

SHAPE BOOK

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ILLINOIS STEEL COMPANY
CHICAGO, ILLINOIS

H. B. Braintree

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ILLINOIS STEEL COMPANY
Chicago, Illinois

Second Edition, January 1, 1924

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STEEL AND ALLIED PRODUCTS

BLAST FURNACE PRODUCTS

Pig Iron.

STEEL FURNACE PRODUCTS, in

Open Hearth, Bessemer, Electric Carbon and Alloy Grades.

SEMI-FINISHED PRODUCTS

Ingots, Billets, Blooms, Slabs, Sheet and Tin Plate Bars.

PLATE MILL PRODUCTS

Universal and Sheared Plates.

STRUCTURAL PRODUCTS

Angles, Beams, Channels, Tees and Zees.

BAR MILL PRODUCTS

Flats, Squares, Rounds, Half Rounds, Hexagons, Ovals, Half Ovals, Bands, Tire, Automobile and Vehicle Spring Steel, Forging Bars, Tubing Rounds, Agricultural Implement, Concrete Reinforcement and other Special Bar Mill Shapes.

FORGED PRODUCTS

Car and Locomotive Axles.

Rolled Steel Wheels for Steam and Electric Service.

RAILS AND ACCESSORIES

Standard and Light Rails.

Splice Bars, Tie Plates, Track Spikes, Screw Spikes.

Track Bolts and Nuts, Frog Fillers, Reinforcing D-Bars.

Riser or Slide Plates and Miscellaneous Accessories.

COKE OVEN PRODUCTS AND BY-PRODUCTS

Coke Breeze.

Ammonium Sulphate and Crude Ammoniacal Liquor.

Crude and Refined Solvent Naphtha.

Crude and Refined Naphthalene.

C. P. Benzol, 90% Benzol, Motor Benzol.

C. P. Toluol.

SHAPE BOOK

CONTAINING

PROFILES, TABLES AND DATA

RELATIVE TO THE

PLATES, SHAPES, BARS, RAILS

TRACK ACCESSORIES AND

SPECIALTIES

Manufactured by

ILLINOIS STEEL COMPANY

CHICAGO, ILLINOIS

THIS, the Second Edition of the Illinois Steel Company Shape Book, with a few unimportant exceptions, contains profiles of all standard sections rolled on the Structural, Plate, Bar and Rail mills, together with tables and other data in regard to these products. It supersedes and cancels all previous issues from which it differs on account of significant and important changes, the weights of beams and channels have been adjusted to conform to the action taken by the Association of American Steel Manufacturers, effective September 1, 1920, by which fillets and roundings are included in the computation of weights.

Changes have also been made in the section numbers of certain Beams, Channels, Angles, Tees and Zees. Purchasers are, therefore, requested to be sure to show section numbers on all orders.

Wherever the profile applies to more than one weight of section, the dimensions shown are those aimed at in rolling the minimum weight listed and the heavier weights 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, all other weights are per lineal foot. Structural Sections should be ordered to weight per foot, length in feet and inches. Orders for Plates should specify all dimensions in inches. Orders for Rounds, Squares and other Bar Mill products should specify size dimensions in inches and length in feet and inches. Rails and Track Accessories should be ordered by SECTION NUMBER and not by weight per foot.

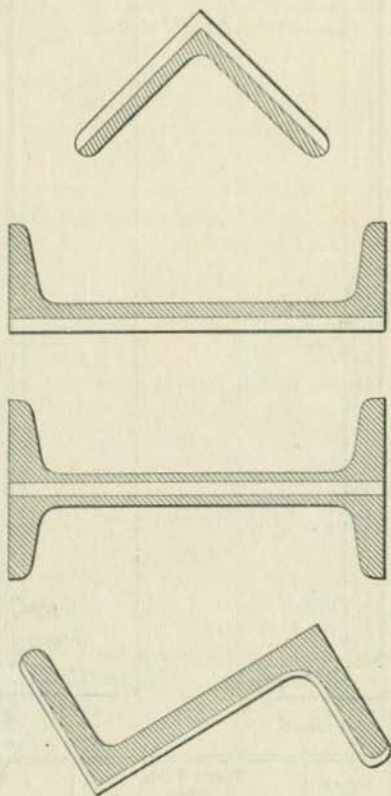
Some of the sections listed in this book, such as Tie Plates, Wheels and Axles are especially adapted to particular uses, and certain publications pertaining to these commodities may be had on application to our District Offices.

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.

ILLINOIS STEEL COMPANY.

SECTIONAL AREAS

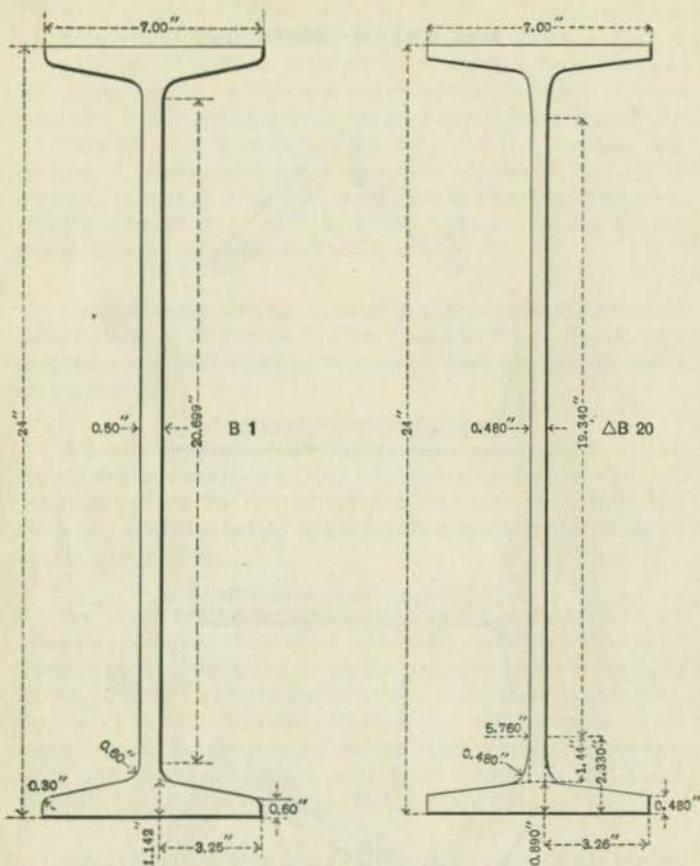
METHOD OF INCREASING



Cross-hatched portions represent the minimum sections, and the blank portions the added areas.

ILLINOIS STEEL COMPANY

STRUCTURAL BEAMS

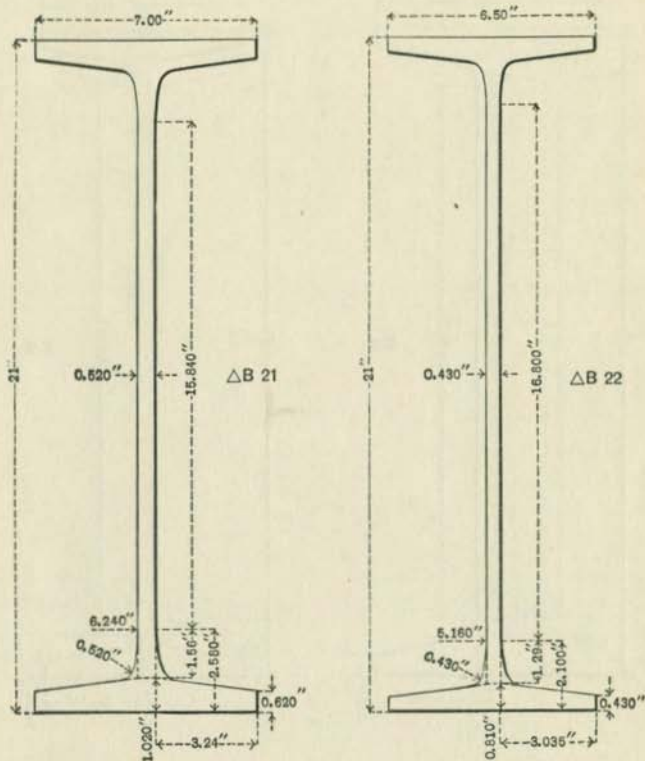


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 1	24	100.0	7.247	7 $\frac{1}{4}$	0.747	$\frac{3}{4}$
		95.0	7.186	7 $\frac{1}{8}$	0.686	$\frac{11}{16}$
		90.0	7.124	7 $\frac{1}{8}$	0.624	$\frac{5}{8}$
		85.0	7.063	7 $\frac{1}{8}$	0.563	$\frac{1}{2}$
		79.9	7.000	7	0.500	$\frac{1}{2}$
ΔB 20	24	71.0	7.00	7	0.480	$\frac{11}{16}$

ΔSpecial Light Weight Beam.

