WIDTH, INCHES																						
	18	18 1/4	18 1/2	19	19 1/4	19 1/2	19 3/4	20	20 1/4	20 1/2	20 3/4	21	21 1/4	21 1/2	21 3/4	22	22 1/4	22 1/2	22 3/4	23	23 1/4	23 1/2	
1/8	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
1/4	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
3/8	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
1/2	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
5/8	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
3/4	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
7/8	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	26.78	27.15	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 1/8	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 1/4	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 1/2	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 3/4	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 7/8	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
2	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 1/4	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 1/2	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 3/4	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
3	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
3 1/4	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
3 1/2	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
3 3/4	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
4	99.45	100.83	102.21	103.59	104.96	106.34	107.74	109.12	110.50	111.88	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
4 1/4	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
4 1/2	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	138.66	140.25	141.84	143.44	145.03	146.63	148.22	149.81
5	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
5 1/4	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	167.99	169.79
5 1/2	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

WEIGHTS OF FLAT ROLLED STEEL

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"	25	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"		
1/8	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
3/16	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	14.61	14.74	14.88	15.01	15.14	15.27	15.41	15.54
1/4	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	17.85	18.01	18.17	18.33	18.49	18.65
5/16	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
3/8	20.19	20.40	20.61	20.83	21.04	21.25	21.46	21.68	21.89	22.11	22.31	22.53	22.74	22.95	23.16	23.38	23.59	23.80	24.01	24.24	24.44	24.65	24.86
7/16	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
1/2	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
5/8	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
3/4	40.38	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
7/8	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
1	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
1 1/8	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
1 1/4	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	73.31	73.95	74.59
1 3/8	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
1 1/2	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	82.55	83.30	84.04	84.79	85.53	86.28	87.02
1 3/4	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
2	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
2 1/8	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
2 1/4	100.94	102.00	103.06	104.13	105.19	106.25	107.31	108.38	109.44	110.50	111.56	112.63	113.69	114.75	115.81	116.88	117.94	119.00	120.06	121.13	122.19	123.25	124.31
2 3/8	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
2 1/2	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
2 3/4	131.22	132.60	133.98	135.36	136.74	138.13	139.51	140.89	142.27	143.65	145.03	146.41	147.79	149.18	150.56	151.94	153.32	154.70	156.08	157.46	158.84	160.23	161.61
3	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
3 1/8	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
3 1/4	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
3 1/2	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
3 3/4	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	206.56	208.46	210.38	212.29	214.20	216.11	218.03	219.94	221.85	223.76

ILLINOIS STEEL COMPANY

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

Thick- Inches	WIDTH, INCHES																						
	29½	29¼	29	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
1/4	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
3/8	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
1/2	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
5/8	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
3/4	31.34	31.61	31.88	32.14	32.41	32.67	32.94	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
7/8	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	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 1/8	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 1/4	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 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 3/4	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
1 7/8	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
2	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
2 1/8	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
2 1/4	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
2 3/8	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
2 1/2	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
2 3/4	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
2 7/8	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
3	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
3 1/8	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	182.33	183.71	185.09	186.47	187.85	189.23	190.61	191.99	193.38
3 1/4	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	206.76	208.25
3 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
3 3/4	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
3 7/8	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	240.24	242.04	243.84	245.65	247.46	249.26	251.07	252.88
4	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

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness Inches	WIDTH, INCHES																							
	35½	35½	35¾	36	36¼	36½	36¾	37	37¼	37½	37¾	38	38¼	38½	38¾	39	39¼	39½	39¾	40	40¼	40½	40¾	
1/16	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	17.31	17.41
1/8	18.73	18.86	18.99	19.13	19.26	19.39	19.52	19.66	19.79	19.92	20.05	20.19	20.32	20.45	20.59	20.72	20.85	20.98	21.12	21.25	21.38	21.52	21.65	21.78
3/16	22.47	22.63	22.79	22.95	23.11	23.27	23.43	23.59	23.75	23.91	24.07	24.23	24.38	24.54	24.70	24.86	25.02	25.18	25.34	25.50	25.66	25.82	25.98	26.14
1/4	26.22	26.40	26.59	26.78	26.96	27.15	27.33	27.52	27.70	27.89	28.08	28.26	28.45	28.63	28.82	29.01	29.19	29.38	29.56	29.75	29.94	30.12	30.31	30.50
5/16	29.96	30.18	30.39	30.60	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	35.06
3/8	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
7/16	44.94	45.26	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
1/2	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
5/8	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
3/4	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
7/8	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	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 1/16	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
1 1/8	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
1 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
1 3/8	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
1 1/2	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
1 5/8	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
1 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
1 7/8	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
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
2 1/8	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
2 1/4	209.74	211.23	212.71	214.20	215.69	217.18	218.66	220.15	221.64	223.13	224.61	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
2 3/8	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
2 1/2	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
2 3/4	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	283.59	285.39	287.19	289.00	290.81	292.61	294.42	296.23
2 7/8	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	302.18	304.09	306.00	307.91	309.83	311.74	313.65

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- Inches	WIDTH, INCHES																						
	41	41½	41¾	42	42¼	42½	42¾	43	43¼	43½	43¾	44	44¼	44½	44¾	45	45¼	45½	45¾	46	46¼	46½	
1/8	17.43	17.53	17.64	17.74	17.85	17.96	18.06	18.17	18.28	18.38	18.49	18.59	18.70	18.81	18.91	19.02	19.13	19.23	19.34	19.44	19.55	19.66	19.76
3/8	21.78	21.91	22.05	22.18	22.31	22.45	22.58	22.71	22.84	22.98	23.11	23.24	23.38	23.51	23.64	23.77	23.91	24.04	24.17	24.30	24.43	24.57	24.70
1/2	26.14	26.30	26.46	26.62	26.93	27.09	27.25	27.41	27.57	27.73	27.89	28.05	28.21	28.37	28.53	28.69	28.85	29.01	29.17	29.33	29.48	29.64	29.84
3/4	30.49	30.68	30.87	31.05	31.24	31.42	31.61	31.80	32.17	32.35	32.54	32.73	32.91	33.10	33.28	33.47	33.65	33.84	34.03	34.21	34.40	34.58	34.85
1	34.85	35.06	35.28	35.49	35.70	35.91	36.13	36.34	36.55	36.76	36.98	37.19	37.40	37.61	37.83	38.04	38.25	38.46	38.68	38.89	39.10	39.31	39.53
1 1/8	43.56	43.83	44.09	44.36	44.63	44.89	45.16	45.42	45.69	45.95	46.22	46.48	46.75	47.02	47.28	47.55	47.81	48.08	48.34	48.61	48.88	49.14	49.41
1 1/4	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	58.97	59.29
1 1/2	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	68.80	69.17
1 3/4	69.70	70.13	70.55	70.98	71.40	71.83	72.25	72.68	73.10	73.52	73.95	74.38	74.80	75.23	75.65	76.08	76.50	76.93	77.35	77.78	78.20	78.63	79.05
2	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	88.45	88.93
2 1/8	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	98.28	98.81
2 1/4	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	108.11	108.69
2 3/4	104.55	105.19	105.83	106.46	107.10	107.74	108.38	109.01	109.65	110.29	110.93	111.56	112.20	112.84	113.48	114.11	114.75	115.39	116.03	116.66	117.30	117.94	118.58
3	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	127.08	127.77	128.46
3 1/8	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	137.59	138.34
3 1/4	130.69	131.48	132.28	133.08	133.88	134.67	135.47	136.27	137.06	137.86	138.66	139.45	140.25	141.05	141.84	142.64	143.44	144.23	145.03	145.83	146.63	147.42	148.22
3 1/2	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	156.40	157.25	158.10
3 3/4	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	175.00	175.95	176.91	177.86
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	196.56	197.63
4 1/8	191.68	192.84	194.01	195.18	196.35	197.52	198.69	199.86	201.03	202.19	203.36	204.53	205.70	206.87	208.04	209.21	210.38	211.54	212.71	213.88	215.05	216.22	217.39
4 1/4	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	235.88	237.15
4 1/2	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	255.53	256.91
4 3/4	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	266.27	267.75	269.24	270.73	272.21	273.70	275.19	276.68
5	261.38	262.97	264.55	266.16	267.75	269.34	270.94	272.53	274.13	275.72	277.31	278.91	280.50	282.09	283.68	285.28	286.88	288.47	290.06	291.66	293.25	294.84	296.44
5 1/8	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	314.50	316.20
5 1/4	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	334.16	335.96
5 1/2	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	340.42	342.34	344.25	346.16	348.08	349.99	351.90	353.81	355.73

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	46 3/4	47	47 1/4	47 1/2	47 3/4	48	48 1/4	48 1/2	48 3/4	49	49 1/4	49 1/2	49 3/4	50	50 1/4	50 1/2	50 3/4	51	51 1/4	51 1/2	51 3/4	52	52 1/4	
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	33.46
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	44.61
7/16	49.67	49.94	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	82.45	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	93.24	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 1/8	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	108.38	108.91	109.44	109.97	110.50	111.03	111.56
1 1/4	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	122.71
1 3/8	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	131.97	132.60	133.24	133.87
1 1/2	129.15	129.84	130.53	131.21	131.91	132.60	133.29	133.98	134.67	135.36	136.05	136.74	137.43	138.13	138.82	139.51	140.20	140.89	141.58	142.27	142.96	143.65	144.34	145.03
1 5/8	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	153.96	154.70	155.44	156.18
1 7/8	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
2	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 1/8	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 1/4	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 3/8	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 1/2	238.43	239.70	240.98	242.25	243.53	244.80	246.08	247.35	248.63	249.90	251.18	252.45	253.73	255.00	256.28	257.55	258.83	260.10	261.38	262.65	263.93	265.20	266.48	267.75
2 3/4	258.29	259.68	261.06	262.44	263.82	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	285.92	287.30	288.68	290.06
2 7/8	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
3	298.03	299.63	301.22	302.81	304.41	306.00	307.59	309.18	310.77	312.36	313.95	315.54	317.13	318.72	320.31	321.90	323.49	325.08	326.67	328.26	329.85	331.44	333.03	334.62
3 1/8	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 1/4	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 3/8	357.64	359.55	361.46	363.38	365.29	367.20	369.11	371.03	372.94	374.85	376.76	378.68	380.59	382.50	384.41	386.33	388.24	390.15	392.06	393.98	395.89	397.80	399.71	401.62

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

WIDTH, INCHES

Thickness
Inches

	52 1/2"	52"	53 1/4"	53 1/2"	53 3/4"	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"	
1/8"	22.31	22.42	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	24.76
3/16"	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	30.01	30.15	30.28	30.41	30.55	30.68	30.81
1/4"	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
5/16"	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
3/8"	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	47.60	47.81	48.03	48.24	48.45	48.66	48.88	49.09	49.30
7/16"	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
1/2"	66.94	67.26	67.58	67.89	68.21	68.53	68.85	69.17	69.49	69.81	70.14	70.46	70.78	71.10	71.42	71.74	72.06	72.38	72.69	73.01	73.33	73.65	73.97
5/8"	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
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
7/8"	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
1 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
1 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	131.49	132.07	132.65	133.24	133.82	134.41	134.99	135.58
1 3/8"	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
1 1/2"	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
1 5/8"	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
1 3/4"	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
1 7/8"	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
2"	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	215.15	216.11	217.07	218.03	218.98	219.94	220.89	221.85
2 1/8"	215.13	216.19	217.25	218.31	219.37	220.43	221.49	222.55	223.61	224.67	225.73	226.79	227.85	228.91	229.97	231.03	232.09	233.15	234.21	235.27	236.33	237.39	238.45
2 1/4"	245.44	246.61	247.78	248.94	250.11	251.28	252.45	253.62	254.79	255.96	257.13	258.30	259.47	260.64	261.81	262.98	264.15	265.31	266.48	267.64	268.81	269.98	271.15
2 3/8"	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	295.80
2 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
2 5/8"	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
3"	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	368.15	369.75
3 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
3 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
3 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

WEIGHTS OF FLAT ROLLED STEEL

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

Thick- ness Inches	WIDTH, INCHES																							
	58 1/8	58 1/2	58 3/4	59	59 1/8	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	
1/8	24.76	24.86	24.97	25.08	25.18	25.29	25.39	25.50	25.61	25.71	25.82	25.93	26.04	26.14	26.24	26.35	26.46	26.56	26.67	26.78	26.88	26.99	27.09	27.19
3/16	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	32.94	33.07	33.20	33.34	33.47	33.60	33.73	33.87	33.97
1/4	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	40.79
5/16	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	47.59
3/8	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	54.39
7/16	61.89	62.16	62.42	62.69	62.95	63.22	63.48	63.75	64.02	64.28	64.54	64.81	65.08	65.34	65.61	65.88	66.14	66.41	66.67	66.94	67.20	67.47	67.73	67.99
1/2	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	81.59
5/8	86.65	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	95.20
3/4	99.03	99.45	99.88	100.30	100.73	101.15	101.58	102.01	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	107.96	108.38	108.80
7/8	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	119.05	119.53	120.01	120.49	120.97	121.44	121.92	122.39
1 1/8	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	135.99
1 1/4	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	149.60
1 3/8	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	163.19
1 1/2	160.92	161.61	162.30	163.00	163.69	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	176.80
1 5/8	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	190.40
1 7/8	185.67	186.47	187.27	188.06	188.86	189.66	190.45	191.25	192.05	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	203.20	204.00
2	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	217.60
2 1/8	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	244.79
2 1/4	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	271.99
2 3/8	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	299.19
2 1/2	297.08	298.35	299.63	300.90	302.18	303.45	304.73	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	326.40
2 5/8	321.83	323.21	324.59	325.98	327.37	328.76	330.15	331.54	332.93	334.32	335.71	337.10	338.49	339.88	341.27	342.65	344.04	345.43	346.82	348.21	349.60	351.00	352.39	353.78
3	346.59	348.08	349.56	351.05	352.54	354.03	355.51	357.00	358.49	359.98	361.47	362.96	364.44	365.93	367.42	368.90	370.39	371.88	373.36	374.85	376.34	377.83	379.31	380.80
3 1/8	371.34	372.94	374.53	376.13	377.73	379.31	380.91	382.50	384.09	385.69	387.28	388.88	390.47	392.06	393.65	395.25	396.84	398.44	400.03	401.63	403.22	404.81	406.41	408.00
3 1/4	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	435.20
2 1/2	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	462.39
2 3/4	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	489.60

ILLINOIS STEEL COMPANY

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

Thick- ness, 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		
1/8	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
1/8	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
1/8	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
1/8	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
1/4	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
3/8	68.00	68.27	68.53	68.80	69.06	69.33	69.59	69.86	70.13	70.39	70.66	70.92	71.19	71.45	71.72	72.00	72.25	72.52	72.78	73.05	73.31	73.58	73.84	74.11	74.37
3/8	81.60	81.92	82.24	82.56	82.88	83.19	83.51	83.83	84.15	84.47	84.79	85.11	85.43	85.74	86.06	86.38	86.70	87.02	87.34	87.66	87.98	88.29	88.61	88.93	89.25
1/2	95.20	95.57	95.94	96.32	96.69	97.06	97.43	97.80	98.18	98.55	98.92	99.29	99.66	100.03	100.41	100.78	101.15	101.52	101.89	102.27	102.64	103.01	103.38	103.75	104.12
3/4	108.80	109.23	109.65	110.08	110.50	110.93	111.35	111.78	112.20	112.63	113.05	113.48	113.90	114.33	114.75	115.18	115.60	116.03	116.45	116.88	117.30	117.73	118.15	118.58	119.00
3/4	122.40	122.88	123.36	123.83	124.31	124.79	125.27	125.75	126.23	126.70	127.18	127.66	128.14	128.62	129.09	129.57	130.05	130.53	131.01	131.48	131.96	132.44	132.92	133.40	133.88
3/4	136.00	136.53	137.06	137.59	138.11	138.66	139.19	139.72	140.25	140.78	141.31	141.84	142.38	142.91	143.44	143.97	144.50	145.03	145.56	146.09	146.62	147.15	147.68	148.21	148.74
3/4	149.60	150.18	150.77	151.35	151.94	152.52	153.11	153.69	154.28	154.86	155.45	156.03	156.61	157.20	157.78	158.37	158.95	159.53	160.12	160.70	161.29	161.87	162.46	163.04	163.63
3/4	163.20	163.84	164.48	165.11	165.75	166.39	167.03	167.66	168.30	168.94	169.58	170.21	170.85	171.49	172.13	172.76	173.40	174.04	174.68	175.31	175.95	176.59	177.23	177.87	178.50
3/4	176.80	177.49	178.18	178.87	179.56	180.25	180.94	181.63	182.33	183.02	183.71	184.40	185.09	185.78	186.47	187.16	187.85	188.54	189.23	189.92	190.61	191.30	191.99	192.68	193.37
3/4	190.40	191.14	191.89	192.63	193.38	194.12	194.86	195.61	196.35	197.09	197.84	198.58	199.33	200.07	200.81	201.56	202.30	203.04	203.79	204.53	205.28	206.02	206.76	207.50	208.24
3/4	204.00	204.80	205.59	206.39	207.19	207.98	208.78	209.58	210.38	211.17	211.97	212.77	213.56	214.36	215.15	215.95	216.75	217.55	218.34	219.14	219.94	220.73	221.53	222.32	223.12
1	217.60	218.45	219.30	220.15	221.00	221.85	222.70	223.55	224.40	225.25	226.10	226.95	227.80	228.65	229.50	230.35	231.20	232.05	232.90	233.75	234.60	235.45	236.30	237.15	238.00
1	244.80	245.76	246.71	247.67	248.63	249.58	250.54	251.49	252.45	253.41	254.36	255.32	256.28	257.23	258.19	259.14	260.10	261.06	262.01	262.97	263.93	264.88	265.84	266.79	267.75
1	272.00	273.06	274.13	275.19	276.25	277.31	278.38	279.44	280.50	281.56	282.63	283.69	284.75	285.81	286.88	287.94	289.00	290.06	291.13	292.19	293.25	294.31	295.38	296.44	297.50
1	299.20	300.37	301.54	302.71	303.88	305.04	306.21	307.38	308.55	309.72	310.89	312.06	313.23	314.39	315.56	316.73	317.90	319.07	320.24	321.41	322.58	323.74	324.91	326.08	327.25
1 1/8	326.40	327.68	328.95	330.23	331.50	332.78	334.05	335.33	336.60	337.88	339.15	340.43	341.70	342.98	344.25	345.53	346.80	348.08	349.35	350.63	351.90	353.18	354.45	355.73	357.00
1 1/8	353.60	354.98	356.36	357.74	359.13	360.51	361.89	363.27	364.65	366.03	367.41	368.79	370.17	371.56	372.94	374.32	375.70	377.08	378.46	379.84	381.23	382.61	383.99	385.38	386.76
1 1/8	380.80	382.29	383.78	385.26	386.75	388.24	389.73	391.21	392.70	394.19	395.68	397.17	398.66	400.14	401.63	403.12	404.60	406.09	407.58	409.06	410.55	412.04	413.53	415.02	416.51
1 1/8	408.00	409.59	411.19	412.78	414.38	415.97	417.56	419.16	420.75	422.34	423.93	425.53	427.12	428.72	430.31	431.91	433.50	435.09	436.69	438.28	439.88	441.47	443.06	444.65	446.25
2	435.20	436.90	438.60	440.30	442.00	443.70	445.40	447.10	448.80	450.50	452.20	453.90	455.60	457.30	459.00	460.70	462.40	464.10	465.80	467.50	469.20	470.90	472.60	474.30	476.00
2 1/8	462.40	464.21	466.01	467.82	469.63	471.43	473.24	475.04	476.85	478.66	480.46	482.27	484.08	485.88	487.69	489.49	491.30	493.11	494.91	496.72	498.53	500.33	502.14	503.94	505.75
2 1/8	489.60	491.51	493.43	495.34	497.25	499.16	501.08	502.99	504.90	506.81	508.73	510.64	512.55	514.46	516.38	518.29	520.20	522.11	524.03	525.94	527.85	529.76	531.68	533.59	535.50

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness Inches	WIDTH, INCHES																						
	68¾	70	70½	70¾	71	71¼	71½	71¾	72	72¼	72½	72¾	73	73½	73¾	74	74¼	74½	74¾	75	75½		
1/16	29.64	29.75	29.86	29.96	30.07	30.18	30.28	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	39.98
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	47.65	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	74.32	74.64	74.91	75.17	75.45	75.70	75.97	76.23	76.50	76.77	77.03	77.30	77.56	77.83	78.09	78.35	78.63	78.89	79.16	79.42	79.69	79.95
7/16	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
1/2	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
5/8	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
3/4	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
7/8	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	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 1/16	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 1/8	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 1/4	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 1/2	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
1 3/4	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 7/8	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
2	296.44	297.50	298.56	299.63	300.69	301.75	302.81	303.88	304.94	306.00	307.06	308.13	309.19	310.25	311.31	312.38	313.44	314.50	315.56	316.63	317.69	318.75	319.81
2 1/8	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	342.44	343.61	344.78	345.95	347.12	348.29	349.46	350.63	351.79
2 1/4	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
2 3/8	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	407.47	408.85	410.23	411.61	412.99	414.38	415.76
2 1/2	415.01	416.50	417.99	419.48	420.97	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 3/4	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	470.16	471.75	473.34	474.94	476.53	478.13	479.72
3	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
3 1/8	503.94	505.75	507.56	509.36	511.17	512.98	514.78	516.59	518.39	520.20	522.01	523.81	525.62	527.43	529.23	531.04	532.84	534.65	536.46	538.26	540.07	541.88	543.68
3 1/4	533.59	535.50	537.41	539.33	541.24	543.15	545.06	546.98	548.89	550.80	552.71	554.63	556.54	558.45	560.36	562.28	564.19	566.10	568.01	569.93	571.84	573.75	575.66

ILLINOIS STEEL COMPANY

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

Thickness, Inches	WIDTH, INCHES																						
	75½	75¼	76	76¼	76½	77	77¼	77½	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 1/8	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 1/4	176.48	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 3/8	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	249.43	250.23	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
1 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
1 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
1 3/8	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	370.51	371.68	372.83	374.00	375.17	376.34	377.51	378.68
1 1/2	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
1 3/8	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	436.48	437.86	439.24	440.62	442.00	443.38	444.76	446.14	447.53
1 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
1 3/4	481.31	482.91	484.50	486.09	487.69	489.28	490.88	492.47	494.06	495.65	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
2	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
2 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	572.59	574.39	576.19	578.00	579.81	581.61	583.42	585.23
2 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

WEIGHTS OF FLAT ROLLED STEEL

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

Thickness, Inches	WIDTH, INCHES																						
	81¼	81½	81¾	82	82¼	82½	82¾	83	83¼	83½	83¾	84	84¼	84½	84¾	85	85¼	85½	85¾	86	86¼	86½	86¾
¼	60.43	60.62	60.80	60.99	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
⅜	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
½	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
⅝	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
¾	120.86	121.23	121.60	121.98	122.35	122.72	123.09	123.46	123.83	124.21	124.58	124.96	125.32	125.69	126.07	126.44	126.81	127.18	127.55	127.93	128.30	128.67	129.04
7⁄8	138.13	138.55	138.98	139.40	139.83	140.25	140.68	141.10	141.53	141.96	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
1	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
1 1⁄8	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
1 1⁄4	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
1 1⁄2	207.19	207.83	208.46	209.10	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
1 3⁄4	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
1 7⁄8	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	257.34	258.08
1 7⁄8	258.98	259.78	260.58	261.38	262.17	262.97	263.77	264.56	265.36	266.16	266.96	267.75	268.55	269.34	270.14	270.94	271.73	272.53	273.33	274.13	274.92	275.72	276.52
1 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
1 7⁄8	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
1 7⁄8	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
1 7⁄8	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
1 7⁄8	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
1 7⁄8	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
1 7⁄8	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
1 7⁄8	517.97	519.56	521.15	522.74	524.34	525.94	527.53	529.13	530.72	532.31	533.91	535.50	537.09	538.69	540.28	541.88	543.47	545.06	546.66	548.25	549.84	551.44	553.03
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
2 1⁄8	587.03	588.84	590.64	592.45	594.26	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
2 1⁄4	621.56	623.48	625.39	627.30	629.21	631.13	633.04	634.95	636.86	638.77	640.68	642.59	644.51	646.43	648.34	650.25	652.16	654.08	655.99	657.91	659.81	661.73	663.64

ILLINOIS STEEL COMPANY

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
1/4	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
3/8	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	77.99	78.20	78.41	78.63
1/2	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	98.02	98.28
5/8	110.93	111.24	111.56	111.88	112.20	112.52	112.84	113.16	113.48	113.79	114.11	114.43	114.75	115.07	115.39	115.71	116.03	116.34	116.66	116.98	117.30	117.62	117.94
3/4	129.41	129.78	130.16	130.53	130.90	131.27	131.64	132.02	132.39	132.76	133.13	133.50	133.88	134.25	134.62	134.99	135.36	135.73	136.11	136.48	136.85	137.22	137.59
7/8	147.90	148.33	148.75	149.18	149.60	150.03	150.45	150.88	151.30	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
1	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
1 1/4	184.88	185.41	185.94	186.47	187.00	187.53	188.06	188.59	189.12	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
1 1/2	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
1 3/4	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
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
1 3/4	258.83	259.57	260.31	261.06	261.80	262.54	263.29	264.03	264.78	265.52	266.26	267.01	267.75	268.49	269.24	269.98	270.73	271.47	272.21	272.96	273.70	274.44	275.19
1 3/4	277.31	278.11	278.91	279.70	280.50	281.30	282.09	282.89	283.69	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
1 3/4	295.80	296.65	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
1 1/2	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	346.17	347.12	348.08	349.03	349.99	350.94	351.90	352.86	353.81
1 1/2	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
1 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
1 1/2	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
1 1/2	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
1 1/2	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
1 1/2	554.63	556.22	557.81	559.41	561.00	562.59	564.19	565.78	567.37	568.97	570.56	572.16	573.75	575.34	576.93	578.52	580.11	581.70	583.31	584.91	586.50	588.09	589.69
2	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
2 1/4	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
2 1/4	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

WEIGHTS OF FLAT ROLLED STEEL

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

Thickness, Inches	WIDTH, INCHES																							
	92¼	93	93¼	93½	93¾	94	94¼	94½	94¾	95	95¼	95½	95¾	96	96¼	96½	96¾	97	97¼	97½	97¾	98	98¼	
⅜	68.96	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	73.25
½	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	82.02	82.24	82.45	82.66	82.88	83.09	83.30	83.51	83.72
⅝	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	104.66
¾	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	125.59
⅞	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	146.52
1	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	167.45
1 ⅛	177.38	177.86	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	188.38
1 ¼	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	209.31
1 ½	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	230.25
1 ¾	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	251.17
1 ⅝	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	272.11
1 ¾	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	293.03
1 ⅞	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	313.97
2	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	334.90
2 ⅛	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	371.98	372.94	373.89	374.85	375.81	376.77
2 ¼	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	418.62
2 ⅝	433.61	434.73	435.84	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	454.64	455.81	456.98	458.15	459.32	460.49
2 ¾	473.03	474.30	475.58	476.85	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	502.35
2 ⅞	512.44	513.88	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	544.21
3	551.86	553.35	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	586.07
3 ⅛	591.28	592.88	594.47	596.06	597.66	599.25	600.84	602.44	604.03	605.63	607.22	608.81	610.41	612.00	613.59	615.19	616.78	618.38	619.97	621.56	623.16	624.75	626.34	627.93
3 ¼	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	669.80
3 ⅝	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	711.67
3 ¾	709.54	711.45	713.36	715.28	717.19	719.10	721.01	722.93	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	753.52

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	98½	98¼	98	99¼	99½	99¾	100	100¼	100½	100¾	101	101¼	101½	101¾	102	102¼	102½	102¾	103	103¼	103½	103¾	104	
⅜	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
¼	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
⅓	104.66	104.92	105.19	105.45	105.73	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
⅔	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
1	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
1¼	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	177.23
1½	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
1¾	209.31	209.84	210.38	210.91	211.44	211.97	212.50	213.03	213.56	214.09	214.63	215.16	215.69	216.22	216.75	217.28	217.81	218.34	218.88	219.41	219.94	220.47	221.00	221.53
2	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
2¼	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	265.83
2½	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	287.99
2¾	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
3	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
3½	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
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	398.75
4¼	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
4½	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
5	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	531.67
5¼	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	569.08	570.46	571.84	573.22	574.60	575.98
5½	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
6	627.94	629.53	631.13	632.72	634.31	635.91	637.50	639.09	640.68	642.27	643.86	645.45	647.04	648.63	650.22	651.81	653.40	655.00	656.63	658.22	659.81	661.41	663.00	664.59
6¼	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
6½	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
7	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

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																						
	104 ¹ / ₄	104 ¹ / ₂	105	105 ¹ / ₄	105 ¹ / ₂	106	106 ¹ / ₄	106 ¹ / ₂	106 ³ / ₄	107	107 ¹ / ₂	107 ³ / ₄	108	108 ¹ / ₄	108 ¹ / ₂	108 ³ / ₄	109	109 ¹ / ₄	109 ¹ / ₂	109 ³ / ₄			
1 ¹ / ₄	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
1 ¹ / ₂	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
1 ³ / ₄	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
1 ⁷ / ₈	132.92	133.24	133.56	133.88	134.19	134.51	134.83	135.15	135.47	135.79	136.11	136.43	136.74	137.06	137.38	137.70	138.02	138.34	138.66	138.98	139.29	139.61	139.93
1 ⁵ / ₈	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
1 ¹ / ₂	177.23	177.65	178.08	178.50	178.93	179.35	179.78	180.20	180.63	181.05	181.48	181.90	182.33	182.75	183.18	183.60	184.03	184.45	184.88	185.30	185.73	186.15	186.58
1 ³ / ₈	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
1 ¹ / 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
1 ⁷ / ₈	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
1 ¹ / ₂	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
1 ³ / ₈	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
1 ¹ / ₂	310.14	310.89	311.63	312.38	313.12	313.86	314.61	315.35	316.09	316.84	317.58	318.33	319.07	319.81	320.56	321.30	322.04	322.79	323.53	324.28	325.02	325.76	326.51
1 ⁷ / ₈	332.30	333.09	333.89	334.69	335.48	336.28	337.08	337.88	338.67	339.47	340.27	341.06	341.86	342.66	343.45	344.25	345.05	345.84	346.64	347.44	348.23	349.03	349.83
1 ¹ / ₂	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
1 ³ / ₈	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
1 ¹ / ₂	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
1 ⁷ / ₈	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
1 ¹ / ₂	531.68	532.36	533.22	534.22	535.50	536.78	538.05	539.33	540.60	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
1 ³ / ₈	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
1 ¹ / ₂	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	647.06	648.55	650.04	651.53	653.01
1 ⁷ / ₈	664.59	666.19	667.78	669.38	670.97	672.56	674.16	675.75	677.34	678.94	680.53	682.13	683.73	685.31	686.91	688.50	690.09	691.69	693.28	694.88	696.47	698.06	699.66
1 ¹ / ₂	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
1 ³ / ₈	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
1 ¹ / ₂	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

ILLINOIS STEEL COMPANY

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

Thickness, Inches	WIDTH, INCHES																					
	110	110½	110¾	111	111¼	111½	111¾	112	112¼	112½	112¾	113	113¼	113½	113¾	114	114¼	114½	114¾	115	115½	115¾
¼	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	85.72	85.90
⅜	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
½	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
⅝	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
¾	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
1	187.00	187.43	187.85	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
1 ¼	210.38	210.85	211.33	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
1 ½	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
1 ¾	257.13	257.71	258.29	258.88	259.46	260.05	260.63	261.22	261.80	262.38	262.97	263.55	264.14	264.72	265.31	265.89	266.48	267.06	267.64	268.23	268.81	269.39
2	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
2 ¼	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
2 ½	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
2 ¾	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
3	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
3 ¼	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
3 ½	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
3 ¾	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
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
4 ¼	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
4 ½	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
4 ¾	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	725.15	726.75	728.34	729.94	731.53	733.13	734.72
5	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
5 ¼	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
5 ½	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

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																								
	115 $\frac{3}{4}$	116	116 $\frac{1}{4}$	116 $\frac{1}{2}$	116 $\frac{3}{4}$	117	117 $\frac{1}{4}$	117 $\frac{1}{2}$	117 $\frac{3}{4}$	118	118 $\frac{1}{4}$	118 $\frac{1}{2}$	118 $\frac{3}{4}$	119	119 $\frac{1}{4}$	119 $\frac{1}{2}$	119 $\frac{3}{4}$	120	120 $\frac{1}{4}$	120 $\frac{1}{2}$	120 $\frac{3}{4}$	121	121 $\frac{1}{4}$		
$\frac{1}{16}$	86.28	86.46	86.63	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	90.36	90.55	90.74
$\frac{1}{8}$	172.56	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	180.74	181.11	181.48
$\frac{1}{4}$	345.12	345.84	346.58	347.34	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	361.46	362.20	362.94
$\frac{3}{8}$	517.68	518.71	519.74	520.77	521.80	522.83	523.86	524.89	525.92	526.95	527.98	529.01	530.04	531.07	532.10	533.13	534.16	535.19	536.22	537.25	538.28	539.31	540.34	541.37	542.40
$\frac{1}{2}$	1035.36	1037.42	1039.48	1041.54	1043.60	1045.66	1047.72	1049.78	1051.84	1053.90	1055.96	1058.02	1060.08	1062.14	1064.20	1066.26	1068.32	1070.38	1072.44	1074.50	1076.56	1078.62	1080.68	1082.74	1084.80
$\frac{5}{8}$	1553.04	1556.13	1559.22	1562.31	1565.40	1568.49	1571.58	1574.67	1577.76	1580.85	1583.94	1587.03	1590.12	1593.21	1596.30	1599.39	1602.48	1605.57	1608.66	1611.75	1614.84	1617.93	1621.02	1624.11	1627.20
$\frac{3}{4}$	2070.72	2074.84	2078.96	2083.08	2087.20	2091.32	2095.44	2099.56	2103.68	2107.80	2111.92	2116.04	2120.16	2124.28	2128.40	2132.52	2136.64	2140.76	2144.88	2149.00	2153.12	2157.24	2161.36	2165.48	2169.60
$\frac{7}{8}$	2688.48	2693.68	2698.88	2704.08	2709.28	2714.48	2719.68	2724.88	2730.08	2735.28	2740.48	2745.68	2750.88	2756.08	2761.28	2766.48	2771.68	2776.88	2782.08	2787.28	2792.48	2797.68	2802.88	2808.08	2813.28
$1\frac{1}{8}$	3277.44	3283.68	3289.92	3296.16	3302.40	3308.64	3314.88	3321.12	3327.36	3333.60	3339.84	3346.08	3352.32	3358.56	3364.80	3371.04	3377.28	3383.52	3389.76	3396.00	3402.24	3408.48	3414.72	3420.96	3427.20
$1\frac{1}{4}$	3909.12	3916.32	3923.52	3930.72	3937.92	3945.12	3952.32	3959.52	3966.72	3973.92	3981.12	3988.32	3995.52	4002.72	4010.00	4017.28	4024.56	4031.84	4039.12	4046.40	4053.68	4060.96	4068.24	4075.52	4082.80
$1\frac{3}{8}$	4540.80	4548.96	4557.12	4565.28	4573.44	4581.60	4589.76	4597.92	4606.08	4614.24	4622.40	4630.56	4638.72	4646.88	4655.04	4663.20	4671.36	4679.52	4687.68	4695.84	4704.00	4712.16	4720.32	4728.48	4736.64
$1\frac{1}{2}$	5172.48	5181.60	5190.72	5200.00	5209.28	5218.56	5227.84	5237.12	5246.40	5255.68	5264.96	5274.24	5283.52	5292.80	5302.08	5311.36	5320.64	5329.92	5339.20	5348.48	5357.76	5367.04	5376.32	5385.60	5394.88
$1\frac{5}{8}$	5804.16	5814.24	5824.32	5834.40	5844.48	5854.56	5864.64	5874.72	5884.80	5894.88	5904.96	5915.04	5925.12	5935.20	5945.28	5955.36	5965.44	5975.52	5985.60	5995.68	6005.76	6015.84	6025.92	6036.00	6046.08
$1\frac{3}{4}$	6435.84	6446.88	6457.92	6468.96	6479.04	6489.12	6499.20	6509.28	6519.36	6529.44	6539.52	6549.60	6559.68	6569.76	6579.84	6589.92	6599.96	6610.04	6620.12	6630.20	6640.28	6650.36	6660.44	6670.52	6680.60
$1\frac{7}{8}$	7067.52	7079.04	7090.56	7102.08	7113.60	7125.12	7136.64	7148.16	7159.68	7171.20	7182.72	7194.24	7205.76	7217.28	7228.80	7240.32	7251.84	7263.36	7274.88	7286.40	7297.92	7309.44	7320.96	7332.48	7344.00
$2\frac{1}{8}$	7700.16	7712.16	7724.16	7736.16	7748.16	7760.16	7772.16	7784.16	7796.16	7808.16	7820.16	7832.16	7844.16	7856.16	7868.16	7880.16	7892.16	7904.16	7916.16	7928.16	7940.16	7952.16	7964.16	7976.16	7988.16
$2\frac{1}{4}$	8332.80	8345.76	8358.72	8371.68	8384.64	8397.60	8410.56	8423.52	8436.48	8449.44	8462.40	8475.36	8488.32	8501.28	8514.24	8527.20	8540.16	8553.12	8566.08	8579.04	8592.00	8604.96	8617.92	8630.88	8643.84