BEAMS

STRUCTURAL BEAMS—Continued

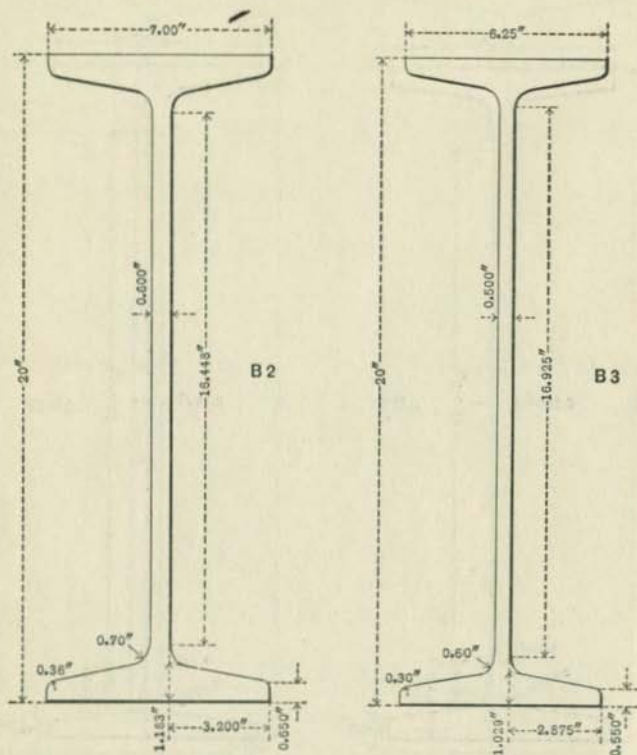


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
ΔB 21	21	75.0	7.00	7	0.520	$\frac{11}{21}$
ΔB 22	21	58.0	6.50	$6\frac{1}{2}$	0.430	$\frac{17}{40}$

ΔSpecial Light Weight Beam.

ILLINOIS STEEL COMPANY

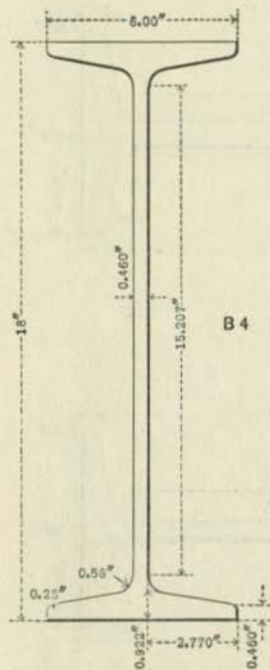
STRUCTURAL BEAMS—Continued



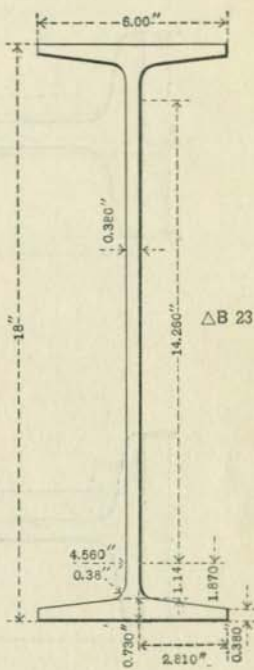
Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 2	20	100.0	7.273	$7\frac{11}{16}$	0.873	$\frac{7}{8}$
		95.0	7.200	$7\frac{11}{16}$	0.800	$\frac{13}{16}$
		90.0	7.126	$7\frac{1}{8}$	0.726	$\frac{11}{16}$
		85.0	7.053	$7\frac{1}{8}$	0.653	$\frac{11}{16}$
		81.4	7.000	7	0.600	$\frac{11}{16}$
B 3	20	75.0	6.391	$6\frac{11}{16}$	0.641	$\frac{11}{16}$
		70.0	6.317	$6\frac{1}{8}$	0.567	$\frac{11}{16}$
		65.4	6.250	$6\frac{1}{4}$	0.500	$\frac{1}{2}$

BEAMS

STRUCTURAL BEAMS—Continued



B 4



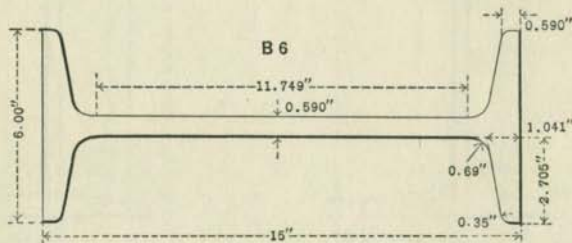
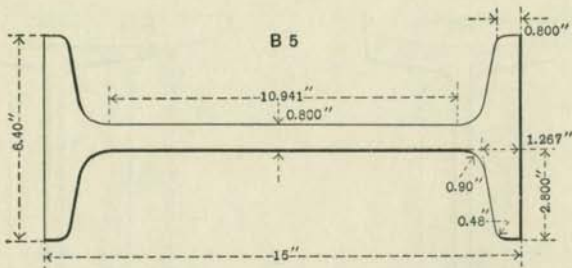
ΔB 23

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	$\frac{33}{47}$
		65.0	6.169	6 $\frac{1}{4}$	0.629	$\frac{25}{40}$
		60.0	6.087	6 $\frac{1}{2}$	0.547	$\frac{22}{40}$
		54.7	6.000	6	0.460	$\frac{23}{50}$
ΔB 23	18	46.0	6.00	6	0.380	$\frac{3}{8}$

ΔSpecial Light Weight Beam.

ILLINOIS STEEL COMPANY

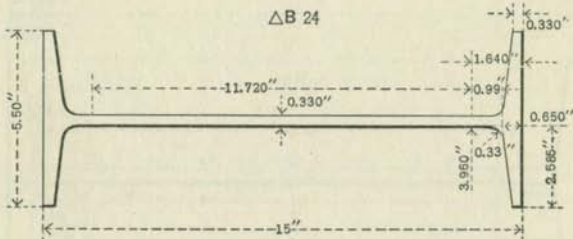
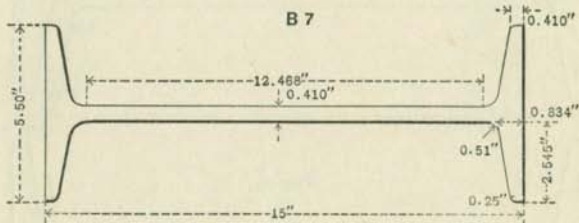
STRUCTURAL BEAMS—Continued



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 $\frac{11}{16}$	1.167	1 $\frac{1}{16}$
		95.0	6.663	6 $\frac{11}{16}$	1.068	1 $\frac{1}{16}$
		90.0	6.570	6 $\frac{11}{16}$	0.970	1 $\frac{1}{16}$
		85.0	6.472	6 $\frac{11}{16}$	0.872	1 $\frac{1}{16}$
		81.3	6.400	6 $\frac{11}{16}$	0.800	1 $\frac{1}{16}$
B 6	15	75.0	6.278	6 $\frac{9}{16}$	0.868	7/8
		70.0	6.180	6 $\frac{9}{16}$	0.770	1 $\frac{1}{16}$
		65.0	6.082	6 $\frac{9}{16}$	0.672	1 $\frac{1}{16}$
		60.8	6.000	6	0.590	1 $\frac{1}{16}$

BEAMS

STRUCTURAL BEAMS—Continued

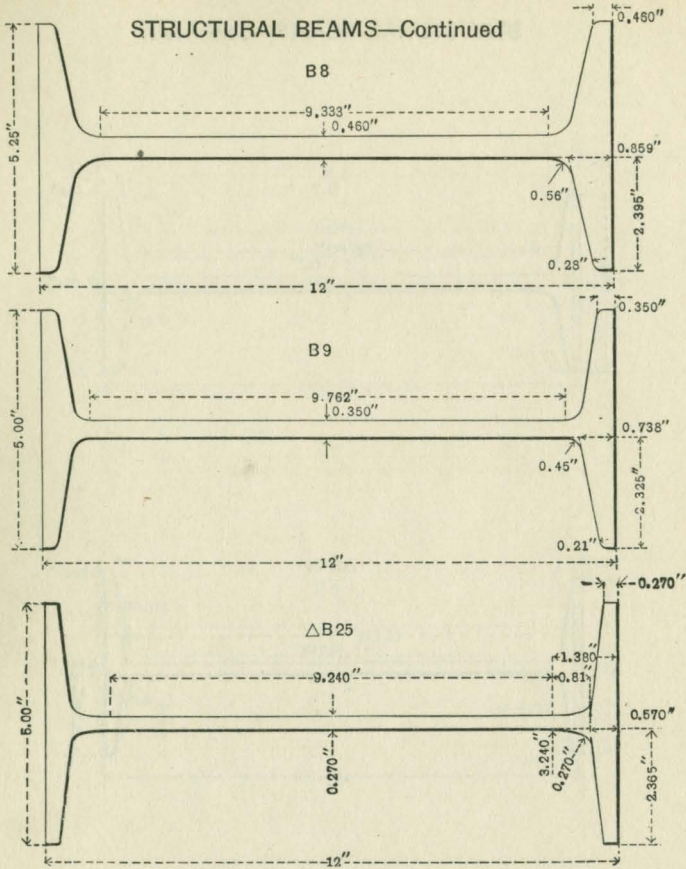


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 7	15	55.0	5.738	5 $\frac{1}{2}$	0.648	$\frac{41}{64}$
		50.0	5.640	5 $\frac{1}{2}$	0.550	$\frac{33}{64}$
		45.0	5.542	5 $\frac{1}{2}$	0.452	$\frac{29}{64}$
		42.9	5.500	5 $\frac{1}{2}$	0.410	$\frac{26}{64}$
ΔB 24	15	35.0	5.50	5 $\frac{1}{2}$	0.330	$\frac{33}{64}$

ΔSpecial Light Weight Beam.

ILLINOIS STEEL COMPANY

STRUCTURAL BEAMS—Continued

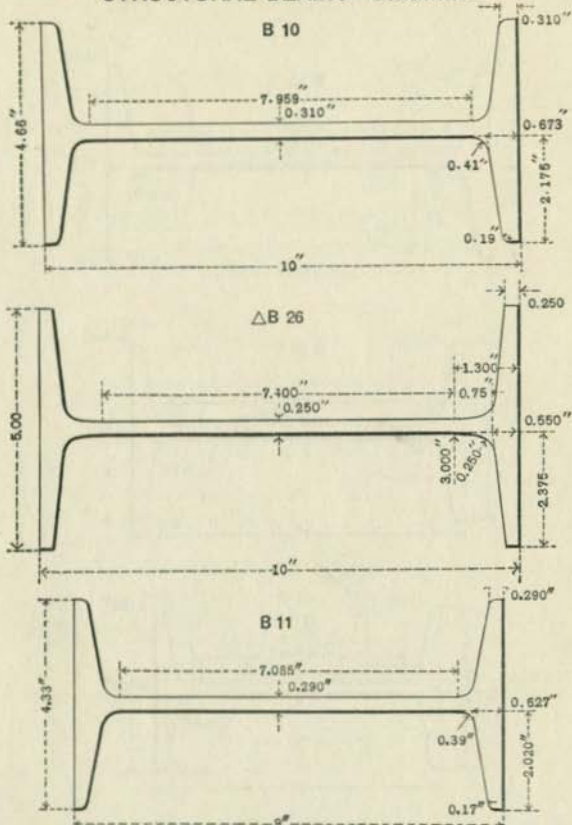


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 8	12	55.0	5.600	$5\frac{19}{32}$	0.810	$\frac{13}{16}$
		50.0	5.477	$5\frac{21}{32}$	0.687	$\frac{11}{16}$
		45.0	5.355	$5\frac{23}{32}$	0.565	$\frac{9}{16}$
		40.8	5.250	$5\frac{1}{4}$	0.460	$\frac{7}{16}$
B 9	12	35.0	5.078	$5\frac{3}{4}$	0.428	$\frac{21}{32}$
		31.8	5.000	5	0.350	$\frac{11}{32}$
ΔB 25	12	25.0	5.00	5	0.270	$\frac{11}{41}$

ΔSpecial Light Weight Beam.

BEAMS

STRUCTURAL BEAMS—Continued

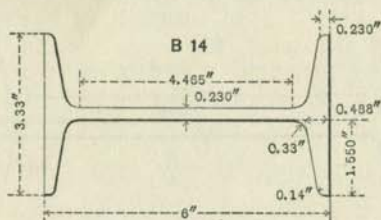
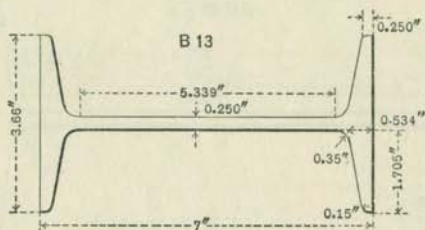
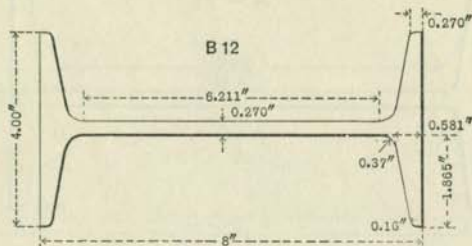


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 10	10	40.0	5.091	5 $\frac{1}{8}$	0.741	$\frac{47}{64}$
		35.0	4.944	4 $\frac{1}{4}$	0.594	$\frac{37}{64}$
		30.0	4.797	4 $\frac{1}{8}$	0.447	$\frac{29}{64}$
		25.4	4.660	4 $\frac{1}{8}$	0.310	$\frac{1}{2}$
ΔB 26	10	22.0	5.00	5	0.250	$\frac{1}{4}$
B 11	9	35.0	4.764	4 $\frac{1}{8}$	0.724	$\frac{45}{64}$
		30.0	4.601	4 $\frac{1}{8}$	0.561	$\frac{35}{64}$
		25.0	4.437	4 $\frac{1}{8}$	0.397	$\frac{25}{64}$
		21.8	4.330	4 $\frac{1}{8}$	0.290	$\frac{23}{64}$

ΔSpecial Light Weight Beam.

ILLINOIS STEEL COMPANY

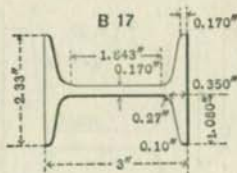
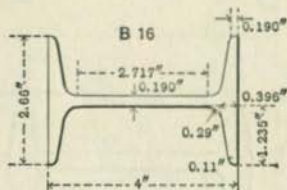
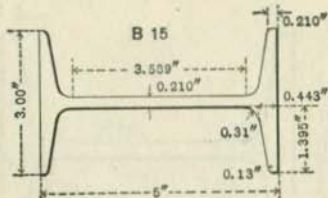
STRUCTURAL BEAMS—Continued



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	$\frac{11}{16}$
		23.0	4.171	$4\frac{1}{4}$	0.441	$\frac{11}{16}$
		20.5	4.079	$4\frac{3}{4}$	0.349	$\frac{11}{16}$
		18.4	4.000	4	0.270	$\frac{11}{16}$
B 13	7	20.0	3.860	$3\frac{1}{2}$	0.450	$\frac{11}{16}$
		17.5	3.755	$3\frac{3}{4}$	0.345	$\frac{11}{16}$
		15.3	3.660	$3\frac{1}{2}$	0.250	$\frac{1}{4}$
B 14	6	17.25	3.565	$3\frac{7}{8}$	0.465	$\frac{11}{16}$
		14.75	3.443	$3\frac{1}{2}$	0.343	$\frac{11}{16}$
		12.5	3.330	$3\frac{1}{2}$	0.230	$\frac{11}{16}$