ILLINOIS STEEL COMPANY

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

Thickness, Inches	WIDTH, INCHES																								
	121 $\frac{1}{8}$	122 $\frac{1}{8}$	122 $\frac{3}{8}$	122 $\frac{1}{2}$	122 $\frac{3}{4}$	123	123 $\frac{1}{4}$	123 $\frac{1}{2}$	123 $\frac{3}{4}$	124	124 $\frac{1}{4}$	124 $\frac{1}{2}$	124 $\frac{3}{4}$	125	125 $\frac{1}{8}$	125 $\frac{1}{4}$	125 $\frac{1}{2}$	125 $\frac{3}{4}$	126	126 $\frac{1}{8}$	126 $\frac{1}{4}$	126 $\frac{1}{2}$	126 $\frac{3}{4}$	127	
$\frac{3}{8}$	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	93.90	94.08	94.27	94.46	94.64	94.83
$\frac{7}{16}$	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	107.53	107.74	107.95	108.17	108.39
$\frac{1}{2}$	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	134.67	134.94	135.21	135.48
$\frac{5}{8}$	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	161.61	161.93	162.25	162.57
$\frac{3}{4}$	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	188.54	188.91	189.28	189.65
$1\frac{1}{8}$	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	215.48	215.90	216.33	216.75
$1\frac{1}{4}$	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	242.41	242.89	243.37	243.85
$1\frac{3}{8}$	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	269.34	269.87	270.40	270.93
$1\frac{1}{2}$	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	296.28	296.86	297.45	298.03
$1\frac{3}{4}$	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	323.21	323.85	324.48	325.12
$1\frac{7}{8}$	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	350.15	350.84	351.53	352.22
$1\frac{1}{2}$	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	377.08	377.83	378.57	379.31
$1\frac{5}{8}$	387.28	388.08	388.88	389.67	390.47	391.27	392.06	392.86	393.65	394.45	395.25	396.05	396.84	397.64	398.44	399.23	400.03	400.83	401.63	402.42	403.22	404.02	404.81	405.61	406.41
1	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	430.95	431.80	432.65	433.50
$1\frac{1}{8}$	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	484.82	485.78	486.73	487.69
$1\frac{1}{4}$	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	538.69	539.75	540.81	541.87
$1\frac{3}{8}$	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	592.56	593.73	594.90	596.07
$1\frac{1}{2}$	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	646.43	647.70	648.98	650.25
$1\frac{5}{8}$	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	700.29	701.68	703.06	704.44
$1\frac{3}{4}$	722.93	724.41	725.90	727.39	728.88	730.36	731.85	733.34	734.83	736.31	737.80	739.29	740.78	742.26	743.75	745.24	746.73	748.21	749.70	751.19	752.68	754.16	755.65	757.13	758.62
$1\frac{7}{8}$	774.56	776.16	777.75	779.34	780.94	782.53	784.13	785.72	787.31	788.91	790.50	792.09	793.69	795.28	796.88	798.47	800.06	801.66	803.25	804.84	806.44	808.03	809.63	811.22	812.81
2	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	861.90	863.60	865.30	867.00
$2\frac{1}{8}$	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	915.77	917.58	919.38	921.19
$2\frac{1}{4}$	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	969.64	971.55	973.46	975.37

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL—Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																				
	127¼	127½	127¾	128	128¼	128½	128¾	129	129¼	129½	129¾	130	130¼	130½	130¾	131	131¼	131½	131¾	132	132¼
¾	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	97.25	97.43	97.62	97.80	97.99	98.16	98.36
¾	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	111.14	111.35	111.56	111.77	111.99	112.20	112.41
¾	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	138.92	139.19	139.45	139.72	139.98	140.25	140.52
¾	162.24	162.56	162.88	163.20	163.52	163.84	164.16	164.48	164.81	165.13	165.45	165.77	166.09	166.39	166.71	167.02	167.34	167.66	167.98	168.30	168.62
¾	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	194.49	194.86	195.23	195.61	195.98	196.35	196.72
¾	216.32	216.75	217.18	217.60	218.03	218.46	218.88	219.31	219.73	220.15	220.58	221.00	221.43	221.85	222.27	222.70	223.12	223.55	223.97	224.40	224.82
¾	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	250.06	250.54	251.02	251.49	251.97	252.45	252.93
¾	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	277.84	278.37	278.91	279.44	279.97	280.50	281.03
¾	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	305.63	306.21	306.80	307.38	307.97	308.55	309.13
¾	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	333.41	334.05	334.69	335.32	335.96	336.60	337.24
¾	351.53	352.22	352.91	353.60	354.30	354.99	355.67	356.36	357.05	357.74	358.43	359.12	359.81	360.50	361.20	361.89	362.58	363.27	363.96	364.65	365.34
¾	378.57	379.31	380.06	380.81	381.56	382.31	383.06	383.81	384.56	385.31	386.06	386.81	387.56	388.31	389.06	389.81	390.56	391.31	392.06	392.81	393.56
¾	405.61	406.41	407.20	408.00	408.80	409.59	410.39	411.18	411.98	412.78	413.58	414.38	415.17	415.97	416.77	417.56	418.36	419.16	419.95	420.75	421.55
¾	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	444.55	445.40	446.25	447.10	447.95	448.80	449.65
¾	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	500.12	501.07	502.03	502.99	503.94	504.90	505.86
¾	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	555.69	556.75	557.81	558.87	559.94	561.00	562.06
¾	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	611.26	612.42	613.59	614.76	615.93	617.10	618.27
¾	648.98	650.25	651.53	652.80	654.08	655.36	656.63	657.90	659.18	660.45	661.73	663.00	664.28	665.55	666.82	668.10	669.37	670.65	671.92	673.20	674.47
¾	703.06	704.41	705.82	707.23	708.64	710.05	711.47	712.88	714.29	715.71	717.12	718.53	719.94	721.35	722.76	724.17	725.58	726.99	728.40	729.81	730.68
¾	757.14	758.63	760.11	761.60	763.09	764.58	766.06	767.55	769.04	770.53	772.02	773.51	775.00	776.49	777.98	779.47	780.96	782.45	783.94	785.43	786.89
¾	811.22	812.81	814.41	816.00	817.59	819.19	820.78	822.37	823.96	825.55	827.14	828.73	830.32	831.91	833.50	835.09	836.68	838.27	839.86	841.45	843.04
¾	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	889.10	890.80	892.50	894.20	895.90	897.60	899.30
¾	919.38	921.19	922.99	924.80	926.61	928.41	930.22	932.03	933.83	935.64	937.44	939.25	941.05	942.86	944.67	946.47	948.28	950.09	951.89	953.70	955.51
¾	973.46	975.37	977.29	979.20	981.11	983.02	984.94	986.85	988.76	990.68	992.59	994.50	996.41	998.33	1000.24	1002.15	1004.06	1005.97	1007.88	1009.80	1011.71

ILLINOIS STEEL COMPANY

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

Thickness, Inches	WIDTH, INCHES																		
	132 $\frac{1}{2}$ "	132 $\frac{3}{4}$ "	133"	133 $\frac{1}{4}$ "	133 $\frac{1}{2}$ "	133 $\frac{3}{4}$ "	134"	134 $\frac{1}{4}$ "	134 $\frac{1}{2}$ "	134 $\frac{3}{4}$ "	135"	135 $\frac{1}{4}$ "	135 $\frac{1}{2}$ "	135 $\frac{3}{4}$ "	136"	136 $\frac{1}{4}$ "	136 $\frac{1}{2}$ "	136 $\frac{3}{4}$ "	137"
$\frac{1}{16}$	140.78	141.05	141.31	141.58	141.84	142.11	142.37	142.64	142.91	143.17	143.44	143.70	143.97	144.23	144.50	144.77	145.03	145.30	145.56
$\frac{1}{8}$	168.94	169.26	169.57	169.89	170.21	170.53	170.85	171.17	171.49	171.81	172.12	172.44	172.76	173.08	173.40	173.72	174.04	174.36	174.67
$\frac{3}{16}$	197.09	197.47	197.84	198.21	198.58	198.95	199.32	199.70	200.07	200.44	200.81	201.18	201.56	201.93	202.30	202.67	203.04	203.42	203.79
$\frac{1}{4}$	225.25	225.67	226.10	226.52	226.95	227.37	227.80	228.22	228.65	229.07	229.50	229.92	230.35	230.77	231.20	231.62	232.05	232.47	232.90
$\frac{5}{16}$	253.41	253.88	254.36	254.84	255.32	255.80	256.27	256.75	257.23	257.71	258.19	258.67	259.14	259.62	260.10	260.58	261.06	261.53	262.01
$\frac{3}{8}$	281.56	282.09	282.62	283.16	283.69	284.22	284.75	285.28	285.81	286.34	286.87	287.41	287.94	288.47	289.00	289.53	290.06	290.59	291.12
$\frac{7}{16}$	309.72	310.30	310.89	311.47	312.06	312.64	313.22	313.81	314.39	314.98	315.56	316.15	316.73	317.32	317.90	318.48	319.07	319.65	320.24
$\frac{1}{2}$	337.87	338.51	339.15	339.79	340.42	341.06	341.70	342.34	342.97	343.61	344.25	344.89	345.52	346.16	346.80	347.44	348.07	348.71	349.35
$\frac{9}{16}$	366.03	366.72	367.41	368.10	368.79	369.48	370.17	370.87	371.56	372.25	372.94	373.63	374.32	375.01	375.70	376.39	377.08	377.77	378.46
$\frac{5}{8}$	394.19	394.93	395.67	396.42	397.16	397.91	398.65	399.39	400.14	400.88	401.62	402.37	403.11	403.86	404.60	405.34	406.09	406.83	407.57
$\frac{3}{4}$	422.34	423.14	423.94	424.73	425.53	426.33	427.12	427.92	428.72	429.52	430.31	431.11	431.91	432.70	433.50	434.30	435.09	435.89	436.69
1	450.50	451.35	452.20	453.05	453.90	454.75	455.60	456.45	457.30	458.15	459.00	459.85	460.70	461.55	462.40	463.25	464.10	464.95	465.80
$1\frac{1}{8}$	506.81	507.77	508.72	509.68	510.64	511.59	512.55	513.51	514.46	515.42	516.37	517.33	518.29	519.24	520.20	521.16	522.11	523.07	524.02
$1\frac{1}{4}$	563.12	564.19	565.25	566.31	567.37	568.44	569.50	570.56	571.62	572.69	573.75	574.81	575.87	576.94	578.00	579.06	580.12	581.19	582.25
$1\frac{3}{8}$	619.44	620.61	621.77	622.94	624.11	625.28	626.45	627.62	628.79	629.96	631.12	632.29	633.46	634.63	635.80	636.97	638.14	639.31	640.47
$1\frac{1}{2}$	675.75	677.02	678.30	679.57	680.85	682.12	683.40	684.67	685.95	687.22	688.50	689.77	691.05	692.32	693.60	694.87	696.15	697.42	698.70
$1\frac{3}{4}$	732.06	733.44	734.82	736.21	737.59	738.97	740.35	741.73	743.11	744.49	745.87	747.26	748.64	750.02	751.40	752.78	754.16	755.54	756.92
2	788.37	789.86	791.35	792.84	794.32	795.81	797.30	798.79	800.27	801.76	803.25	804.74	806.22	807.71	809.20	810.69	812.17	813.66	815.15
$2\frac{1}{8}$	844.69	846.28	847.87	849.47	851.06	852.66	854.25	855.84	857.44	859.03	860.62	862.22	863.81	865.41	867.00	868.59	870.19	871.78	873.37
$2\frac{1}{4}$	901.00	902.70	904.40	906.10	907.80	909.50	911.20	912.90	914.60	916.30	918.00	919.70	921.40	923.10	924.80	926.50	928.20	929.90	931.60
$2\frac{3}{8}$	957.31	959.12	960.92	962.73	964.54	966.34	968.15	969.96	971.76	973.57	975.37	977.18	978.99	980.79	982.60	984.41	986.21	988.02	989.82
$2\frac{1}{2}$	1013.62	1015.54	1017.45	1019.36	1021.27	1023.19	1025.10	1027.01	1028.92	1030.84	1032.75	1034.66	1036.57	1038.49	1040.40	1042.31	1044.22	1046.14	1048.05

WEIGHTS OF FLAT ROLLED STEEL

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

Thickness Inches	WIDTH, INCHES																		
	137 $\frac{1}{4}$	137 $\frac{1}{2}$	137 $\frac{3}{4}$	138	138 $\frac{1}{4}$	138 $\frac{1}{2}$	138 $\frac{3}{4}$	139	139 $\frac{1}{4}$	139 $\frac{1}{2}$	139 $\frac{3}{4}$	140	140 $\frac{1}{4}$	140 $\frac{1}{2}$	140 $\frac{3}{4}$	141	141 $\frac{1}{4}$	141 $\frac{1}{2}$	141 $\frac{3}{4}$
$\frac{1}{8}$	145.83	146.09	146.36	146.62	146.89	147.16	147.42	147.69	147.95	148.22	148.48	148.75	149.02	149.28	149.55	149.81	150.08	150.34	150.61
$\frac{3}{16}$	174.99	175.31	175.63	175.95	176.27	176.59	176.91	177.22	177.54	177.86	178.18	178.50	178.82	179.14	179.46	179.77	180.09	180.41	180.73
$\frac{1}{4}$	204.16	204.53	204.90	205.27	205.65	206.02	206.39	206.76	207.13	207.51	207.88	208.25	208.62	208.99	209.37	209.74	210.11	210.48	210.85
$\frac{5}{16}$	233.32	233.75	234.17	234.60	235.02	235.45	235.87	236.30	236.72	237.15	237.57	238.00	238.42	238.85	239.27	239.70	240.12	240.55	240.97
$\frac{3}{8}$	262.49	262.97	263.45	263.92	264.40	264.88	265.36	265.84	266.32	266.79	267.27	267.75	268.23	268.71	269.18	269.66	270.14	270.62	271.10
$\frac{7}{16}$	291.66	292.19	292.72	293.25	293.78	294.31	294.84	295.37	295.91	296.44	296.97	297.50	298.03	298.56	299.09	299.62	300.16	300.69	301.22
$\frac{1}{2}$	320.82	321.41	321.99	322.57	323.16	323.74	324.33	324.91	325.50	326.08	326.67	327.25	327.83	328.42	329.00	329.59	330.17	330.76	331.34
$\frac{5}{8}$	348.99	350.62	351.26	351.90	352.54	353.17	353.81	354.45	355.09	355.72	356.36	357.00	357.64	358.27	358.91	359.55	360.19	360.82	361.46
$\frac{3}{4}$	379.15	379.84	380.53	381.22	381.92	382.61	383.30	383.99	384.68	385.37	386.06	386.75	387.44	388.13	388.82	389.51	390.20	390.89	391.58
$\frac{7}{8}$	408.32	409.06	409.81	410.55	411.29	412.04	412.78	413.52	414.27	415.01	415.76	416.50	417.24	417.99	418.73	419.47	420.22	420.96	421.71
$1\frac{1}{8}$	437.48	438.28	439.08	439.87	440.67	441.47	442.27	443.06	443.86	444.66	445.45	446.25	447.05	447.84	448.64	449.44	450.23	451.03	451.83
$1\frac{1}{4}$	466.65	467.50	468.35	469.20	470.05	470.90	471.75	472.60	473.45	474.30	475.15	476.00	476.85	477.70	478.55	479.40	480.25	481.10	481.95
1	524.98	525.94	526.89	527.85	528.81	529.76	530.72	531.67	532.63	533.59	534.54	535.50	536.46	537.41	538.37	539.32	540.28	541.24	542.19
$1\frac{1}{8}$	583.31	584.37	585.44	586.50	587.56	588.62	589.69	590.75	591.81	592.87	593.94	595.00	596.06	597.12	598.19	599.25	600.31	601.37	602.44
$1\frac{3}{8}$	641.64	642.81	643.98	645.15	646.32	647.49	648.66	649.82	650.99	652.16	653.33	654.50	655.67	656.84	658.01	659.17	660.34	661.51	662.68
$1\frac{1}{2}$	699.97	701.25	702.52	703.80	705.07	706.35	707.62	708.90	710.17	711.45	712.72	714.00	715.27	716.55	717.82	719.10	720.37	721.65	722.92
$1\frac{3}{4}$	758.31	759.69	761.07	762.45	763.83	765.21	766.59	767.97	769.36	770.74	772.12	773.50	774.88	776.26	777.64	779.02	780.41	781.79	783.17
2	816.64	818.12	819.61	821.10	822.59	824.07	825.56	827.05	828.54	830.02	831.51	833.00	834.49	835.97	837.46	838.95	840.44	841.92	843.41
$2\frac{1}{8}$	874.97	876.56	878.16	879.75	881.34	882.94	884.53	886.12	887.72	889.31	890.90	892.50	894.09	895.69	897.28	898.87	900.47	902.06	903.66
$2\frac{1}{4}$	933.30	935.00	936.70	938.40	940.10	941.80	943.50	945.20	946.90	948.60	950.30	952.00	953.70	955.40	957.10	958.80	960.50	962.20	963.90
$2\frac{3}{8}$	991.63	993.44	995.24	997.05	998.86	1000.66	1002.47	1004.27	1006.08	1007.89	1009.69	1011.50	1013.31	1015.11	1016.92	1018.72	1020.53	1022.34	1024.14
$2\frac{1}{2}$	1049.96	1051.87	1053.79	1055.70	1057.61	1059.52	1061.44	1063.35	1065.26	1067.17	1069.09	1071.00	1072.91	1074.82	1076.74	1078.65	1080.56	1082.47	1084.39