BEAMS

STRUCTURAL BEAMS—Concluded

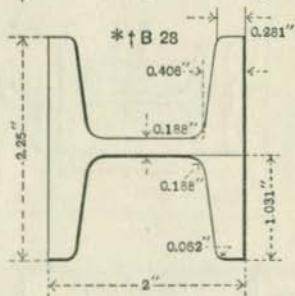
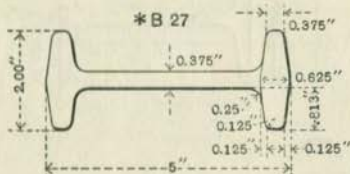
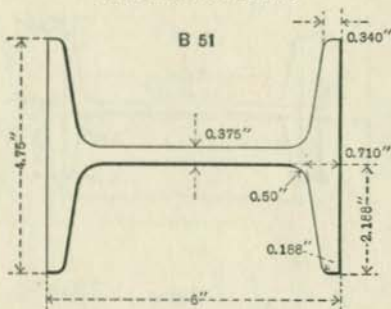


Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
B 15	5	14.75	3.284	$3\frac{23}{64}$	0.494	$\frac{1}{2}$
		12.25	3.137	$3\frac{11}{16}$	0.347	$\frac{11}{32}$
		10.0	3.000	3	0.210	$\frac{1}{4}$
B 16	4	10.5	2.870	$2\frac{7}{8}$	0.400	$\frac{13}{32}$
		9.5	2.796	$2\frac{11}{16}$	0.326	$\frac{11}{32}$
		8.5	2.723	$2\frac{13}{16}$	0.253	$\frac{1}{4}$
		7.7	2.660	$2\frac{11}{8}$	0.190	$\frac{3}{16}$
B 17	3	7.5	2.509	$2\frac{11}{16}$	0.349	$\frac{11}{32}$
		6.5	2.411	$2\frac{13}{16}$	0.251	$\frac{1}{4}$
		5.7	2.330	$2\frac{11}{8}$	0.170	$\frac{1}{4}$

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	$\frac{3}{8}$
*B 27	5	11.5	2.000	2	0.375	$\frac{3}{8}$
*†B 28	2	6.1	2.250	2 $\frac{1}{4}$	0.188	$\frac{1}{8}$

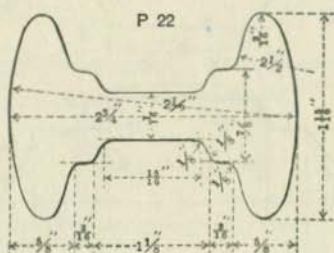
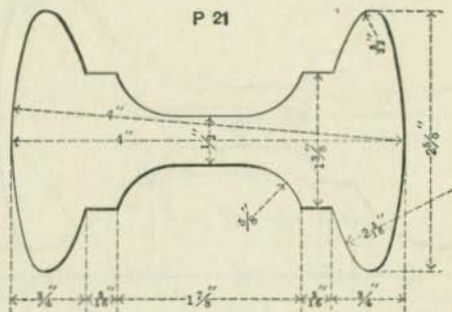
*Furnished only by special arrangement.

†Bar mill size.

BEAMS

AGRICULTURAL BEAMS

PLOW BEAMS

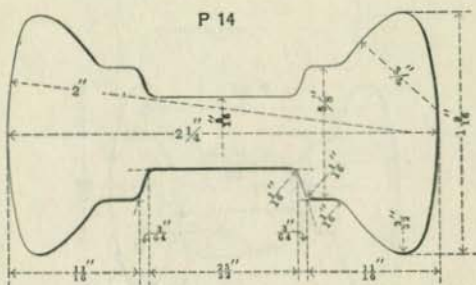
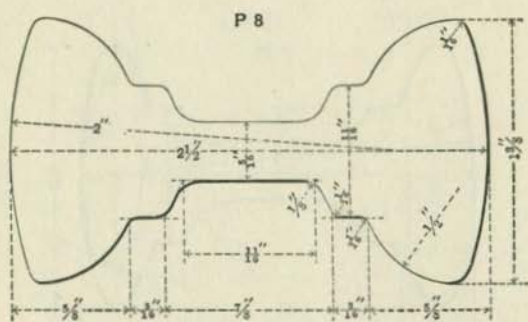


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 21	4	3 1/4	1	24.6
	4	3	3/4	23.0
	4	2 7/8	3/4	21.2
	4	2 3/4	5/8	19.5
	4	2 5/8	1/2	17.8
P 22	2 3/4	2 1/4	3/4	12.6
	2 3/4	2 1/8	1 1/8	12.0
	2 3/4	2 1/4	5/8	11.4
	2 3/4	2	1/2	10.2
	2 3/4	1 1/2	1/2	9.7

ILLINOIS STEEL COMPANY

AGRICULTURAL BEAMS—Continued

PLOW BEAMS

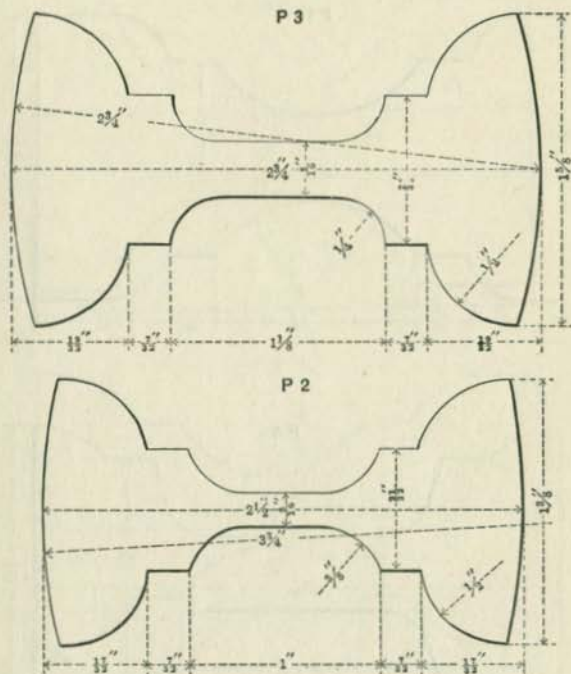


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 8	2 1/2	1 3/8	1/8	9.0
	2 1/2	1 1/2	1/8	7.9
	2 1/2	1 3/8	1/8	6.9
P 14	2 1/4	1 3/8	3/8	6.4
	2 1/4	1 1/8	1/8	5.9
	2 1/4	1 1/4	3/8	5.4
	2 1/4	1 1/8	1/8	4.9

BEAMS

AGRICULTURAL BEAMS—Continued

PLOW BEAMS

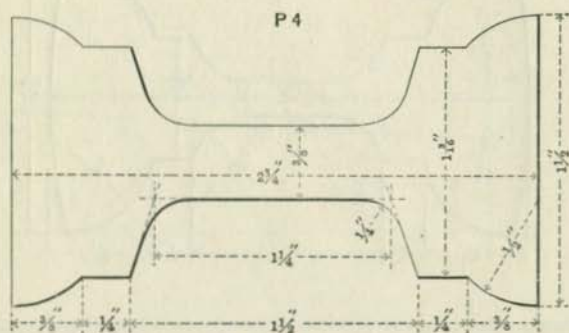
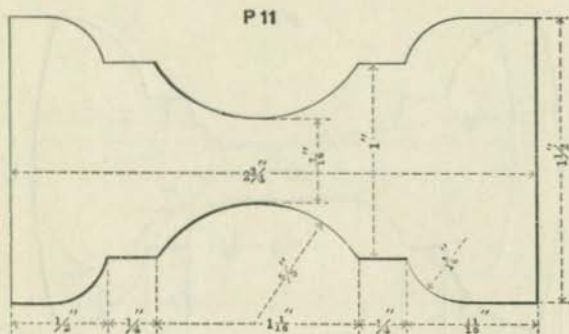


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 3	2 3/4	2 3/4	1 1/2	13.8
	2 3/4	2 1/2	1 1/2	12.7
	2 3/4	2	1 1/2	11.5
	2 3/4	1 7/8	1 1/2	10.3
	2 3/4	1 5/8	1 1/2	9.2
	2 3/4	1 3/8	1 1/2	8.3
	2 3/4	1 1/2	1 1/2	8.0
P 2	2 1/2	2	1 1/2	11.2
	2 1/2	1 7/8	1 1/2	10.2
	2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