ILLINOIS STEEL COMPANY

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

WIDTH, INCHES

Thick-
ness,
Inches

	142	142 $\frac{1}{4}$	142 $\frac{1}{2}$	142 $\frac{3}{4}$	143	143 $\frac{1}{4}$	143 $\frac{1}{2}$	143 $\frac{3}{4}$	144	144 $\frac{1}{4}$	144 $\frac{1}{2}$	144 $\frac{3}{4}$	145	145 $\frac{1}{4}$	145 $\frac{1}{2}$	145 $\frac{3}{4}$	146	146 $\frac{1}{4}$	146 $\frac{1}{2}$
$\frac{1}{8}$	150.87	151.14	151.41	151.67	151.94	152.20	152.47	152.73	153.00	153.27	153.53	153.80	154.06	154.33	154.59	154.86	155.12	155.39	155.66
$\frac{3}{16}$	181.05	181.37	181.69	182.01	182.32	182.64	182.96	183.28	183.60	183.92	184.24	184.56	184.87	185.19	185.51	185.83	186.15	186.47	186.79
$\frac{1}{4}$	211.22	211.60	211.97	212.34	212.71	213.08	213.46	213.83	214.20	214.57	214.94	215.32	215.69	216.06	216.43	216.80	217.17	217.55	217.92
$\frac{5}{16}$	241.40	241.82	242.25	242.67	243.10	243.52	243.95	244.37	244.80	245.22	245.65	246.07	246.50	246.92	247.35	247.77	248.20	248.62	249.05
$\frac{3}{8}$	271.57	272.05	272.53	273.01	273.49	273.97	274.44	274.92	275.40	275.88	276.36	276.83	277.31	277.79	278.27	278.75	279.22	279.70	280.18
$\frac{7}{16}$	301.75	302.28	302.81	303.34	303.87	304.41	304.94	305.47	306.00	306.53	307.06	307.59	308.12	308.66	309.19	309.72	310.25	310.78	311.31
$\frac{1}{2}$	331.92	332.51	333.09	333.68	334.26	334.85	335.43	336.02	336.60	337.18	337.77	338.35	338.94	339.52	340.11	340.69	341.27	341.86	342.44
$\frac{5}{8}$	362.10	362.74	363.37	364.01	364.65	365.29	365.92	366.56	367.20	367.84	368.47	369.11	369.75	370.39	371.02	371.66	372.30	372.94	373.57
$\frac{3}{4}$	392.27	392.97	393.66	394.35	395.04	395.73	396.42	397.11	397.80	398.49	399.18	399.87	400.56	401.25	401.94	402.63	403.32	404.02	404.71
$\frac{7}{8}$	422.45	423.19	423.94	424.68	425.42	426.17	426.91	427.66	428.40	429.14	429.89	430.63	431.37	432.12	432.86	433.61	434.35	435.09	435.84
$1\frac{1}{8}$	452.62	453.42	454.22	455.02	455.81	456.61	457.41	458.20	459.00	459.80	460.59	461.39	462.19	462.98	463.78	464.58	465.37	466.17	466.97
$1\frac{1}{4}$	482.80	483.65	484.50	485.35	486.20	487.05	487.90	488.75	489.60	490.45	491.30	492.15	493.00	493.85	494.70	495.55	496.40	497.25	498.10
$1\frac{3}{8}$	513.00	513.90	514.80	515.70	516.60	517.50	518.40	519.30	520.20	521.10	522.00	522.90	523.80	524.70	525.60	526.50	527.40	528.30	529.20
$1\frac{1}{2}$	543.15	544.11	545.06	546.02	546.97	547.93	548.89	549.84	550.80	551.76	552.71	553.67	554.62	555.58	556.54	557.49	558.45	559.41	560.36
$1\frac{3}{4}$	603.50	604.56	605.62	606.69	607.75	608.81	609.87	610.94	612.00	613.06	614.12	615.19	616.25	617.31	618.37	619.44	620.50	621.56	622.62
$1\frac{7}{8}$	663.85	665.02	666.19	667.36	668.52	669.69	670.86	672.03	673.20	674.37	675.54	676.71	677.87	679.04	680.21	681.38	682.55	683.72	684.89
$2\frac{1}{8}$	724.20	725.47	726.75	728.02	729.30	730.57	731.85	733.12	734.40	735.67	736.95	738.22	739.50	740.77	742.05	743.32	744.60	745.87	747.15
$2\frac{1}{4}$	794.55	795.93	797.31	798.69	799.07	799.46	799.84	799.22	799.60	799.98	799.36	799.74	801.12	802.51	803.89	805.27	806.65	808.03	809.41
$2\frac{3}{8}$	844.90	846.39	847.87	849.36	850.85	852.34	853.82	855.31	856.80	858.29	859.77	861.26	862.75	864.24	865.72	867.21	868.70	870.19	871.67
$2\frac{1}{2}$	905.25	906.84	908.44	910.03	911.62	913.22	914.81	916.41	918.00	919.59	921.19	922.78	924.37	925.97	927.56	929.16	930.75	932.34	933.94
$2\frac{7}{8}$	965.60	967.30	969.00	970.70	972.40	974.10	975.80	977.50	979.20	980.90	982.60	984.30	986.00	987.70	989.40	991.10	992.80	994.50	996.20
$3\frac{1}{8}$	1025.95	1027.76	1029.56	1031.37	1033.17	1034.98	1036.79	1038.59	1040.40	1042.21	1044.01	1045.82	1047.62	1049.43	1051.24	1053.04	1054.85	1056.66	1058.46
$3\frac{1}{4}$	1086.30	1088.21	1090.12	1092.04	1093.95	1095.86	1097.77	1099.69	1101.60	1103.51	1105.42	1107.34	1109.25	1111.16	1113.07	1114.99	1116.90	1118.81	1120.72

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL—Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																	
	146%	147	147½	147¾	148	148½	148¾	149	149½	149¾	149½	149¾	150	150½	150¾	151	151½	
⅜	155.92	156.19	156.45	156.72	156.98	157.25	157.52	157.78	158.05	158.31	158.58	158.84	159.10	159.37	159.64	159.91	160.17	160.44
¾	187.11	187.42	187.74	188.06	188.38	188.70	189.02	189.34	189.66	189.97	190.29	190.61	190.93	191.25	191.57	191.89	192.21	192.52
⅝	218.29	218.66	219.03	219.41	219.78	220.15	220.52	220.89	221.27	221.64	222.01	222.38	222.75	223.12	223.50	223.87	224.24	224.61
½	249.47	249.90	250.32	250.75	251.17	251.60	252.02	252.45	252.87	253.30	253.72	254.15	254.57	255.00	255.42	255.85	256.27	256.70
⅜	280.66	281.14	281.62	282.09	282.57	283.05	283.53	284.01	284.48	284.96	285.44	285.92	286.40	286.87	287.35	287.83	288.31	288.79
¾	311.84	312.37	312.91	313.44	313.97	314.50	315.03	315.56	316.09	316.62	317.16	317.69	318.22	318.75	319.28	319.81	320.34	320.87
⅝	343.03	343.61	344.20	344.78	345.37	345.95	346.53	347.12	347.70	348.29	348.87	349.46	350.04	350.62	351.21	351.79	352.38	352.96
½	374.21	374.85	375.49	376.12	376.76	377.40	378.04	378.67	379.31	379.95	380.59	381.22	381.86	382.50	383.14	383.77	384.41	385.05
⅜	405.40	406.09	406.78	407.47	408.16	408.85	409.54	410.23	410.92	411.61	412.30	412.99	413.68	414.37	415.07	415.76	416.45	417.14
¾	436.58	437.32	438.07	438.81	439.56	440.30	441.04	441.79	442.53	443.27	444.02	444.76	445.51	446.25	446.99	447.74	448.48	449.23
⅝	467.77	468.56	469.36	470.16	470.95	471.75	472.55	473.34	474.14	474.94	475.73	476.53	477.33	478.12	478.92	479.72	480.52	481.31
½	498.95	499.80	500.65	501.50	502.35	503.20	504.05	504.90	505.75	506.60	507.45	508.30	509.15	510.00	510.85	511.70	512.55	513.40
⅜	561.32	562.27	563.23	564.19	565.14	566.10	567.06	568.01	568.97	569.92	570.88	571.84	572.79	573.75	574.71	575.66	576.62	577.57
¾	623.69	624.75	625.81	626.87	627.94	629.00	630.06	631.12	632.19	633.25	634.31	635.37	636.44	637.50	638.56	639.62	640.69	641.75
⅝	686.06	687.22	688.39	689.56	690.73	691.90	693.07	694.24	695.41	696.57	697.74	698.91	700.08	701.25	702.42	703.59	704.76	705.92
½	748.42	749.70	750.97	752.25	753.52	754.80	756.07	757.35	758.62	759.90	761.17	762.45	763.72	765.00	766.27	767.55	768.82	770.10
⅜	810.79	812.17	813.56	814.94	816.32	817.70	819.08	820.46	821.84	823.22	824.61	825.99	827.37	828.75	830.13	831.51	832.89	834.27
¾	873.16	874.65	876.14	877.62	879.11	880.60	882.09	883.57	885.06	886.55	888.04	889.52	891.01	892.50	893.99	895.47	896.96	898.45
⅝	935.53	937.12	938.72	940.31	941.91	943.50	945.09	946.69	948.28	949.87	951.47	953.06	954.66	956.25	957.84	959.44	961.03	962.62
½	997.90	999.60	1001.30	1003.00	1004.70	1006.40	1008.10	1009.80	1011.50	1013.20	1014.90	1016.60	1018.30	1020.00	1021.70	1023.40	1025.10	1026.80
⅜	1060.27	1062.07	1063.88	1065.69	1067.49	1069.30	1071.11	1072.91	1074.72	1076.52	1078.33	1080.14	1081.94	1083.75	1085.56	1087.36	1089.17	1090.97
½	1122.64	1124.55	1126.46	1128.37	1130.29	1132.20	1134.11	1136.02	1137.94	1139.85	1141.76	1143.67	1145.59	1147.50	1149.41	1151.32	1153.24	1155.15

ILLINOIS STEEL COMPANY

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

Thickness, Inches	WIDTH, INCHES																		
	151 ³ / ₄	151 ¹ / ₂	152	152 ¹ / ₄	152 ¹ / ₂	152 ³ / ₄	153	153 ¹ / ₄	153 ¹ / ₂	153 ³ / ₄	154	154 ¹ / ₄	154 ¹ / ₂	154 ³ / ₄	155	155 ¹ / ₄	155 ¹ / ₂	155 ³ / ₄	156
¹ / ₁₆	160.97	161.23	161.50	161.77	162.03	162.30	162.56	162.83	163.09	163.36	163.62	163.89	164.16	164.42	164.69	164.95	165.22	165.48	165.75
¹ / ₈	193.16	193.48	193.80	194.12	194.44	194.76	195.07	195.39	195.71	196.03	196.35	196.67	196.99	197.31	197.62	197.94	198.26	198.58	198.90
³ / ₁₆	225.36	225.73	226.10	226.47	226.84	227.22	227.59	227.96	228.33	228.70	229.07	229.45	229.82	230.19	230.56	230.93	231.31	231.68	232.05
¹ / ₄	257.55	257.97	258.40	258.82	259.25	259.67	260.10	260.52	260.95	261.37	261.80	262.22	262.65	263.07	263.50	263.92	264.35	264.77	265.20
⁵ / ₁₆	289.74	290.22	290.70	291.18	291.66	292.13	292.61	293.09	293.57	294.05	294.52	295.00	295.48	295.96	296.44	296.92	297.39	297.87	298.35
³ / ₈	321.94	322.47	323.00	323.53	324.06	324.59	325.12	325.66	326.19	326.72	327.25	327.78	328.31	328.84	329.37	329.91	330.44	330.97	331.50
¹ / ₂	354.13	354.72	355.30	355.88	356.47	357.05	357.64	358.22	358.81	359.39	359.97	360.56	361.14	361.73	362.31	362.90	363.48	364.07	364.65
³ / ₄	386.32	386.96	387.60	388.24	388.87	389.51	390.15	390.79	391.42	392.06	392.70	393.34	393.97	394.61	395.25	395.89	396.52	397.16	397.80
⁷ / ₈	418.52	419.21	419.90	420.59	421.28	421.97	422.66	423.35	424.04	424.73	425.42	426.12	426.81	427.50	428.19	428.88	429.57	430.26	430.95
¹ / ₁	450.71	451.46	452.20	452.94	453.69	454.43	455.17	455.92	456.66	457.41	458.15	458.89	459.64	460.38	461.12	461.87	462.61	463.36	464.10
¹ / ₁	482.91	483.70	484.50	485.30	486.09	486.89	487.69	488.48	489.28	490.08	490.87	491.67	492.47	493.27	494.06	494.86	495.66	496.45	497.25
1	515.10	515.95	516.80	517.65	518.50	519.35	520.20	521.05	521.90	522.75	523.60	524.45	525.30	526.15	527.00	527.85	528.70	529.55	530.40
¹ / ₁₆	579.49	580.44	581.40	582.36	583.31	584.27	585.22	586.18	587.14	588.09	589.05	590.01	590.96	591.92	592.87	593.83	594.79	595.74	596.70
¹ / ₈	643.87	644.94	646.00	647.06	648.12	649.19	650.25	651.31	652.37	653.44	654.50	655.56	656.62	657.69	658.75	659.81	660.87	661.94	663.00
³ / ₁₆	708.26	709.43	710.60	711.77	712.94	714.11	715.27	716.44	717.61	718.78	719.95	721.12	722.29	723.46	724.62	725.79	726.96	728.13	729.30
¹ / ₄	772.65	773.92	775.20	776.47	777.75	779.02	780.30	781.57	782.85	784.12	785.40	786.67	787.95	789.22	790.50	791.77	793.05	794.32	795.60
⁵ / ₁₆	837.04	838.42	839.80	841.18	842.56	843.94	845.32	846.71	848.09	849.47	850.85	852.23	853.61	854.99	856.37	857.76	859.14	860.52	861.90
³ / ₈	901.42	902.91	904.40	905.89	907.37	908.86	910.35	911.84	913.32	914.81	916.30	917.79	919.27	920.76	922.25	923.74	925.22	926.71	928.20
¹ / ₂	965.81	967.41	969.00	970.59	972.19	973.78	975.37	976.97	978.56	980.16	981.75	983.34	984.94	986.53	988.12	989.72	991.31	992.91	994.50
2	1030.20	1031.90	1033.60	1035.30	1037.00	1038.70	1040.40	1042.10	1043.80	1045.50	1047.20	1048.90	1050.60	1052.30	1054.00	1055.70	1057.40	1059.10	1060.80
² / ₁	1094.59	1096.39	1098.20	1100.01	1101.81	1103.62	1105.42	1107.23	1109.04	1110.84	1112.65	1114.46	1116.26	1118.07	1119.87	1121.68	1123.49	1125.29	1127.10
² / ₁	1158.97	1160.89	1162.80	1164.71	1166.62	1168.54	1170.45	1172.36	1174.27	1176.19	1178.10	1180.01	1181.92	1183.84	1185.75	1187.66	1189.57	1191.49	1193.40

WEIGHTS OF FLAT ROLLED STEEL

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

Thickness, Inches	WIDTH, INCHES															
	156¼	156½	156¾	157	157¼	157½	157¾	158	158¼	158½	158¾	159	159¼	159½	159¾	160
¼	166.02	166.28	166.55	166.81	167.08	167.34	167.61	167.87	168.14	168.41	168.67	168.94	169.20	169.47	169.73	170.00
⅜	199.22	199.54	199.86	200.17	200.49	200.81	201.13	201.45	201.77	202.09	202.41	202.72	203.04	203.36	203.68	204.00
½	232.42	232.79	233.17	233.54	233.91	234.28	234.65	235.02	235.40	235.77	236.14	236.51	236.88	237.26	237.63	238.00
⅝	265.62	266.05	266.47	266.90	267.32	267.75	268.17	268.60	269.02	269.45	269.87	270.30	270.72	271.15	271.57	272.00
¾	298.83	299.31	299.78	300.26	300.74	301.22	301.70	302.17	302.65	303.13	303.61	304.09	304.57	305.04	305.52	306.00
⅞	332.03	332.56	333.09	333.62	334.16	334.69	335.22	335.75	336.28	336.81	337.34	337.87	338.41	338.94	339.47	340.00
1	365.23	365.82	366.40	366.99	367.57	368.16	368.74	369.32	369.91	370.49	371.08	371.66	372.25	372.83	373.42	374.00
1 ⅛	398.44	399.07	399.71	400.35	400.99	401.62	402.26	402.90	403.54	404.17	404.81	405.45	406.09	406.72	407.36	408.00
1 ¼	431.64	432.33	433.02	433.71	434.40	435.09	435.78	436.47	437.17	437.86	438.55	439.24	439.93	440.62	441.31	442.00
1 ⅝	464.84	465.59	466.33	467.07	467.82	468.56	469.31	470.05	470.79	471.54	472.28	473.02	473.77	474.51	475.26	476.00
1 ¾	498.05	498.84	499.64	500.44	501.23	502.03	502.83	503.62	504.42	505.22	506.02	506.81	507.61	508.41	509.20	510.00
2	531.25	532.10	532.95	533.80	534.65	535.50	536.35	537.20	538.05	538.90	539.75	540.60	541.45	542.30	543.15	544.00
2 ⅛	597.66	598.61	599.57	600.52	601.48	602.44	603.39	604.35	605.31	606.26	607.22	608.17	609.13	610.09	611.04	612.00
2 ¼	664.06	665.12	666.18	667.25	668.31	669.37	670.44	671.50	672.56	673.62	674.69	675.75	676.81	677.87	678.94	680.00
2 ⅝	730.47	731.64	732.81	733.97	735.14	736.31	737.48	738.65	739.82	740.99	742.16	743.32	744.49	745.66	746.83	748.00
2 ¾	796.87	798.15	799.42	800.70	801.97	803.25	804.52	805.80	807.07	808.35	809.62	810.90	812.17	813.45	814.72	816.00
3	863.28	864.66	866.04	867.42	868.81	870.19	871.57	872.95	874.33	875.71	877.09	878.47	879.86	881.24	882.62	884.00
3 ⅛	929.69	931.17	932.66	934.15	935.64	937.12	938.61	940.10	941.59	943.07	944.56	946.05	947.54	949.02	950.51	952.00
3 ¼	996.07	997.69	999.28	1000.87	1002.47	1004.06	1005.66	1007.25	1008.84	1010.44	1012.03	1013.62	1015.22	1016.81	1018.41	1020.00
3 ⅝	1062.50	1064.20	1065.90	1067.60	1069.30	1071.00	1072.70	1074.40	1076.10	1077.80	1079.50	1081.20	1082.90	1084.60	1086.30	1088.00
3 ¾	1128.91	1130.71	1132.52	1134.32	1136.13	1137.94	1139.74	1141.55	1143.36	1145.16	1146.97	1148.77	1150.58	1152.39	1154.19	1156.00
4	1195.31	1197.22	1199.14	1201.05	1202.96	1204.87	1206.79	1208.70	1210.61	1212.52	1214.44	1216.35	1218.26	1220.17	1222.09	1224.00