ILLINOIS STEEL COMPANY

AGRICULTURAL BEAMS—Continued

PLOW BEAMS

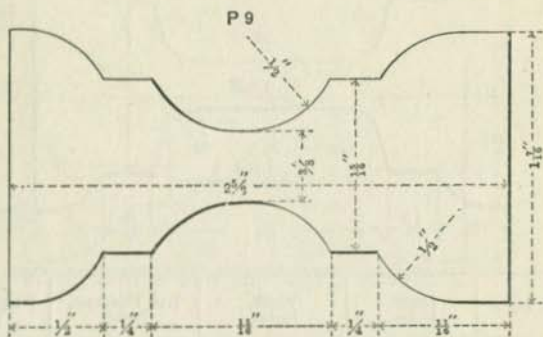
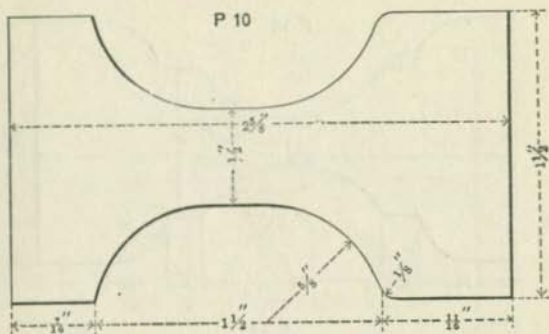


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 11	2 3/4	1 7/8	1/4	13.1
	2 3/4	1 3/4	1/4	11.9
	2 3/4	1 5/8	1/4	10.8
	2 3/4	1 1/2	1/4	9.6
P 4	2 3/4	2	3/8	12.6
	2 3/4	1 7/8	5/8	11.4
	2 3/4	1 5/8	5/8	10.2
	2 3/4	1 3/8	3/2	9.1
	2 3/4	1 1/2	3/8	7.9

BEAMS

AGRICULTURAL BEAMS—Continued

PLOW BEAMS

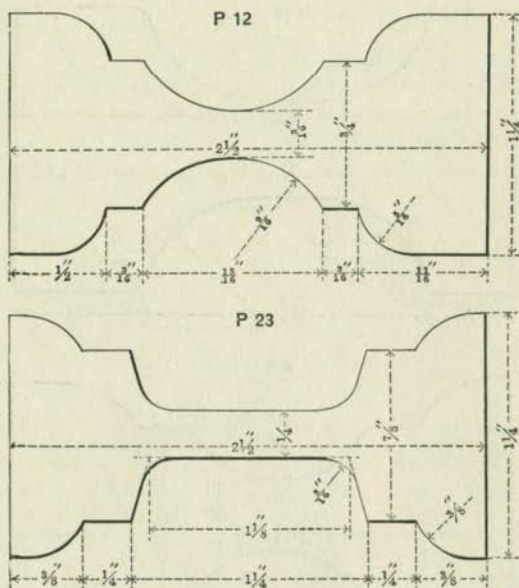


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 10	2 5/8	1 3/4	3/4	11.4
	2 5/8	1 3/4	5/8	10.3
	2 5/8	1 1/2	1/2	9.2
	2 5/8	1 3/4	1 1/8	11.3
P 9	2 5/4	1 1/2	3/4	10.7
	2 5/4	1 1/8	1/2	9.6
	2 5/4	1 1/2	1/8	9.1
	2 5/4	1 1/8	3/4	8.5

ILLINOIS STEEL COMPANY

AGRICULTURAL BEAMS—Continued

PLOW BEAMS

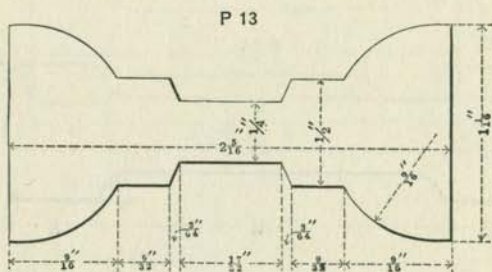
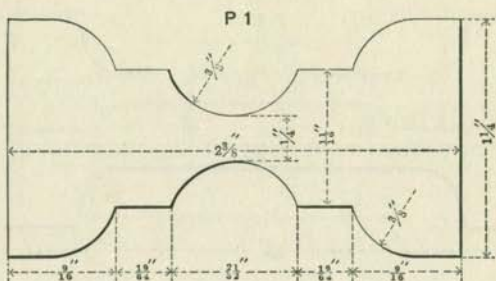


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 12	2 1/2	1 1/4	1 1/8	11.1
	2 1/2	1 3/8	1/8	10.0
	2 1/2	1 1/2	1/8	8.9
	2 1/2	1 3/8	1/8	7.9
	2 1/2	1 1/8	1/4	7.3
	2 1/2	1 1/4	1/8	6.8
P 23	2 1/2	1 1/2	1/2	7.8
	2 1/2	1 1/8	1/8	7.2
	2 1/2	1 3/8	3/8	6.7
	2 1/2	1 1/8	1/8	6.2
	2 1/2	1 1/4	1/4	5.7

BEAMS

AGRICULTURAL BEAMS—Continued

PLOW BEAMS

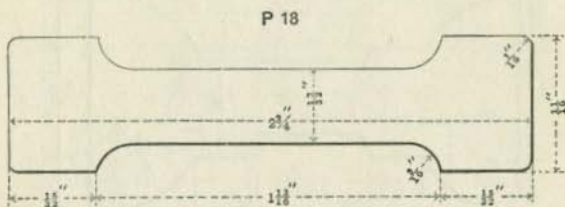
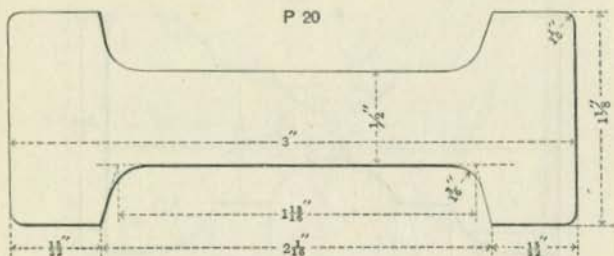


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 1	2 3/8	1 5/8	5/8	9.6
	2 3/8	1 1/2	1/2	8.6
	2 3/8	1 3/8	3/8	7.6
	2 3/8	1 1/4	1/4	6.6
P 13	2 1/8	1 1/4	1/8	6.5
	2 1/8	1 1/8	3/8	6.0
	2 1/8	1 3/8	1/8	5.5
	2 1/8	1 1/8	1/4	5.0

ILLINOIS STEEL COMPANY

AGRICULTURAL BEAMS—Continued

PLOW BEAMS



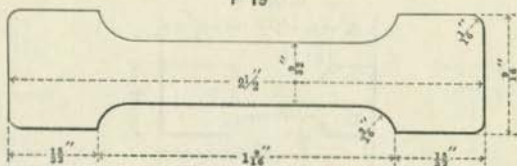
Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 20	3	1 1/2	3/4	11.1
	3	1 3/4	3/4	9.8
	3	1 1/4	3/8	8.5
	3	1 1/8	3/4	7.3
P 18	2 3/4	3/4	1 1/8	6.5
	2 3/4	1 1/8	1 1/8	5.9
	2 3/4	3/4	1 1/8	5.4
	2 3/4	1 1/8	1 1/8	4.8
	2 3/4	1 1/8	1 1/8	4.8

BEAMS

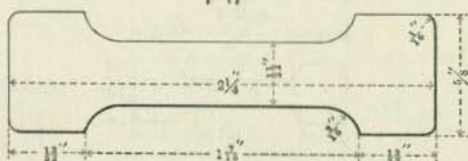
AGRICULTURAL BEAMS—Continued

PLOW BEAMS

P 19



P 17

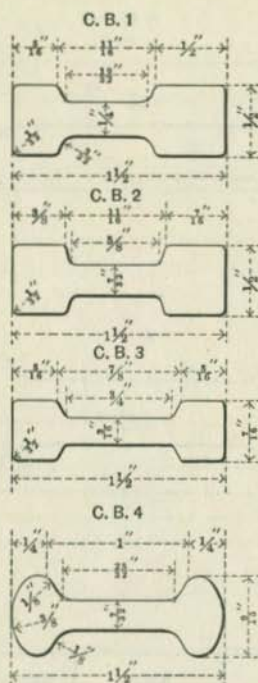


Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
P 19	2 1/2	1	1/8	7.0
	2 1/2	3/4	1/8	6.0
	2 1/2	1/2	1/8	5.4
	2 1/2	3/4	1/8	4.9
	2 1/2	1/2	1/8	4.4
	2 1/2	5/8	1/8	3.9
	2 1/2	1/2	1/8	3.3
P 17	2 1/4	3/4	1/8	4.4
	2 1/4	1/2	1/8	3.9
	2 1/4	5/8	1/8	3.5