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL—CIRCLES—Pounds Each

Table V—Thicknesses from No. 12 Gauge to 1 Inch. Diameters from 16 Inches to 134 Inches

Thickness, B. W. G. and Inches		DIAMETER, 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	6.6	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	10.2	10.7	11.2	11.8	12.3	12.9	13.5	14.1	14.8	15.4	16.0	16.7	17.4	18.1	18.8	19.5
No. 10	7.6	8.1	8.6	9.1	9.7	10.2	10.8	11.4	11.9	12.5	13.2	13.8	14.4	15.1	15.8	16.5	17.2	17.9	18.6	19.4	20.2	21.0	21.7
No. 9	8.4	9.0	9.5	10.1	10.7	11.3	11.9	12.5	13.2	13.8	14.5	15.2	15.9	16.7	17.4	18.2	19.0	19.8	20.6	21.4	22.3	23.1	24.0
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	20.3	21.2	22.0	22.9	23.9	24.8	25.8	26.8
¾	7.1	7.6	8.0	8.5	9.0	9.5	10.0	10.6	11.1	11.7	12.3	12.9	13.5	14.1	14.7	15.4	16.0	16.7	17.4	18.1	18.8	19.5	20.3
⅝	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	22.1	23.0	24.0	25.1	26.1	27.1	28.2	29.3	30.4
⅞	14.2	15.2	16.1	17.0	18.0	19.0	20.1	21.2	22.3	23.4	24.5	25.7	26.9	28.2	29.4	30.7	32.0	33.4	34.8	36.2	37.6	39.1	40.6
1	17.8	18.9	20.1	21.3	22.5	23.8	25.1	26.4	27.8	29.2	30.7	32.2	33.7	35.2	36.8	38.4	40.1	41.7	43.5	45.3	47.0	48.8	50.7
1 1/8	21.4	22.7	24.1	25.6	27.0	28.6	30.1	31.7	33.4	35.1	36.8	38.6	40.4	42.3	44.1	46.1	48.1	50.1	52.2	54.3	56.4	58.6	60.8
1 1/4	24.9	26.5	28.1	29.8	31.5	33.3	35.1	37.0	38.9	40.9	42.9	45.0	47.1	49.3	51.5	53.8	56.1	58.4	60.8	63.3	65.8	68.4	71.0
1 1/2	28.5	30.3	32.2	34.1	36.0	38.1	40.2	42.3	44.5	46.8	49.1	51.4	53.9	56.3	58.9	61.5	64.1	66.8	69.6	72.4	75.2	78.1	81.1
1 3/4	32.0	34.1	36.2	38.3	40.6	42.8	45.2	47.6	50.1	52.6	55.2	57.9	60.6	63.3	66.2	69.1	72.1	75.1	78.2	81.4	84.6	87.9	91.3
1 7/8	35.6	37.9	40.2	42.6	45.1	47.6	50.2	52.9	55.6	58.5	61.3	64.3	67.3	70.4	73.6	76.8	80.1	83.5	86.9	90.4	94.0	97.7	101.4
2	39.2	41.7	44.2	46.9	49.6	52.4	55.2	58.2	61.2	64.3	67.5	70.7	74.0	77.5	80.9	84.5	88.1	91.8	95.6	99.5	103.4	107.4	111.5
2 1/8	42.7	45.4	48.2	51.1	54.1	57.1	60.2	63.5	66.8	70.1	73.6	77.2	80.8	84.5	88.3	92.2	96.1	100.2	104.3	108.5	112.8	117.2	121.7
2 1/4	27½	28	28½	29	29½	30	30½	31	31½	32	32½	33	33½	34	34½	35	36	37	38	39	40	41	42
No. 12	18.3	19.0	19.7	20.4	21.1	21.8	22.6	23.3	24.1	24.8	25.6	26.4	27.2	28.0	28.9	29.7	31.4	33.2	35.0	36.9	38.8	40.8	42.8
No. 11	20.2	20.9	21.7	22.5	23.2	24.0	24.8	25.7	26.5	27.3	28.2	29.1	29.9	30.9	31.5	32.7	34.6	36.6	38.6	40.6	42.7	44.9	47.1
No. 10	22.6	23.4	24.2	25.1	26.0	26.8	27.7	28.7	29.6	30.5	31.5	32.5	33.5	34.5	35.5	36.5	38.6	40.8	43.1	45.4	47.7	50.1	52.6
No. 9	24.9	25.8	26.8	27.7	28.7	29.6	30.6	31.6	32.7	33.7	34.8	35.9	37.0	38.1	39.2	40.3	42.7	45.1	47.6	50.1	52.7	55.4	58.1
No. 8	27.8	28.8	29.8	30.9	32.0	33.0	34.2	35.3	36.4	37.6	38.8	40.0	41.2	42.4	43.7	45.0	47.6	50.3	53.0	55.8	58.7	61.7	64.8
¾	21.0	21.8	22.6	23.4	24.2	25.0	25.9	26.7	27.6	28.5	29.4	30.3	31.2	32.2	33.1	34.1	35.0	38.1	40.2	42.3	44.5	46.8	49.1
⅝	31.6	33.2	33.9	35.1	36.3	37.6	38.8	40.1	41.4	42.7	44.1	45.4	46.8	48.2	49.7	51.1	52.1	57.1	60.2	63.5	66.9	70.1	73.6
⅞	42.1	43.6	45.2	46.8	48.4	50.1	51.8	53.5	55.2	57.0	58.8	60.6	62.4	64.3	66.2	68.1	74.1	76.2	80.3	84.6	89.0	93.5	98.1
1	52.6	54.5	56.5	58.5	60.5	62.6	64.7	66.8	69.0	71.2	73.5	75.7	78.0	80.4	82.8	85.2	90.1	95.2	100.4	105.8	111.3	116.9	122.7
1 1/8	63.1	65.4	67.8	70.2	72.6	75.1	77.6	80.2	82.8	85.5	88.1	90.9	93.7	96.5	99.3	102.2	108.1	114.2	120.5	126.9	133.5	140.3	147.2
1 1/4	73.6	76.3	79.1	81.9	84.7	87.6	90.6	93.6	96.6	99.7	102.8	106.0	109.3	112.5	115.9	119.3	126.2	133.3	140.6	148.1	155.8	163.7	171.7
1 1/2	84.1	87.2	90.4	93.6	96.8	100.1	103.5	106.9	110.4	113.9	117.5	121.2	124.9	128.6	132.4	136.3	144.2	152.3	160.7	169.2	178.0	187.0	196.3
1 3/4	94.7	98.1	101.7	105.3	108.9	112.7	116.4	120.3	124.2	128.2	132.2	136.3	140.5	144.7	148.9	153.3	162.2	171.4	180.7	190.4	200.3	210.4	220.8
1 7/8	105.2	109.0	113.0	117.0	121.0	125.2	129.4	133.7	138.0	142.4	146.9	151.5	156.1	160.8	165.5	170.4	180.2	190.4	200.8	211.5	222.5	233.8	245.3
2	115.7	119.9	124.3	128.7	133.1	137.7	142.3	147.0	151.8	156.7	161.6	166.6	171.7	176.9	182.1	187.4	198.3	209.4	220.9	232.7	244.8	257.2	269.9
2 1/8	126.2	130.8	135.6	140.4	145.2	150.2	155.3	160.4	165.6	170.9	176.3	181.8	187.3	192.9	198.7	204.4	216.3	228.5	241.0	253.9	267.0	280.6	294.4

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL—CIRCLES—Pounds Each

TABLE V—Concluded

Thickness,
Inches

DIAMETER, INCHES

	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
$\frac{1}{8}$	220.3	225.3	230.3	235.4	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
$\frac{1}{4}$	330.5	338.0	345.5	353.2	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
$\frac{3}{8}$	440.7	450.6	460.7	470.9	481.2	491.6	502.1	512.7	523.3	534.3	545.3	556.3	567.8	578.8	590.2	601.7	613.3	625.1	636.9	648.9	661.0	673.2	685.4
$\frac{1}{2}$	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
$\frac{5}{8}$	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	937.6	955.4	973.3	991.5	1009.7	1028.2
$\frac{3}{4}$	771.2	788.6	806.2	824.0	842.0	860.2	878.6	897.2	916.0	935.0	954.2	973.6	993.1	1012.9	1032.9	1053.0	1073.4	1093.9	1114.6	1135.6	1156.7	1178.0	1199.5
$\frac{7}{8}$	881.5	901.5	921.4	941.7	962.3	983.1	1004.2	1025.4	1046.9	1068.6	1090.5	1112.6	1135.0	1157.6	1180.4	1203.3	1226.7	1250.2	1273.9	1297.8	1321.9	1346.3	1370.9
$1\frac{1}{8}$	991.5	1013.9	1036.6	1059.5	1082.6	1106.1	1129.7	1153.6	1177.8	1202.2	1226.8	1251.7	1276.9	1302.3	1328.0	1353.4	1380.0	1406.4	1433.1	1460.0	1487.2	1514.6	1542.3
$1\frac{1}{4}$	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	1592.2	1622.0	1652.4	1682.9	1713.6
$1\frac{3}{8}$	1211.8	1239.2	1266.9	1294.9	1323.3	1351.8	1380.7	1409.9	1439.5	1469.3	1499.4	1529.9	1560.6	1591.7	1623.1	1654.7	1686.7	1719.0	1751.6	1784.5	1817.7	1851.1	1885.0
$1\frac{1}{2}$	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	2019.1	2055.6
$1\frac{3}{4}$	1432.2	1464.5	1497.2	1530.3	1563.9	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
$1\frac{7}{8}$	1542.3	1577.2	1612.4	1648.1	1684.1	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	2313.4	2356.0	2399.1
$1\frac{1}{2}$	1652.5	1699.8	1727.6	1765.8	1804.4	1843.4	1882.8	1922.7	1962.9	2003.6	2044.7	2086.2	2128.1	2170.5	2213.3	2256.4	2300.0	2344.1	2388.5	2433.4	2478.6	2524.3	2570.4
$1\frac{1}{4}$	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
1	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
$\frac{1}{4}$	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
$\frac{3}{8}$	672.3	688.0	703.7	719.7	735.7	751.6	767.6	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
$\frac{1}{2}$	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	1345.5	1367.2	1388.7	1410.3	1432.1	1454.0	1476.1	1498.4
$\frac{5}{8}$	1221.2	1243.1	1265.2	1287.5	1310.0	1332.7	1355.6	1378.7	1401.9	1425.4	1449.1	1472.9	1497.0	1521.2	1545.6	1570.3	1595.1	1620.1	1645.3	1670.7	1696.3	1722.1	1748.1
$\frac{3}{4}$	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
$\frac{7}{8}$	1570.2	1598.3	1626.7	1655.4	1684.3	1713.5	1742.9	1772.6	1802.5	1832.7	1863.1	1893.7	1924.4	1955.8	1987.2	2018.9	2050.8	2083.0	2115.4	2148.1	2181.0	2214.1	2247.6
$1\frac{1}{8}$	1744.6	1775.9	1807.3	1839.3	1871.5	1903.9	1936.6	1969.5	2002.8	2036.3	2070.1	2104.2	2138.5	2173.1	2208.0	2243.3	2278.7	2314.4	2350.5	2386.8	2423.3	2460.2	2497.3
$1\frac{1}{4}$	1919.1	1953.5	1988.2	2023.3	2058.6	2094.3	2130.2	2166.5	2203.0	2239.9	2277.1	2314.6	2352.4	2390.5	2428.9	2467.7	2506.6	2545.9	2585.6	2625.4	2665.3	2705.6	2746.1
$1\frac{3}{8}$	2093.6	2131.1	2169.0	2207.2	2245.8	2284.7	2323.9	2363.4	2403.3	2443.5	2484.1	2525.0	2566.2	2607.8	2649.9	2692.5	2735.4	2778.7	2822.0	2865.8	2909.6	2954.0	2998.6
$1\frac{1}{2}$	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	2825.2	2870.5	2916.2	2962.3	3008.8	3055.6	3102.8	3150.3	3198.3	3246.5
$1\frac{3}{4}$	2442.5	2486.3	2530.5	2575.1	2620.1	2665.4	2711.2	2757.3	2803.9	2850.8	2898.1	2945.8	2993.9	3042.4	3091.3	3140.5	3190.2	3240.2	3290.7	3341.5	3392.7	3444.3	3496.3
$1\frac{7}{8}$	2616.9	2663.9	2711.2	2759.0	2807.2	2855.8	2904.8	2954.3	3004.1	3054.1	3105.1	3156.2	3207.8	3259.9	3312.1	3364.9	3418.1	3471.7	3525.7	3580.2	3635.0	3690.2	3746.0
$1\frac{1}{2}$	2791.4	2841.5	2892.0	2943.0	2994.4	3046.2	3098.5	3151.2	3204.4	3258.1	3312.1	3366.3	3421.6	3477.0	3532.9	3589.3	3645.9	3703.1	3760.7	3818.8	3877.7	3936.3	3995.7

Thick-
ness

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

Face Measure, Inches	Thickness, B. W. G. and Inches																				
	No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1					
2 1/2	.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
2 3/4	.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
2 7/8	.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
3	.980	1.126	1.241	1.388	1.536	1.715	1.294	1.954	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
3 1/8				1.445	1.599	1.785	1.347	2.034	2.730	3.436	4.151	4.876	5.610	6.399	7.105	7.811	8.518	9.352	10.067	10.783	11.498
3 1/4				1.502	1.661	1.856	1.400	2.114	2.837	3.566	4.311	5.062	5.822	6.638	7.370	8.103	8.837	9.697	10.439	11.181	11.923
3 3/8				1.559	1.724	1.926	1.453	2.193	2.943	3.702	4.470	5.248	6.035	6.877	7.636	8.396	9.156	10.043	10.811	11.579	12.348
3 1/2				1.616	1.787	1.996	1.506	2.273	3.049	3.835	4.630	5.434	6.247	7.116	7.942	8.688	9.444	10.368	11.183	11.978	12.773
3 3/4								2.353	3.155	3.968	4.789	5.620	6.460	7.355	8.167	8.980	9.793	10.733	11.555	12.377	13.198
3 7/8								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
4								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
4 1/8								2.592	3.474	4.366	5.267	6.177	7.097	8.072	8.964	9.857	10.749	11.769	12.670	13.572	14.473
4 1/4									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
4 3/8									3.697	4.632	5.586	6.549	7.522	8.550	9.495	10.441	11.387	12.460	13.414	14.369	15.323
4 1/2									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
4 3/4									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
4 7/8									4.005	5.030	6.064	7.107	8.160	9.267	10.282	11.318	12.343	13.496	14.530	15.564	16.598
5									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
5 1/8									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
5 1/4									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
5 3/8									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
5 1/2									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
5 3/4									4.643	5.827	7.020	8.223	9.435	10.702	11.886	13.071	14.256	15.568	16.761	17.956	19.148
5 7/8									4.749	5.960	7.180	8.409	9.647	10.941	12.152	13.363	14.574	15.913	17.103	18.353	19.573
6									4.855	6.093	7.339	8.596	9.860	11.180	12.417	13.655	14.893	16.258	17.505	18.752	19.998
5 3/4									4.962	6.225	7.498	8.791	10.119	11.419	12.683	13.947	15.211	16.604	17.870	19.150	20.423
5 7/8									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
6									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	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1
.0475	.0545	.0600	.0670	.0740	.0825	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1