ILLINOIS STEEL COMPANY

AGRICULTURAL BEAMS—Concluded

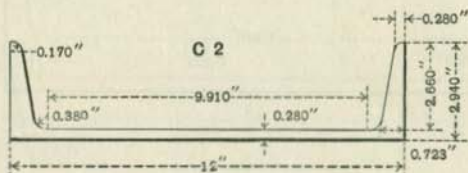
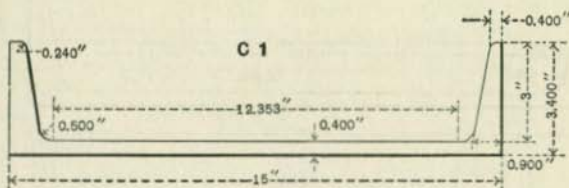
CULTIVATOR BEAMS



Section Index	Depth, Inches	Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
CB 1	1 1/2	5/8	3/8	2.64
	1 1/2	5/8	3/8	2.32
	1 1/2	1/2	3/4	2.00
CB 2	1 1/2	3/4	11/16	2.56
	1 1/2	3/4	3/8	2.24
	1 1/2	1/2	3/8	1.92
CB 3	1 1/2	3/8	3/8	2.49
	1 1/2	3/8	3/8	2.17
	1 1/2	1/2	1/4	1.85
	1 1/2	1/8	3/8	1.53
CB 4	1 1/2	3/4	3/8	2.00
	1 1/2	11/16	3/8	1.84
	1 1/2	3/8	3/8	1.68

CHANNELS

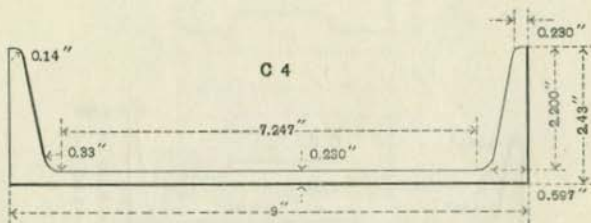
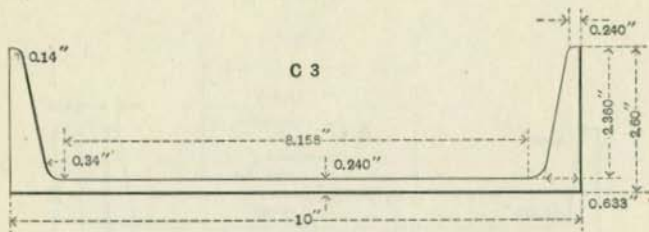
STRUCTURAL CHANNELS



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	$\frac{11}{16}$
		50.0	3.716	3 $\frac{1}{8}$	0.716	$\frac{11}{16}$
		45.0	3.618	3 $\frac{5}{16}$	0.618	$\frac{5}{8}$
		40.0	3.520	3 $\frac{1}{4}$	0.520	$\frac{11}{16}$
		35.0	3.422	3 $\frac{1}{4}$	0.422	$\frac{11}{16}$
		33.9	3.400	3 $\frac{1}{4}$	0.400	$\frac{11}{16}$
C 2	12	40.0	3.415	3 $\frac{1}{8}$	0.755	$\frac{3}{4}$
		35.0	3.292	3 $\frac{1}{8}$	0.632	$\frac{5}{8}$
		30.0	3.170	3 $\frac{1}{8}$	0.510	$\frac{11}{16}$
		25.0	3.047	3 $\frac{1}{4}$	0.387	$\frac{11}{16}$
		20.7	2.940	2 $\frac{1}{2}$	0.280	$\frac{1}{4}$

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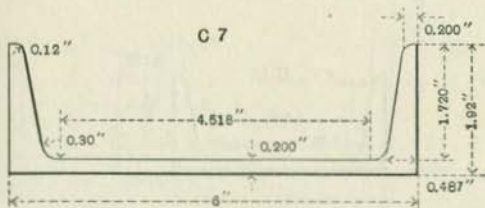
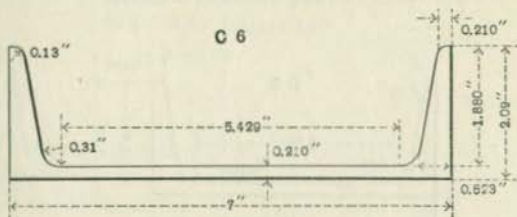
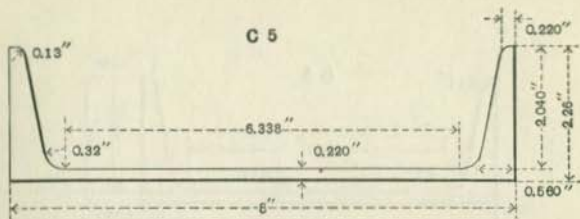
STRUCTURAL CHANNELS—Continued



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	$3\frac{1}{8}$	0.820	$\frac{11}{16}$
		30.0	3.033	$3\frac{1}{8}$	0.673	$\frac{11}{16}$
		25.0	2.886	$2\frac{1}{2}$	0.526	$\frac{11}{16}$
		20.0	2.739	$2\frac{1}{2}$	0.379	$\frac{5}{8}$
		15.3	2.600	$2\frac{1}{2}$	0.240	$\frac{11}{16}$
C 4	9	25.0	2.812	$2\frac{1}{2}$	0.612	$\frac{11}{16}$
		20.0	2.648	$2\frac{1}{2}$	0.448	$\frac{11}{16}$
		17.5	2.567	$2\frac{1}{8}$	0.367	$\frac{11}{16}$
		15.0	2.485	$2\frac{1}{2}$	0.285	$\frac{5}{8}$
		13.4	2.430	$2\frac{1}{8}$	0.230	$\frac{11}{16}$

CHANNELS

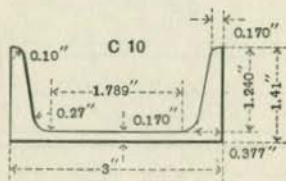
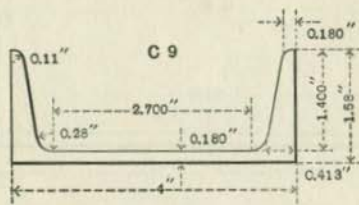
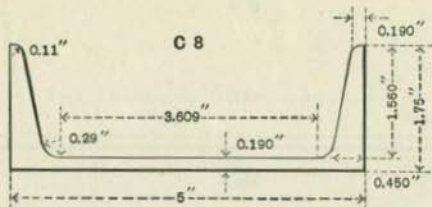
STRUCTURAL CHANNELS—Continued



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	$2\frac{3}{4}$	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	$2\frac{1}{2}$	0.220	$\frac{1}{2}$
C 6	7	19.75	2.509	$2\frac{1}{4}$	0.629	$\frac{5}{8}$
		17.25	2.404	$2\frac{1}{4}$	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	$\frac{1}{4}$
		9.8	2.090	$2\frac{1}{8}$	0.210	$\frac{11}{16}$
C 7	6	15.5	2.279	$2\frac{1}{2}$	0.559	$\frac{1}{4}$
		13.0	2.157	$2\frac{1}{4}$	0.437	$\frac{1}{4}$
		10.5	2.034	$2\frac{1}{4}$	0.314	$\frac{1}{4}$
		8.2	1.920	$1\frac{1}{2}$	0.200	$\frac{11}{16}$