Increment, Inches

WEIGHTS OF ROUND EDGE FLATS

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

Over-all Measure, Inches	Thickness, B. W. G. and Inches																	
	No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	
1/8	.117	.133	.146	.162	.177	.196	.221	.287	.348	.406	.460	.518	.578	.640	.704	.770	.838	.908
1/8	.137	.156	.171	.190	.209	.232	.261	.340	.415	.496	.584	.674	.766	.860	.956	.1054	.1154	.1256
1/8	.157	.179	.197	.219	.240	.267	.301	.393	.481	.566	.646	.722	.804	.888	.974	.1062	.1152	.1244
1/8	.177	.202	.222	.247	.272	.302	.341	.446	.548	.645	.739	.828	.914	.1000	.1088	.1178	.1268	.1360
1/8	.197	.226	.248	.276	.305	.337	.380	.499	.614	.725	.832	.935	1.020	1.100	1.180	1.260	1.340	1.420
1/8	.217	.249	.273	.304	.335	.372	.420	.552	.680	.805	1.041	1.139	1.261	1.383	1.505	1.628	1.750	1.872
3/4	.238	.272	.299	.333	.366	.407	.460	.605	.747	.884	1.018	1.147	1.269	1.394	1.529	1.665	1.800	1.936
3/4	.258	.295	.324	.361	.398	.442	.500	.659	.813	.964	1.111	1.253	1.378	1.527	1.675	1.824	1.928	2.000
3/4	.278	.318	.350	.389	.429	.477	.540	.712	.880	1.044	1.204	1.360	1.498	1.659	1.821	1.984	2.100	2.258
3/4	.298	.341	.375	.418	.461	.512	.580	.765	.946	1.123	1.297	1.466	1.617	1.792	1.968	2.143	2.273	2.446
3/4	.318	.365	.401	.446	.492	.547	.620	.818	1.013	1.203	1.390	1.572	1.737	1.925	2.114	2.302	2.446	2.630
3/4	.339	.388	.426	.475	.523	.582	.659	.871	1.079	1.283	1.483	1.678	1.856	2.058	2.260	2.462	2.618	2.811
3/4	.359	.411	.452	.503	.555	.617	.699	.924	1.145	1.362	1.575	1.785	1.976	2.191	2.406	2.621	2.791	3.002
3/4	.379	.434	.477	.532	.586	.652	.739	.977	1.212	1.442	1.668	1.891	2.096	2.324	2.552	2.781	2.964	3.188
3/4	.399	.457	.503	.560	.618	.687	.779	1.030	1.278	1.522	1.761	1.997	2.215	2.435	2.658	2.940	3.136	3.373
3/4	.419	.480	.528	.589	.649	.722	.819	1.084	1.345	1.601	1.854	2.103	2.335	2.589	2.844	3.099	3.309	3.559
3/4	.440	.503	.554	.617	.681	.757	.859	1.137	1.411	1.681	1.947	2.210	2.454	2.722	2.990	3.259	3.482	3.745
3/4	.460	.527	.579	.646	.714	.793	.898	1.190	1.477	1.761	2.040	2.316	2.574	2.855	3.136	3.418	3.654	3.931
3/4	.480	.550	.605	.674	.744	.828	.938	1.243	1.544	1.841	2.133	2.422	2.693	2.988	3.282	3.577	3.827	4.117
3/4	.500	.573	.630	.703	.775	.863	.978	1.296	1.616	1.920	2.226	2.528	2.813	3.120	3.428	3.737	4.000	4.303
3/4	.520	.596	.656	.731	.806	.898	1.018	1.349	1.677	2.000	2.319	2.635	2.932	3.253	3.575	3.896	4.172	4.489
3/4	.540	.619	.681	.760	.838	.933	.709	1.058	1.402	1.743	2.080	2.412	2.741	3.052	3.386	3.721	4.056	4.345
3/4	.561	.642	.707	.788	.869	.968	.736	1.098	1.455	1.809	2.159	2.505	2.847	3.171	3.519	3.867	4.215	4.518
3/4	.581	.666	.732	.817	.901	1.003	.762	1.137	1.509	1.876	2.239	2.598	2.953	3.291	3.652	4.013	4.374	4.690
3/4	.601	.689	.758	.845	.932	1.038	.789	1.177	1.562	1.942	2.319	2.691	3.060	3.410	3.784	4.159	4.534	4.863
3/4	.621	.712	.783	.874	.964	1.073	.815	1.217	1.615	2.009	2.398	2.784	3.166	3.530	3.917	4.305	4.693	5.036
3/4	.641	.735	.809	.902	.995	1.108	.842	1.257	1.668	2.075	2.478	2.870	3.272	3.679	4.050	4.451	4.852	5.208
3/4	.662	.758	.834	.930	1.027	1.143	.869	1.297	1.721	2.141	2.558	2.970	3.378	3.769	4.183	4.597	5.012	5.381
3/4	.682	.781	.860	.959	1.058	1.178	.895	1.337	1.774	2.208	2.637	3.063	3.485	3.888	4.316	4.743	5.171	5.554
3/4	.702	.805	.885	.987	1.090	1.213	.922	1.377	1.827	2.274	2.717	3.156	3.591	4.008	4.489	4.889	5.331	5.726
3/4	.722	.828	.911	1.016	1.121	1.248	.948	1.416	1.880	2.341	2.797	3.249	3.697	4.128	4.541	4.895	5.295	5.699
3/4	.742	.851	.936	1.044	1.152	1.283	.975	1.456	1.934	2.407	2.876	3.342	3.803	4.247	4.714	5.182	5.649	6.022
3/4	.763	.874	.962	1.073	1.184	1.318	1.001	1.496	1.987	2.473	2.956	3.435	3.910	4.367	4.847	5.328	5.809	6.244
3/4	.783	.897	.987	1.101	1.215	1.354	1.028	1.536	2.040	2.540	3.036	3.528	4.016	4.496	4.980	5.474	5.968	6.417
3/4	.803	.920	1.013	1.130	1.247	1.389	1.054	1.576	2.093	2.606	3.116	3.621	4.122	4.606	5.113	5.620	6.127	6.590

ILLINOIS STEEL COMPANY

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

Over-all Measure, Inches		Thickness, B. W. G. and Inches																	
		No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	3/8	1/2	5/8	3/4	7/8	1						
2 5/8	.843	.967	1.064	1.108	1.155	1.199	2.199	2.739	3.275	3.807	4.335	4.845	5.378	5.912	6.446	6.995	7.464	7.904	8.323
2 3/4	.884	1.013	1.115	1.161	1.205	1.249	2.305	2.872	3.434	3.993	4.547	5.084	5.644	6.204	6.765	7.280	7.836	8.332	8.948
2 1/8	.924	1.059	1.166	1.214	1.261	1.305	2.412	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	1.267	1.315	1.361	2.518	3.138	3.753	4.365	4.972	5.562	6.175	6.789	7.402	7.971	8.580	9.189	9.798
3 1/8	.....	.....	.....	.....	.....	.....	2.624	3.270	3.912	4.551	5.185	5.801	6.441	7.081	7.721	8.316	8.952	9.587	10.223
3 1/4	.....	.....	.....	.....	.....	.....	2.730	3.403	4.072	4.736	5.391	6.029	6.706	7.373	8.040	8.661	9.323	9.986	10.648
3 3/8	.....	.....	.....	.....	.....	.....	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 1/2	.....	.....	.....	.....	.....	.....	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 3/4	.....	.....	.....	.....	.....	.....	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
4	.....	.....	.....	.....	.....	.....	3.155	3.934	4.709	5.480	6.247	6.996	7.769	8.542	9.315	10.043	10.811	11.580	12.348
4 1/8	.....	.....	.....	.....	.....	.....	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
4 1/4	.....	.....	.....	.....	.....	.....	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
4 1/2	.....	.....	.....	.....	.....	.....	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
4 3/8	.....	.....	.....	.....	.....	.....	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
4 1/2	.....	.....	.....	.....	.....	.....	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
4 3/4	.....	.....	.....	.....	.....	.....	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
4 5/8	.....	.....	.....	.....	.....	.....	3.899	4.864	5.825	6.782	7.735	8.670	9.628	10.587	11.546	12.460	13.414	14.369	15.323
4 7/8	.....	.....	.....	.....	.....	.....	4.005	4.997	5.984	6.968	7.947	8.909	9.894	10.879	11.865	12.805	13.786	14.767	15.748
5	.....	.....	.....	.....	.....	.....	4.112	5.130	6.144	7.154	8.160	9.148	10.159	11.171	12.184	13.150	14.158	15.166	16.173
5 1/8	.....	.....	.....	.....	.....	.....	4.218	5.263	6.303	7.340	8.372	9.387	10.425	11.464	12.502	13.496	14.530	15.564	16.598
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
5 1/2	.....	.....	.....	.....	.....	.....	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
5 3/8	.....	.....	.....	.....	.....	.....	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
5 1/2	.....	.....	.....	.....	.....	.....	4.643	5.794	6.941	8.083	9.210	10.343	11.488	12.632	13.777	14.877	16.017	17.158	18.298
5 3/4	.....	.....	.....	.....	.....	.....	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
5 5/8	.....	.....	.....	.....	.....	.....	4.855	6.059	7.259	8.455	9.647	10.821	12.019	13.217	14.415	15.556	16.761	17.955	19.148
5 3/4	.....	.....	.....	.....	.....	.....	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
6	.....	.....	.....	.....	.....	.....	5.068	6.325	7.578	8.827	10.072	11.299	12.550	13.801	15.052	16.258	17.506	18.752	19.998

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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.0475	.0545	.0600	.0670	.0740	.0825	.0910	.1000	.1090	.1180	.1270	.1360	.1450	.1540	.1630	.1720	.1810	.1900	.1990	.2080	.2170	.2260	.2350	.2440	.2530	.2620	.2710	.2800	.2890	.2980	.3070	.3160	.3250	.3340	.3430	.3520	.3610	.3700	.3790	.3880	.3970	.4060	.4150	.4240	.4330	.4420	.4510	.4600	.4690	.4780	.4870	.4960	.5050	.5140	.5230	.5320	.5410	.5500	.5590	.5680	.5770	.5860	.5950	.6040	.6130	.6220	.6310	.6400	.6490	.6580	.6670	.6760	.6850	.6940	.7030	.7120	.7210	.7300	.7390	.7480	.7570	.7660	.7750	.7840	.7930	.8020	.8110	.8200	.8290	.8380	.8470	.8560	.8650	.8740	.8830	.8920	.9010	.9100	.9190	.9280	.9370	.9460	.9550	.9640	.9730	.9820	.9910	1.0000	1.0090	1.0180	1.0270	1.0360	1.0450	1.0540	1.0630	1.0720	1.0810	1.0900	1.0990	1.1080	1.1170	1.1260	1.1350	1.1440	1.1530	1.1620	1.1710	1.1800	1.1890	1.1980	1.2070	1.2160	1.2250	1.2340	1.2430	1.2520	1.2610	1.2700	1.2790	1.2880	1.2970	1.3060	1.3150	1.3240	1.3330	1.3420	1.3510	1.3600	1.3690	1.3780	1.3870	1.3960	1.4050	1.4140	1.4230	1.4320	1.4410	1.4500	1.4590	1.4680	1.4770	1.4860	1.4950	1.5040	1.5130	1.5220	1.5310	1.5400	1.5490	1.5580	1.5670	1.5760	1.5850	1.5940	1.6030	1.6120	1.6210	1.6300	1.6390	1.6480	1.6570	1.6660	1.6750	1.6840	1.6930	1.7020	1.7110	1.7200	1.7290	1.7380	1.7470	1.7560	1.7650	1.7740	1.7830	1.7920	1.8010	1.8100	1.8190	1.8280	1.8370	1.8460	1.8550	1.8640	1.8730	1.8820	1.8910	1.9000	1.9090	1.9180	1.9270	1.9360	1.9450	1.9540	1.9630	1.9720	1.9810	1.9900	1.9990	2.0080	2.0170	2.0260	2.0350	2.0440	2.0530	2.0620	2.0710	2.0800	2.0890	2.0980	2.1070	2.1160	2.1250	2.1340	2.1430	2.1520	2.1610	2.1700	2.1790	2.1880	2.1970	2.2060	2.2150	2.2240	2.2330	2.2420	2.2510	2.2600	2.2690	2.2780	2.2870	2.2960	2.3050	2.3140	2.3230	2.3320	2.3410	2.3500	2.3590	2.3680	2.3770	2.3860	2.3950	2.4040	2.4130	2.4220	2.4310	2.4400	2.4490	2.4580	2.4670	2.4760	2.4850	2.4940	2.5030	2.5120	2.5210	2.5300	2.5390	2.5480	2.5570	2.5660	2.5750	2.5840	2.5930	2.6020	2.6110	2.6200	2.6290	2.6380	2.6470	2.6560	2.6650	2.6740	2.6830	2.6920	2.7010	2.7100	2.7190	2.7280	2.7370	2.7460	2.7550	2.7640	2.7730	2.7820	2.7910	2.8000	2.8090	2.8180	2.8270	2.8360	2.8450	2.8540	2.8630	2.8720	2.8810	2.8900	2.8990	2.9080	2.9170	2.9260	2.9350	2.9440	2.9530	2.9620	2.9710	2.9800	2.9890	2.9980	3.0070	3.0160	3.0250	3.0340	3.0430	3.0520	3.0610	3.0700	3.0790	3.0880	3.0970	3.1060	3.1150	3.1240	3.1330	3.1420	3.1510	3.1600	3.1690	3.1780	3.1870	3.1960	3.2050	3.2140	3.2230	3.2320	3.2410	3.2500	3.2590	3.2680	3.2770	3.2860	3.2950	3.3040	3.3130	3.3220	3.3310	3.3400	3.3490	3.3580	3.3670	3.3760	3.3850	3.3940	3.4030	3.4120	3.4210	3.4300	3.4390	3.4480	3.4570	3.4660	3.4750	3.4840	3.4930	3.5020	3.5110	3.5200	3.5290	3.5380	3.5470	3.5560	3.5650	3.5740	3.5830	3.5920	3.6010	3.6100	3.6190	3.6280	3.6370	3.6460	3.6550	3.6640	3.6730	3.6820	3.6910	3.7000	3.7090	3.7180	3.7270	3.7360	3.7450	3.7540	3.7630	3.7720	3.7810	3.7900	3.7990	3.8080	3.8170	3.8260	3.8350	3.8440	3.8530	3.8620	3.8710	3.8800	3.8890	3.8980	3.9070	3.9160	3.9250	3.9340	3.9430	3.9520	3.9610	3.9700	3.9790	3.9880	3.9970	4.0060	4.0150	4.0240	4.0330	4.0420	4.0510	4.0600	4.0690	4.0780	4.0870	4.0960	4.1050	4.1140	4.1230	4.1320	4.1410	4.1500	4.1590	4.1680	4.1770	4.1860	4.1950	4.2040	4.2130	4.2220	4.2310	4.2400	4.2490	4.2580	4.2670	4.2760	4.2850	4.2940	4.3030	4.3120	4.3210	4.3300	4.3390	4.3480	4.3570	4.3660	4.3750	4.3840	4.3930	4.4020	4.4110	4.4200	4.4290	4.4380	4.4470	4.4560	4.4650	4.4740	4.4830	4.4920	4.5010	4.5100	4.5190	4.5280	4.5370	4.5460	4.5550	4.5640	4.5730	4.5820	4.5910	4.6000	4.6090	4.6180	4.6270	4.6360	4.6450	4.6540	4.6630	4.6720	4.6810	4.6900	4.6990	4.7080	4.7170	4.7260	4.7350	4.7440	4.7530	4.7620	4.7710	4.7800	4.7890	4.7980	4.8070	4.8160	4.8250	4.8340	4.8430	4.8520	4.8610	4.8700	4.8790	4.8880	4.8970	4.9060	4.9150	4.9240	4.9330	4.9420	4.9510	4.9600	4.9690	4.9780	4.9870	4.9960	5.0050	5.0140	5.0230	5.0320	5.0410	5.0500	5.0590	5.0680	5.0770	5.0860	5.0950	5.1040	5.1130	5.1220	5.1310	5.1400	5.1490	5.1580	5.1670	5.1760	5.1850	5.1940	5.2030	5.2120	5.2210	5.2300	5.2390	5.2480	5.2570	5.2660	5.2750	5.2840	5.2930	5.3020	5.3110	5.3200	5.3290	5.3380	5.3470	5.3560	5.3650	5.3740	5.3830	5.3920	5.4010	5.4100	5.4190	5.4280	5.4370	5.4460	5.4550	5.4640	5.4730	5.4820	5.4910	5.5000	5.5090	5.5180	5.5270

UNIVERSITY OF MICHIGAN LIBRARY
ANN ARBOR, MICHIGAN
SERIALS ACQUISITION

ISSUE INFORMATION		ACQUISITION INFORMATION		SERIALS INFORMATION		CANCELLATION INFORMATION		OTHER INFORMATION	
ISSUE NO.	ISSUE DATE	ISSUE PRICE	ISSUE TOTAL	ISSUE TYPE	ISSUE STATUS	ISSUE CANCEL	ISSUE REASON	ISSUE COMMENTS	ISSUE ACTION
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ILLINOIS STEEL COMPANY

SQUARE AND ROUND BARS

TABLE VIII
WEIGHTS AND AREAS

Size, Inches	Weight per Foot, Pounds		Area, Sq. Inches		Size, Inches	Weight per Foot, Pounds		Area, Sq. Inches	
	□	○	□	○		□	○	□	○
.....					1/8	1.9930	1.5653	.5862	.4604
.....					3/16	2.0752	1.6299	.6103	.4794
.....					1/4	2.1590	1.6957	.6350	.4987
.....					5/16	2.2445	1.7629	.6602	.5185
.....					3/8	2.3317	1.8313	.6858	.5386
.....					7/16	2.4205	1.9011	.7119	.5591
.....					1/2	2.5110	1.9721	.7385	.5800
1/8	.0531	.0417	.0156	.0123	5/8	2.6031	2.0445	.7656	.6013
3/16	.0672	.0528	.0198	.0155	3/4	2.6969	2.1182	.7932	.6230
1/4	.0830	.0652	.0244	.0192	7/8	2.7924	2.1931	.8213	.6450
5/16	.1004	.0789	.0295	.0232	1	2.8895	2.2694	.8498	.6675
3/8	.1195	.0939	.0352	.0276	1 1/8	2.9833	2.3470	.8789	.6903
1/2	.1403	.1102	.0413	.0324	1 1/4	3.0887	2.4259	.9084	.7135
5/8	.1627	.1278	.0479	.0376	1 3/8	3.1908	2.5061	.9385	.7371
3/4	.1868	.1467	.0549	.0431	1 1/2	3.2946	2.5876	.9690	.7610
7/8	.2125	.1669	.0625	.0491	1 3/4	3.4000	2.6704	1.0000	.7854
1	.2399	.1884	.0706	.0554	1 5/8	3.616	2.8399	1.0635	.8353
1 1/8	.2689	.2112	.0791	.0621	1 3/4	3.838	3.0146	1.1289	.8866
1 1/4	.2997	.2354	.0881	.0692	1 5/8	4.067	3.1945	1.1963	.9396
1 3/8	.3320	.2608	.0977	.0767	1 3/4	4.303	3.3797	1.2656	.9940
1 1/2	.3661	.2875	.1077	.0846	1 5/4	4.546	3.5700	1.3369	1.0500
1 3/4	.4018	.3155	.1182	.0928	1 5/8	4.795	3.7656	1.4102	1.1075
1 5/8	.4391	.3449	.1292	.1014	1 3/2	5.050	3.9664	1.4853	1.1666
1 3/4	.4781	.3755	.1406	.1104	1 1/2	5.313	4.1724	1.5625	1.2272
1 5/8	.5188	.4075	.1526	.1198	1 1/4	5.581	4.3836	1.6416	1.2893
1 1/2	.5611	.4407	.1650	.1296	1 1/8	5.857	4.6001	1.7227	1.3530
1 1/4	.6051	.4753	.1780	.1398	1 1/4	6.139	4.8218	1.8057	1.4182
1 1/2	.6508	.5111	.1914	.1503	1 3/8	6.428	5.0486	1.8906	1.4849
1 3/4	.6981	.5483	.2053	.1613	1 1/2	6.724	5.2807	1.9775	1.5531
1 5/8	.7491	.5867	.2197	.1726	1 1/4	7.026	5.5180	2.0664	1.6230
1 1/2	.7977	.6265	.2346	.1843	1 1/8	7.335	5.7606	2.1572	1.6943
1 1/4	.8500	.6676	.2500	.1963	1 1/2	7.650	6.0083	2.2500	1.7671
1 3/4	.9040	.7100	.2659	.2088	1 1/4	7.972	6.2612	2.3447	1.8415
1 5/8	.9596	.7536	.2822	.2217	1 1/8	8.301	6.5194	2.4414	1.9175
1 1/2	1.0168	.7986	.2991	.2349	1 1/4	8.636	6.7828	2.5400	1.9949
1 1/4	1.0758	.8449	.3164	.2485	1 3/8	8.978	7.0514	2.6406	2.0739
1 3/4	1.1364	.8925	.3342	.2625	1 1/2	9.327	7.3252	2.7431	2.1545
1 5/8	1.1986	.9414	.3525	.2769	1 1/4	9.682	7.6043	2.8477	2.2365
1 1/2	1.2625	.9916	.3713	.2916	1 1/8	10.044	7.8885	2.9541	2.3201
1 1/4	1.3281	1.0431	.3906	.3068	1 3/4	10.413	8.1780	3.0625	2.4053
1 3/4	1.3954	1.0959	.4104	.3223	1 1/2	10.788	8.4726	3.1717	2.4911
1 5/8	1.4643	1.1500	.4307	.3382	1 1/4	11.170	8.7725	3.2852	2.5802
1 1/2	1.5348	1.2054	.4514	.3545	1 1/8	11.558	9.0776	3.3994	2.6699
1 1/4	1.6070	1.2622	.4727	.3712	1 3/8	11.953	9.3880	3.5156	2.7612
1 3/4	1.6809	1.3202	.4944	.3883	1 1/2	12.355	9.7035	3.6338	2.8540
1 5/8	1.7564	1.3795	.5166	.4057	1 1/4	12.763	10.0243	3.7539	2.9483
1 1/2	1.8336	1.4401	.5393	.4236	1 1/8	13.178	10.3502	3.8760	3.0442
1 1/4	1.9125	1.5021	.5625	.4418	1 3/4	13.600	10.6814	4.0000	3.1416

WEIGHTS AND AREAS BARS

SQUARE AND ROUND BARS

TABLE VIII—Continued

WEIGHTS AND AREAS

Size, Inches	Weight per Foot, Pounds		Area, Sq. Inches		Size, Inches	Weight per Foot, Pounds		Area, Sq. Inches	
	□	○	□	○		□	○	□	○
2 ¹ / ₈	14.028	11.0178	4.1259	3.2405	3 ¹ / ₈	43.151	33.891	12.691	9.9678
2 ¹ / ₄	14.463	11.3595	4.2539	3.3410	3 ³ / ₈	44.678	35.090	13.141	10.321
2 ³ / ₈	14.905	11.7063	4.3838	3.4430	3 ¹ / ₂	46.232	36.311	13.598	10.680
2 ¹ / ₂	15.353	12.0583	4.5156	3.5466	3 ³ / ₄	47.813	37.552	14.063	11.045
2 ⁵ / ₈	15.808	12.4156	4.6494	3.6516	3 ⁷ / ₈	49.420	38.814	14.535	11.416
2 ³ / ₄	16.270	12.7781	4.7852	3.7583	3 ¹ / ₂	51.053	40.097	15.016	11.793
2 ⁷ / ₈	16.738	13.1458	4.9228	3.8664	3 ¹ / ₂	52.713	41.401	15.504	12.177
2 ¹ / ₂	17.213	13.5187	5.0625	3.9761	4	54.400	42.726	16.000	12.566
2 ⁹ / ₈	17.694	13.8968	5.2041	4.0873	4 ¹ / ₈	56.113	44.071	16.504	12.962
2 ⁵ / ₄	18.182	14.2802	5.3477	4.2000	4 ¹ / ₄	57.853	45.438	17.016	13.364
2 ³ / ₂	18.677	14.6687	5.5044	4.3231	4 ³ / ₈	59.620	46.825	17.535	13.772
2 ¹ / ₂	19.178	15.0625	5.6406	4.4301	4 ¹ / ₂	61.413	48.233	18.063	14.186
2 ¹ / ₂	19.686	15.4615	5.7900	4.5474	4 ⁵ / ₈	63.232	49.662	18.598	14.607
2 ¹ / ₂	20.201	15.8657	5.9414	4.6664	4 ³ / ₄	65.078	51.112	19.141	15.033
2 ¹ / ₂	20.722	16.2751	6.0947	4.7868	4 ⁷ / ₈	66.951	52.583	19.691	15.466
2 ¹ / ₂	21.250	16.6898	6.2500	4.9087	4 ¹ / ₂	68.850	54.075	20.250	15.904
2 ¹ / ₂	21.785	17.1096	6.4072	5.0322	4 ¹ / ₂	70.776	55.587	20.816	16.349
2 ¹ / ₂	22.326	17.5346	6.5664	5.1573	4 ⁵ / ₈	72.728	57.112	21.391	16.800
2 ¹ / ₂	22.874	17.9650	6.7275	5.2838	4 ¹ / ₂	74.707	58.675	21.973	17.257
2 ¹ / ₂	23.428	18.4004	6.8906	5.4119	4 ³ / ₄	76.713	60.250	22.563	17.721
2 ¹ / ₂	23.989	18.8410	7.0557	5.5415	4 ¹ / ₂	78.745	61.846	23.160	18.190
2 ¹ / ₂	24.557	19.2870	7.2227	5.6727	4 ⁷ / ₈	80.803	63.463	23.766	18.665
2 ¹ / ₂	25.131	19.7382	7.4331	5.8379	4 ¹ / ₂	82.888	65.100	24.379	19.147
2 ¹ / ₂	25.713	20.1946	7.5625	5.9396	5	85.000	66.759	25.000	19.635
2 ¹ / ₂	26.300	20.656	7.7122	6.0571	5 ¹ / ₈	87.138	68.438	25.629	20.129
2 ¹ / ₂	26.895	21.123	7.9102	6.2126	5 ¹ / ₄	89.303	70.139	26.266	20.629
2 ¹ / ₂	27.496	21.595	8.0369	6.3514	5 ³ / ₈	91.495	71.860	26.910	21.135
2 ¹ / ₂	28.103	22.072	8.2656	6.4918	5 ¹ / ₂	93.713	73.602	27.563	21.648
2 ¹ / ₂	28.717	22.555	8.4463	6.6337	5 ⁵ / ₈	95.957	75.364	28.223	22.166
2 ¹ / ₂	29.338	23.042	8.6289	6.7771	5 ³ / ₄	98.228	77.148	28.891	22.691
2 ¹ / ₂	29.966	23.535	8.8134	6.9220	5 ⁷ / ₈	100.526	78.953	29.566	23.221
3	30.600	24.033	9.0000	7.0686	5 ¹ / ₂	102.850	80.778	30.250	23.758
3 ¹ / ₈	31.241	24.537	9.1885	7.2166	5 ⁵ / ₈	105.20	82.62	30.941	24.301
3 ¹ / ₄	31.888	25.045	9.3789	7.3662	5 ³ / ₄	107.58	84.49	31.641	24.851
3 ³ / ₈	32.542	25.559	9.5713	7.5172	5 ¹ / ₂	109.98	86.38	32.348	25.406
3 ¹ / ₂	33.203	26.078	9.7656	7.6699	5 ³ / ₄	112.41	88.29	33.063	25.967
3 ⁵ / ₈	33.871	26.602	9.9619	7.8240	5 ¹ / ₂	114.87	90.22	33.785	26.535
3 ³ / ₄	34.545	27.131	10.160	7.9798	5 ⁷ / ₈	117.35	92.17	34.516	27.109
3 ⁷ / ₈	35.225	27.666	10.360	8.1370	5 ¹ / ₂	119.86	94.14	35.254	27.688
3 ¹ / ₂	35.913	28.206	10.563	8.2958	6	122.40	96.13	36.000	28.274
3 ⁹ / ₈	36.606	28.751	10.769	8.4576	6 ¹ / ₈	124.96	98.15	36.754	28.867
3 ⁵ / ₄	37.307	29.301	10.973	8.6179	6 ¹ / ₄	127.55	100.18	37.516	29.465
3 ¹ / ₂	38.014	29.856	11.181	8.7812	6 ³ / ₈	130.17	102.24	38.285	30.069
3 ⁵ / ₈	38.728	30.417	11.391	8.9462	6 ¹ / ₂	132.81	104.31	39.063	30.680
3 ¹ / ₂	39.449	30.983	11.603	9.1126	6 ⁵ / ₈	135.48	106.41	39.848	31.296
3 ³ / ₄	40.176	31.554	11.816	9.2806	6 ³ / ₄	138.18	108.53	40.641	31.919
3 ¹ / ₂	40.910	32.130	12.032	9.4501	6 ⁷ / ₈	140.90	110.66	41.441	32.548
3 ¹ / ₂	41.650	32.712	12.250	9.6211	6 ¹ / ₂	143.65	112.82	42.250	33.183

ILLINOIS STEEL COMPANY

SQUARE AND ROUND BARS

TABLE VIII—Concluded

WEIGHTS AND AREAS

Size, Inches	Weight per Foot, Pounds		Area, Sq. Inches		Size, Inches	Weight per Foot, Pounds		Area, Sq. Inches	
	□	○	□	○		□	○	□	○
6 ⁵ / ₈	146.43	115.00	43.066	33.824	9 ⁵ / ₈	310.9	244.2	91.441	71.818
6 ³ / ₈	149.23	117.20	43.891	34.472	9 ³ / ₈	315.0	247.4	92.641	72.760
6 ¹ / ₂	152.06	119.43	44.723	35.125	9 ¹ / ₂	319.1	250.6	93.848	73.708
6 ³ / ₄	154.91	121.67	45.563	35.785	9 ¹ / ₄	323.2	253.9	95.063	74.662
6 ¹ / ₄	157.79	123.93	46.410	36.451	9 ¹ / ₈	327.4	257.1	96.285	75.622
6 ³ / ₈	160.70	126.22	47.266	37.122	9 ³ / ₈	331.6	260.4	97.516	76.589
6 ¹ / ₂	163.64	128.52	48.129	37.800	9 ³ / ₄	335.8	263.7	98.754	77.561
7	166.60	130.85	49.000	38.485	10	340.0	267.0	100.00	78.540
7 ¹ / ₈	169.59	133.19	49.879	39.175	10 ¹ / ₈	344.3	270.4	101.25	79.525
7 ³ / ₈	172.60	135.56	50.766	39.871	10 ³ / ₈	348.5	273.8	102.52	80.516
7 ¹ / ₂	175.64	137.95	51.660	40.574	10 ¹ / ₂	352.9	277.1	103.79	81.513
7 ³ / ₄	178.71	140.36	52.563	41.283	10 ³ / ₄	357.2	280.6	105.06	82.516
7 ⁵ / ₈	181.81	142.79	53.473	41.997	10 ⁵ / ₈	361.6	284.0	106.35	83.525
7 ⁷ / ₈	184.93	145.24	54.391	42.718	10 ⁷ / ₈	366.0	287.4	107.64	84.541
7 ¹ / ₄	188.08	147.71	55.316	43.446	10 ¹ / ₄	370.4	290.9	108.94	85.563
7 ³ / ₂	191.25	150.21	56.250	44.179	10 ³ / ₂	374.9	294.4	110.25	86.590
7 ⁵ / ₄	194.45	152.72	57.191	44.918	10 ⁵ / ₄	379.3	297.9	111.57	87.624
7 ⁷ / ₄	197.68	155.26	58.141	45.664	10 ⁷ / ₄	383.8	301.5	112.89	88.664
7 ¹ / ₂	200.93	157.81	59.098	46.415	10 ¹ / ₂	388.4	305.0	114.22	89.710
7 ³ / ₄	204.21	160.39	60.063	47.173	10 ³ / ₄	392.9	308.6	115.56	90.763
7 ¹ / ₂	207.52	162.99	61.035	47.937	10 ¹ / ₂	397.5	312.2	116.91	91.821
7 ⁷ / ₈	210.85	165.60	62.016	48.707	10 ³ / ₈	402.1	315.8	118.27	92.886
7 ¹ / ₄	214.21	168.24	63.004	49.483	10 ⁵ / ₈	406.7	319.5	119.63	93.957
8	217.60	170.90	64.000	50.266	11	411.4	323.1	121.00	95.033
8 ¹ / ₈	221.01	173.58	65.004	51.054	11 ¹ / ₈	416.1	326.8	122.38	96.116
8 ³ / ₈	224.45	176.29	66.016	51.849	11 ³ / ₈	420.8	330.5	123.77	97.206
8 ¹ / ₂	227.92	179.01	67.035	52.649	11 ¹ / ₂	425.5	334.2	125.16	98.301
8 ³ / ₄	231.41	181.75	68.063	53.456	11 ³ / ₄	430.3	337.9	126.56	99.402
8 ⁵ / ₈	234.93	184.52	69.098	54.269	11 ⁵ / ₈	435.1	341.7	127.97	100.51
8 ⁷ / ₈	238.48	187.30	70.141	55.088	11 ⁷ / ₈	439.9	345.5	129.39	101.62
8 ¹ / ₄	242.05	190.11	71.191	55.914	11 ¹ / ₄	448.8	349.3	130.82	102.74
8 ³ / ₂	245.65	192.93	72.250	56.745	11 ³ / ₂	449.6	353.1	132.25	103.87
8 ⁵ / ₄	249.28	195.78	73.316	57.583	11 ⁵ / ₄	454.6	357.0	133.69	105.00
8 ⁷ / ₄	252.93	198.65	74.391	58.426	11 ⁷ / ₄	459.5	360.9	135.14	106.14
8 ¹ / ₂	256.61	201.54	75.473	59.276	11 ¹ / ₂	464.4	364.8	136.60	107.28
8 ³ / ₄	260.31	204.45	76.563	60.132	11 ³ / ₄	469.4	368.7	138.06	108.43
8 ¹ / ₂	264.04	207.38	77.660	60.994	11 ¹ / ₂	474.4	372.6	139.54	109.59
8 ⁷ / ₈	267.80	210.33	78.766	61.863	11 ³ / ₈	479.5	376.6	141.02	110.75
8 ¹ / ₄	271.59	213.31	79.879	62.737	11 ⁵ / ₈	484.5	380.5	142.50	111.92
9	275.40	216.30	81.000	63.617	12	489.6	384.5	144.00	113.10
9 ¹ / ₈	279.2	219.3	82.129	64.504	12 ¹ / ₈	494.6	388.5	145.50	114.28
9 ³ / ₈	283.1	222.4	83.266	65.397	12 ³ / ₈	499.8	392.5	147.01	115.46
9 ¹ / ₂	287.0	225.4	84.410	66.296	12 ¹ / ₂	505.0	396.6	148.53	116.66
9 ³ / ₄	290.9	228.5	85.563	67.201	12 ³ / ₄	510.2	400.7	150.08	117.87
9 ⁵ / ₈	294.9	231.6	86.723	68.112	12 ⁵ / ₈	515.4	404.8	151.60	119.06
9 ⁷ / ₈	298.8	234.7	87.891	69.029	12 ⁷ / ₈	520.6	408.9	153.14	120.28
9 ¹ / ₄	302.8	237.8	89.066	69.953	12 ¹ / ₄	525.9	413.0	154.69	121.49
9 ³ / ₂	306.8	241.0	90.250	70.882	12 ³ / ₂	531.2	417.2	156.25	122.72

WEIGHTS OF HEXAGONS

WEIGHTS OF HEXAGON BARS

TABLE IX

Size, Inches	Weight per Foot, Pounds	Size, Inches	Weight per Foot, Pounds	Size, Inches	Weight per Foot, Pounds
$\frac{1}{8}$	.2875	$\frac{1}{4}$	1.9438	$1\frac{1}{8}$	9.673
$\frac{1}{4}$	.3479	$\frac{3}{8}$	2.2544	$1\frac{1}{4}$	10.352
$\frac{3}{8}$	.4141	$\frac{1}{2}$	2.5879	$1\frac{3}{8}$	11.053
$\frac{1}{2}$	.4860	1	2.9445	2	11.778
$\frac{5}{8}$	.5636	$1\frac{1}{8}$	3.324	$2\frac{1}{8}$	12.525
$\frac{3}{4}$	.6470	$1\frac{1}{4}$	3.727	$2\frac{1}{4}$	13.296
$1\frac{1}{8}$	.7361	$1\frac{3}{8}$	4.152	$2\frac{3}{8}$	14.089
$1\frac{1}{4}$	.8310	$1\frac{1}{2}$	4.601	$2\frac{1}{2}$	14.907
$1\frac{3}{8}$	.9316	$1\frac{5}{8}$	5.072	$2\frac{5}{8}$	15.746
$1\frac{1}{2}$	1.0380	$1\frac{3}{4}$	5.567	$2\frac{3}{4}$	16.609
$1\frac{5}{8}$	1.1502	$1\frac{7}{8}$	6.085	$2\frac{7}{8}$	17.494
$1\frac{3}{4}$	1.2681	$1\frac{1}{2}$	6.625	$2\frac{1}{2}$	18.403
$1\frac{7}{8}$	1.3917	$1\frac{7}{8}$	7.189	$2\frac{7}{8}$	19.335
$1\frac{1}{2}$	1.5211	$1\frac{5}{4}$	7.775	$2\frac{3}{4}$	22.268
$1\frac{5}{4}$	1.6563	$1\frac{1}{4}$	8.385	$2\frac{1}{4}$	23.291
$1\frac{1}{2}$	1.7972	$1\frac{3}{4}$	9.018	3	26.500
				$3\frac{1}{8}$	27.616