ILLINOIS STEEL COMPANY

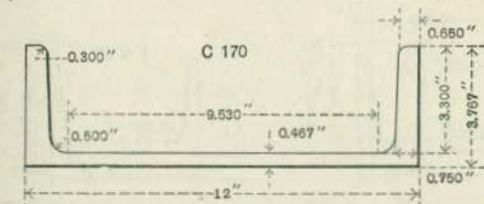
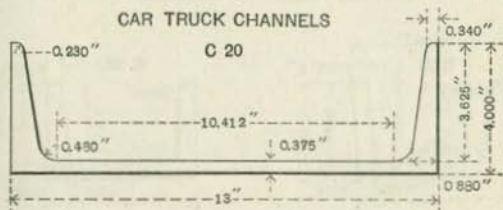
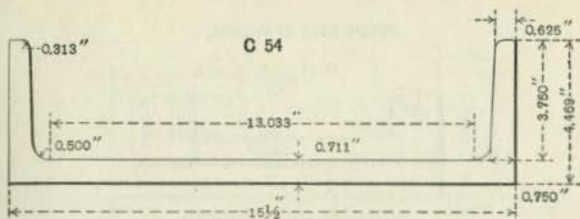
STRUCTURAL CHANNELS—Concluded



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	$\frac{11}{16}$
		6.7	1.750	$1\frac{3}{4}$	0.190	$\frac{1}{4}$
		7.25	1.720	$1\frac{11}{16}$	0.320	$\frac{1}{4}$
C 9	4	6.25	1.647	$1\frac{11}{16}$	0.247	$\frac{1}{4}$
		5.4	1.580	$1\frac{11}{16}$	0.180	$\frac{1}{4}$
		6.0	1.596	$1\frac{11}{16}$	0.356	$\frac{11}{16}$
C 10	3	5.0	1.498	$1\frac{1}{2}$	0.258	$\frac{1}{4}$
		4.1	1.410	$1\frac{1}{8}$	0.170	$\frac{11}{16}$

CHANNELS

CAR BUILDING CHANNELS—STRUCTURAL SIZES

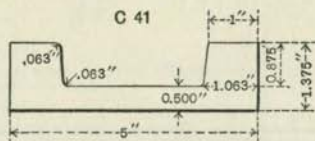


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 54	15½	55.2	4.469	4½	0.711	⅞
		52.5	4.469	4½	0.843	⅞
		50.0	4.412	4½	0.787	⅞
C 20	13	45.0	4.298	4½	0.673	⅞
		40.0	4.185	4½	0.560	⅞
		37.0	4.117	4½	0.492	⅞
		35.0	4.072	4½	0.447	⅞
		31.8	4.000	4	0.375	¾
C 170	12	50.0	4.135	4½	0.835	⅞
		48.6	4.100	4½	0.800	⅞
		46.6	4.050	4½	0.750	¾
		44.5	4.000	4	0.700	⅞
		40.0	3.890	3½	0.590	⅞
		35.0	3.767	3½	0.467	⅞

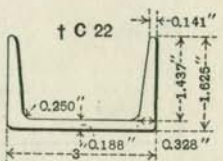
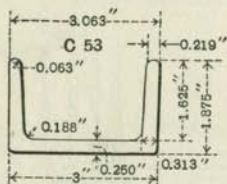
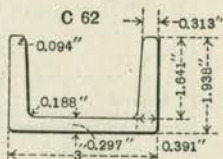
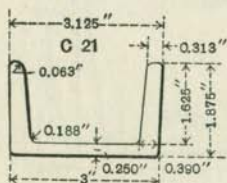
ILLINOIS STEEL COMPANY

CAR BUILDING CHANNELS—STRUCTURAL SIZES—Concluded

ARCH BAR CHANNEL



BRAKE BEAM CHANNELS

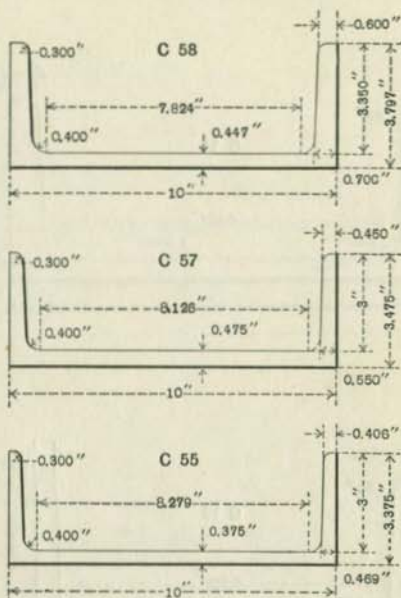


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 41	5	25.20	2.000	2	1.125	1 $\frac{1}{8}$
		23.10	1.875	1 $\frac{7}{8}$	1.000	1
		21.00	1.750	1 $\frac{3}{4}$	0.875	$\frac{7}{8}$
		18.90	1.625	1 $\frac{1}{2}$	0.750	$\frac{3}{4}$
		16.70	1.500	1 $\frac{1}{2}$	0.625	$\frac{5}{8}$
		14.60	1.375	1 $\frac{1}{2}$	0.500	$\frac{1}{2}$
C 21	3	10.28	2.250	2 $\frac{1}{4}$	0.625	$\frac{5}{8}$
		9.00	2.125	2 $\frac{1}{8}$	0.500	$\frac{1}{2}$
		7.10	1.938	1 $\frac{11}{16}$	0.313	$\frac{1}{4}$
		6.47	1.875	1 $\frac{7}{8}$	0.250	$\frac{1}{4}$
C 62	3	6.98	1.938	1 $\frac{11}{16}$	0.297	$\frac{11}{16}$
C 53	3	5.48	1.875	1 $\frac{7}{8}$	0.250	$\frac{1}{4}$
†C 22	3	4.27	1.625	1 $\frac{1}{2}$	0.188	$\frac{1}{4}$

†Bar Mill Size.

CHANNELS

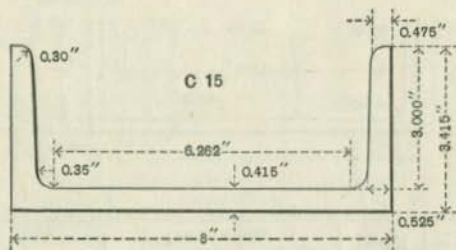
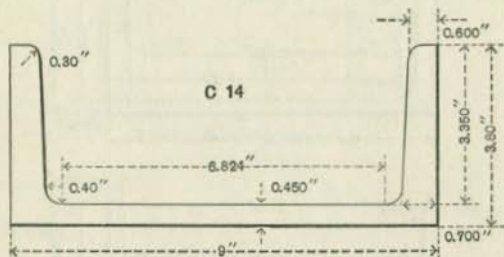
SHIP BUILDING CHANNELS



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 58	10	40.0	4.091	4 $\frac{1}{2}$	0.741	$\frac{11}{16}$
		36.9	4.000	4	0.650	$\frac{3}{4}$
		34.4	3.925	3 $\frac{11}{16}$	0.575	$\frac{11}{16}$
		31.8	3.850	3 $\frac{3}{4}$	0.500	$\frac{1}{2}$
		30.0	3.797	3 $\frac{1}{2}$	0.447	$\frac{11}{16}$
C 57	10	33.2	3.675	3 $\frac{11}{16}$	0.675	$\frac{11}{16}$
		30.6	3.600	3 $\frac{3}{4}$	0.600	$\frac{3}{4}$
		28.9	3.550	3 $\frac{11}{16}$	0.550	$\frac{11}{16}$
		27.2	3.500	3 $\frac{1}{2}$	0.500	$\frac{1}{2}$
		26.4	3.475	3 $\frac{1}{2}$	0.475	$\frac{1}{2}$
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	$\frac{11}{16}$
		22.6	3.400	3 $\frac{1}{2}$	0.400	$\frac{1}{2}$
		21.7	3.375	3 $\frac{1}{2}$	0.375	$\frac{1}{2}$

ILLINOIS STEEL COMPANY

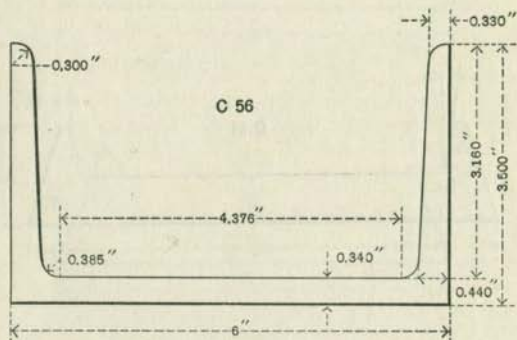
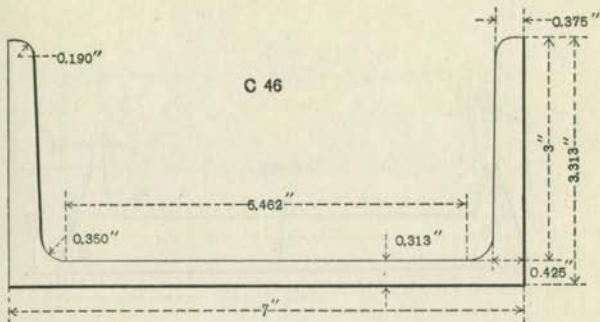
SHIP BUILDING CHANNELS—Continued