ILLINOIS STEEL COMPANY

DECIMAL OF AN INCH AND OF A FOOT

TABLE X

	Fractions of Inch or Foot	Inch Equivalents to Foot Fractions		Fractions of Inch or Foot	Inch Equivalents to Foot Fractions		Fractions of Inch or Foot	Inch Equivalents to Foot Fractions		Fractions of Inch or Foot	Inch Equivalents to Foot Fractions
	.0052	$\frac{1}{16}$		.2552	$3\frac{1}{16}$		.5052	$6\frac{1}{16}$		.7552	$9\frac{1}{16}$
	.0104	$\frac{1}{8}$		.2604	$3\frac{1}{8}$		.5104	$6\frac{1}{8}$		.7604	$9\frac{1}{8}$
$\frac{1}{16}$	.015625	$\frac{3}{16}$	$\frac{1}{16}$	.265625	$3\frac{3}{16}$	$\frac{1}{16}$	.515625	$6\frac{3}{16}$	$\frac{1}{16}$	.765625	$9\frac{3}{16}$
	.0208	$\frac{1}{4}$		.2708	$3\frac{1}{4}$		.5208	$6\frac{1}{4}$		.7708	$9\frac{1}{4}$
	.0260	$\frac{1}{4}$		.2760	$3\frac{1}{4}$		.5260	$6\frac{1}{4}$		.7760	$9\frac{1}{4}$
$\frac{1}{8}$	.03125	$\frac{3}{8}$	$\frac{1}{8}$	.28125	$3\frac{3}{8}$	$\frac{1}{8}$	.53125	$6\frac{3}{8}$	$\frac{1}{8}$	.78125	$9\frac{3}{8}$
	.0365	$\frac{1}{2}$		.2865	$3\frac{1}{2}$		.5365	$6\frac{1}{2}$		.7865	$9\frac{1}{2}$
	.0417	$\frac{1}{2}$		.2917	$3\frac{1}{2}$		.5417	$6\frac{1}{2}$		.7917	$9\frac{1}{2}$
$\frac{3}{16}$	.046875	$\frac{3}{8}$	$\frac{3}{16}$	.296875	$3\frac{3}{8}$	$\frac{3}{16}$	.546875	$6\frac{3}{8}$	$\frac{3}{16}$	.796875	$9\frac{3}{8}$
	.0521	$\frac{5}{8}$		.3021	$3\frac{5}{8}$		.5521	$6\frac{5}{8}$		.8021	$9\frac{5}{8}$
	.0573	$\frac{1}{2}$		.3073	$3\frac{1}{2}$		.5573	$6\frac{1}{2}$		.8073	$9\frac{1}{2}$
$\frac{1}{4}$	.0625	$\frac{3}{4}$	$\frac{1}{4}$	.3125	$3\frac{3}{4}$	$\frac{1}{4}$	.5625	$6\frac{3}{4}$	$\frac{1}{4}$	.8125	$9\frac{3}{4}$
	.0677	$\frac{1}{2}$		.3177	$3\frac{1}{2}$		.5677	$6\frac{1}{2}$		.8177	$9\frac{1}{2}$
	.0729	$\frac{1}{8}$		.3229	$3\frac{1}{8}$		.5729	$6\frac{1}{8}$		.8229	$9\frac{1}{8}$
$\frac{5}{16}$	.078125	$\frac{1}{4}$	$\frac{5}{16}$	.328125	$3\frac{1}{4}$	$\frac{5}{16}$	.578125	$6\frac{1}{4}$	$\frac{5}{16}$	.828125	$9\frac{1}{4}$
	.0833	1		.3333	4		.5833	7		.8333	10
	.0885	$1\frac{1}{16}$		.3385	$4\frac{1}{16}$		.5885	$7\frac{1}{16}$		.8385	$10\frac{1}{16}$
$\frac{3}{8}$	.09375	$1\frac{1}{8}$	$\frac{3}{8}$	.34375	$4\frac{1}{8}$	$\frac{3}{8}$	.59375	$7\frac{1}{8}$	$\frac{3}{8}$	.84375	$10\frac{1}{8}$
	.0990	$1\frac{1}{8}$		.3490	$4\frac{1}{8}$		.5990	$7\frac{1}{8}$		.8490	$10\frac{1}{8}$
	.1042	$1\frac{1}{4}$		.3542	$4\frac{1}{4}$		.6042	$7\frac{1}{4}$		.8542	$10\frac{1}{4}$
$\frac{7}{16}$	.109375	$1\frac{1}{8}$	$\frac{7}{16}$	.359375	$4\frac{1}{8}$	$\frac{7}{16}$	.609375	$7\frac{1}{8}$	$\frac{7}{16}$	.859375	$10\frac{1}{8}$
	.1146	$1\frac{1}{8}$		.3646	$4\frac{1}{8}$		.6146	$7\frac{1}{8}$		.8646	$10\frac{1}{8}$
	.1198	$1\frac{1}{8}$		.3698	$4\frac{1}{8}$		.6198	$7\frac{1}{8}$		.8698	$10\frac{1}{8}$
$\frac{1}{2}$	.1250	$1\frac{1}{2}$	$\frac{1}{2}$	.3750	$4\frac{1}{2}$	$\frac{1}{2}$	.6250	$7\frac{1}{2}$	$\frac{1}{2}$	.8750	$10\frac{1}{2}$
	.1302	$1\frac{1}{2}$		.3802	$4\frac{1}{2}$		.6302	$7\frac{1}{2}$		.8802	$10\frac{1}{2}$
	.1354	$1\frac{1}{2}$		.3854	$4\frac{1}{2}$		.6354	$7\frac{1}{2}$		.8854	$10\frac{1}{2}$
$\frac{9}{16}$	.140625	$1\frac{1}{8}$	$\frac{9}{16}$	.390625	$4\frac{1}{8}$	$\frac{9}{16}$	.640625	$7\frac{1}{8}$	$\frac{9}{16}$	.890625	$10\frac{1}{8}$
	.1458	$1\frac{1}{4}$		.3958	$4\frac{1}{4}$		.6458	$7\frac{1}{4}$		.8958	$10\frac{1}{4}$
	.1510	$1\frac{1}{4}$		.4010	$4\frac{1}{4}$		.6510	$7\frac{1}{4}$		.9010	$10\frac{1}{4}$
$\frac{5}{8}$	.15625	$1\frac{1}{4}$	$\frac{5}{8}$	.40625	$4\frac{1}{4}$	$\frac{5}{8}$	.65625	$7\frac{1}{4}$	$\frac{5}{8}$	.90625	$10\frac{1}{4}$
	.1615	$1\frac{1}{2}$		.4115	$4\frac{1}{2}$		.6615	$7\frac{1}{2}$		.9115	$10\frac{1}{2}$
	.1667	2		.4167	5		.6667	8		.9167	11
$\frac{11}{16}$	.171875	$2\frac{1}{16}$	$\frac{11}{16}$	.421875	$5\frac{1}{16}$	$\frac{11}{16}$	.671875	$8\frac{1}{16}$	$\frac{11}{16}$	.921875	$11\frac{1}{16}$
	.1771	$2\frac{1}{8}$		.4271	$5\frac{1}{8}$		.6771	$8\frac{1}{8}$		.9271	$11\frac{1}{8}$
	.1823	$2\frac{1}{8}$		.4323	$5\frac{1}{8}$		.6823	$8\frac{1}{8}$		.9323	$11\frac{1}{8}$
$\frac{3}{4}$	.1875	$2\frac{1}{4}$	$\frac{3}{4}$	.4375	$5\frac{1}{4}$	$\frac{3}{4}$	.6875	$8\frac{1}{4}$	$\frac{3}{4}$	.9375	$11\frac{1}{4}$
	.1927	$2\frac{1}{4}$		.4427	$5\frac{1}{4}$		.6927	$8\frac{1}{4}$		.9427	$11\frac{1}{4}$
	.1979	$2\frac{1}{8}$		.4479	$5\frac{1}{8}$		.6979	$8\frac{1}{8}$		.9479	$11\frac{1}{8}$
$\frac{13}{16}$	.203125	$2\frac{1}{16}$	$\frac{13}{16}$	.453125	$5\frac{1}{16}$	$\frac{13}{16}$	.703125	$8\frac{1}{16}$	$\frac{13}{16}$	.953125	$11\frac{1}{16}$
	.2083	$2\frac{1}{2}$		.4583	$5\frac{1}{2}$		.7083	$8\frac{1}{2}$		.9583	$11\frac{1}{2}$
	.2135	$2\frac{1}{8}$		.4635	$5\frac{1}{8}$		.7135	$8\frac{1}{8}$		.9635	$11\frac{1}{8}$
$\frac{7}{8}$	.21875	$2\frac{3}{8}$	$\frac{7}{8}$	.46875	$5\frac{3}{8}$	$\frac{7}{8}$	.71875	$8\frac{3}{8}$	$\frac{7}{8}$	.96875	$11\frac{3}{8}$
	.2240	$2\frac{1}{4}$		.4740	$5\frac{1}{4}$		.7240	$8\frac{1}{4}$		.9740	$11\frac{1}{4}$
	.2292	$2\frac{3}{4}$		.4792	$5\frac{3}{4}$		.7292	$8\frac{3}{4}$		.9792	$11\frac{3}{4}$
$\frac{15}{16}$	.234375	$2\frac{11}{16}$	$\frac{15}{16}$	.484375	$5\frac{11}{16}$	$\frac{15}{16}$	.734375	$8\frac{11}{16}$	$\frac{15}{16}$	.984375	$11\frac{11}{16}$
	.2396	$2\frac{1}{2}$		.4896	$5\frac{1}{2}$		.7396	$8\frac{1}{2}$		.9896	$11\frac{1}{2}$
	.2448	$2\frac{1}{4}$		.4948	$5\frac{1}{4}$		.7448	$8\frac{1}{4}$		.9948	$11\frac{1}{4}$
$\frac{1}{3}$	.2500	3	$\frac{1}{2}$	.5000	6	$\frac{1}{3}$	.7500	9	1	1.0000	12

GAUGES

BIRMINGHAM WIRE GAUGE

TABLE XI

Gauge Number	Thickness, Inches		Weight per Square Foot
	Decimal	Fract'l	
0000	.454	29/64	18.523
000	.425	27/64	17.340
00	.380	49/128	15.504
0	.340	11/32	13.872
1	.300	19/64	12.240
2	.284	9/32	11.587
3	.259	33/128	10.567
4	.238	15/64	9.710
5	.220	7/32	8.976
6	.203	13/64	8.282
7	.180	23/128	7.344
8	.165	21/128	6.732
9	.148	19/128	6.038
10	.134	17/128	5.467
11	.120	15/128	4.896
12	.109	7/64	4.447
13	.095	3/32	3.876
14	.083	21/256	3.386
15	.072	37/512	2.938
16	.065	33/512	2.652
17	.058	15/256	2.366
18	.049	25/512	1.999
19	.042	11/256	1.714
20	.035	9/256	1.428
21	.032	1/32	1.306
22	.028	7/256	1.142
23	.025	13/512	1.020
24	.022	11/512	0.898
25	.020	5/256	0.816
26	.018	9/512	0.734
27	.016	1/64	0.653
28	.014	7/512	0.571
29	.013	13/1024	0.530
30	.012	3/256	0.490
31	.010	5/512	0.408
32	.009	9/1024	0.367
33	.008	1/128	0.326
34	.007	7/1024	0.286
35	.005	5/1024	0.204
36	.004	1/256	0.163

UNITED STATES STANDARD GAUGE

TABLE XII

Gauge Number	Approximate Thickness in Inches			Weight per Square Foot, Iron or Steel
	Steel	Iron	Approx. Fraction	
0000000	.490	.5	1/2	20.00
000000	.460	.4687	15/32	18.75
00000	.429	.4375	7/16	17.50
0000	.398	.4062	13/32	16.25
000	.368	.375	3/8	15.
00	.337	.3437	11/32	13.75
0	.306	.3125	5/16	12.50
1	.2758	.2812	9/32	11.25
2	.2604	.2656	17/64	10.625
3	.251	.25	1/4	10.
4	.2298	.2344	15/64	9.375
5	.2145	.2188	7/32	8.75
6	.1992	.2031	13/64	8.125
7	.1838	.1875	3/16	7.5
8	.1685	.1719	11/64	6.875
9	.1532	.1562	5/32	6.25
10	.1379	.1406	9/64	5.625
11	.1226	.125	1/8	5.
12	.1072	.1094	7/64	4.375
13	.0919	.0938	3/32	3.75
14	.0766	.0781	5/64	3.125
15	.0689	.0703	9/128	2.812
16	.0613	.0625	1/16	2.5
17	.0552	.0562	9/160	2.25
18	.0490	.05	1/20	2.
19	.0429	.0438	7/160	1.75
20	.0368	.0375	3/80	1.50
21	.0337	.0344	11/320	1.375
22	.0306	.0312	1/32	1.25
23	.0276	.0281	9/320	1.125
24	.0245	.025	1/40	1.
25	.0214	.0219	7/320	.875
26	.0184	.0188	3/160	.75
27	.0169	.0172	11/640	.6875
28	.0153	.0156	1/64	.625
29	.0138	.0141	9/640	.5625
30	.0123	.0125	1/80	.5
31	.0107	.0109	7/640	.4375
32	.0100	.0101	13/1280	.4062
33	.0092	.0094	3/320	.375
34	.0084	.0086	11/1280	.3438
35	.0077	.0078	5/640	.3125
36	.0069	.0070	9/1280	.2812
37	.0065	.0066	17/2560	.2656
38	.0061	.0062	1/160	.25

Unless otherwise specified, all orders in gauges will be executed to Birmingham Wire Gauge.
 The Birmingham Wire Gauge is based on Decimal Thickness.
 The United States Standard Gauge is based on Weight per square foot.

ILLINOIS STEEL COMPANY

STANDARD GAUGES

TABLE XIII

		THICKNESS IN DECIMALS OF AN INCH						
No. of Gauge	Birmingham Wire Gauge (B. W. G.), also known as Stub's (Wire) Gauge	United States Standard Sheet and Plate Gauge		Standard Birmingham Sheet and Hoop Gauge (B. G.)	American Steel & Wire Co's Gauge, Formerly Washburn & Moen Gauge	British Standard Wire Gauge (S. W. G.)	Brown & Sharpe's Gauge American (Wire) Gauge	No. of Gauge
		Steel	Iron					
0000000	.....	.490	.5	.....	.4900	.500	.....	0000000
000000	.....	.460	.46875	.....	.4615	.464	.580000	000000
00000	.....	.429	.4375	.....	.4305	.432	.516500	00000
0000	.454	.398	.40625	.....	.3938	.400	.460000	0000
000	.425	.368	.375	5000	.3625	.372	.409642	000
00	.380	.337	.34375	.....	.3310	.348	.364796	00
0	.340	.306	.3125	.....	.3065	.324	.324861	0
1	.300	.2758	.28125	.....	.2830	.300	.289297	1
2	.284	.2604	.265625	.....	.2625	.276	.257627	2
3	.259	.2451	.25	.....	.2437	.252	.229423	3
4	.238	.2298	.234375	.....	.2500	.223	.204307	4
5	.220	.2145	.21875	.....	.2225	.212	.181940	5
6	.203	.1992	.203125	.....	.1981	.192	.162023	6
7	.180	.1838	.1875	.....	.1764	.176	.144285	7
8	.165	.1685	.171875	.....	.1570	.160	.128490	8
9	.148	.1532	.15625	.....	.1398	.144	.114423	9
10	.134	.1379	.140625	.....	.1250	.128	.101897	10
11	.120	.1226	.125	.....	.1113	.116	.090742	11
12	.109	.1072	.109375	.....	.0991	.105	.080808	12
13	.095	.0919	.09375	.....	.0882	.0915	.071962	13
14	.083	.0766	.078125	.....	.0785	.0800	.064084	14
15	.072	.0689	.0703125	.....	.0699	.0720	.057068	15
16	.065	.0613	.0625	.....	.0625	.064	.050821	16
17	.058	.0552	.05625	.....	.0556	.056	.045257	17
18	.049	.0490	.05	.....	.0495	.0475	.040303	18
19	.042	.0429	.04375	.....	.0440	.040	.035890	19
20	.035	.0368	.0375	.....	.0392	.0348	.031961	20
21	.032	.0337	.034375	.....	.0349	.03175	.028462	21
22	.028	.0306	.03125	.....	.03125	.0286	.025346	22
23	.025	.0276	.028125	.....	.02782	.0258	.022572	23
24	.022	.0245	.025	.....	.02476	.0230	.020101	24
25	.020	.0214	.021875	.....	.02204	.0204	.017900	25
26	.018	.0184	.01875	.....	.01961	.0181	.015941	26
27	.016	.0169	.0171875	.....	.01745	.0173	.014195	27
28	.014	.0153	.015625	.....	.015625	.0162	.012641	28
29	.013	.0138	.0140625	.....	.0139	.0150	.011257	29
30	.012	.0123	.0125	.....	.0123	.0140	.010025	30
31	.010	.0107	.0109375	.....	.0110	.0132	.008928	31
32	.009	.0100	.01015625	.....	.0098	.0128	.007950	32
33	.008	.0092	.009375	.....	.0087	.0118	.007080	33
34	.007	.0084	.00859375	.....	.0077	.0104	.006305	34
35	.005	.0077	.0078125	.....	.0069	.0095	.005615	35
36	.004	.0069	.00703125	.....	.0061	.0090	.005000	36
37	.....	.0065	.006640625	.....	.0054	.0085	.004453	37
38	.....	.0061	.00625	.....	.0048	.0080	.003965	38
39	.....	.....	.....	.....	.....	.0075	.003531	39
40	.....	.....	.....	.....	.....	.0070	.003144	40

Unless otherwise specified, all orders in gauges will be executed to Birmingham Wire Gauge.

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