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	$\frac{13}{20}$
		31.7	3.900	$3\frac{11}{16}$	0.550	$\frac{11}{20}$
		28.6	3.800	$3\frac{1}{2}$	0.450	$\frac{9}{20}$
C 15	8	26.5	3.600	$3\frac{11}{16}$	0.600	$\frac{11}{20}$
		25.2	3.550	$3\frac{11}{16}$	0.550	$\frac{11}{20}$
		23.8	3.500	$3\frac{1}{2}$	0.500	$\frac{1}{2}$
		21.5	3.415	$3\frac{1}{16}$	0.415	$\frac{17}{41}$

CHANNELS

SHIP BUILDING CHANNELS—Concluded

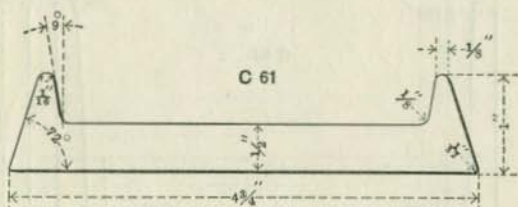
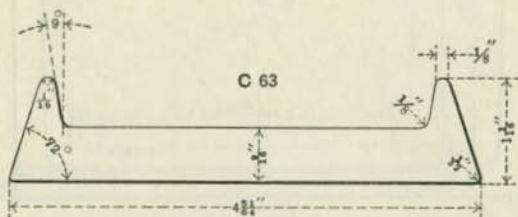


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 46	7	18.6	3.438	$3\frac{1}{16}$	0.438	$\frac{7}{16}$
		16.5	3.350	$3\frac{1}{16}$	0.350	$\frac{11}{16}$
		15.6	3.313	$3\frac{1}{16}$	0.313	$\frac{1}{8}$
C 56	6	15.3	3.500	$3\frac{1}{2}$	0.340	$\frac{11}{16}$

ILLINOIS STEEL COMPANY

CHANNELS—BAR MILL SIZES

LANDSIDE CHANNELS

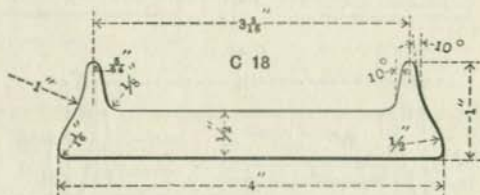
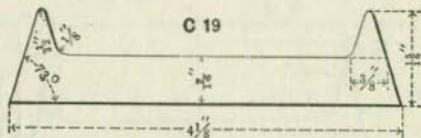
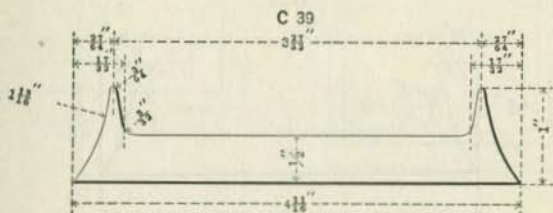


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 63	4 1/4	9.63	1.063	1 1/8	0.563	5/16
C 61	4 3/4	8.63	1.000	1	0.500	1/2

CHANNELS

CHANNELS—BAR MILL SIZES—Continued

LANDSIDE CHANNELS



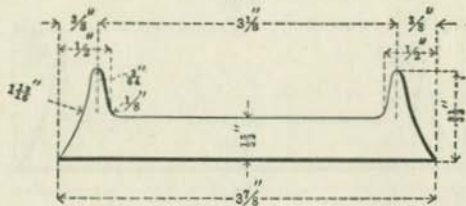
Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 39	4 1/8	7.9	1.000	1	0.500	1/2
C 19	4 1/8	8.4	1.063	1 1/8	0.563	1/8
		6.7	0.938	1 1/8	0.500	1/2
C 18	4	6.7	0.938	1 1/8	0.438	1/8
		7.3	1.000	1	0.500	1/2

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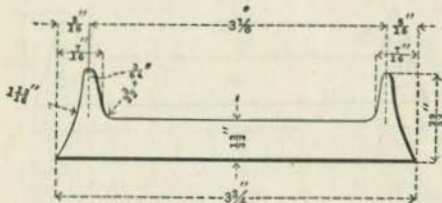
CHANNELS—BAR MILL SIZES—Continued

LANDSIDE CHANNELS

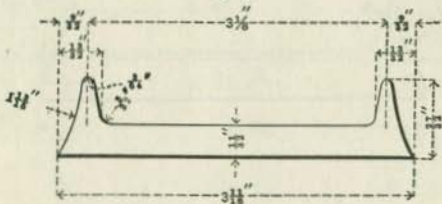
C 45



C 44



C 43

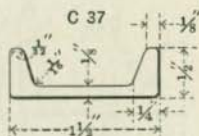
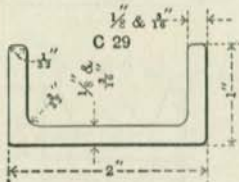
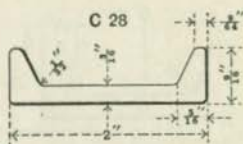
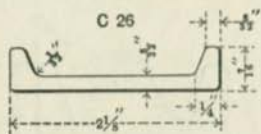
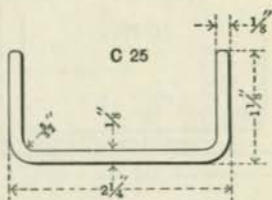
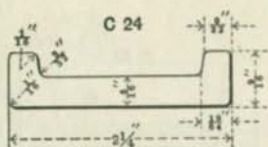


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 45	3 1/2	6.3	0.969	1 1/8	0.469	1/2
C 44	3 1/4	5.5	0.906	1 1/8	0.406	1/2
C 43	3 1/4	4.7	0.844	1 1/8	0.344	1/2

CHANNELS

CHANNELS—BAR MILL SIZES—Continued

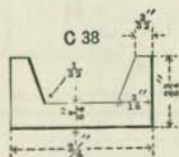
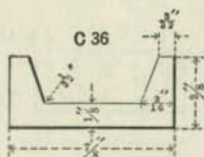
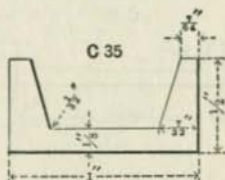
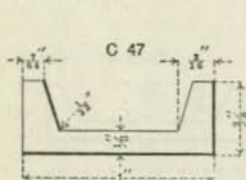
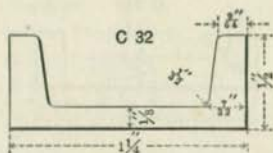
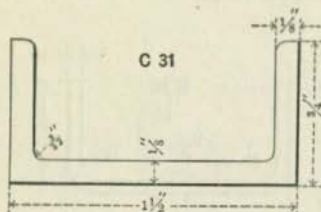
MISCELLANEOUS CHANNELS



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 24	2 1/4	4.80	0.813	1 1/4	0.563	5/8
		4.32	0.750	1 1/4	0.500	1/2
		3.85	0.688	1 1/4	0.438	3/8
		3.37	0.625	1 1/4	0.375	3/8
		2.89	0.563	1 1/4	0.313	3/8
C 25	2 1/4	1.73	1.125	1 1/2	0.125	1/8
C 26	2 1/2	1.52	0.438	1 1/2	0.156	3/8
C 28	2	2.71	0.588	1 1/2	0.313	5/8
		2.28	0.625	1 1/2	0.250	1/2
		2.07	0.594	1 1/2	0.219	3/8
		1.86	0.563	1 1/2	0.188	3/8
C 29	2	2.32	1.000	1	0.188	5/8
		1.59	1.000	1	0.125	1/2
C 37	1 1/2	1.76	0.625	1 1/2	0.250	1/2
		1.44	0.563	1 1/2	0.188	3/8
		1.12	0.500	1 1/2	0.125	3/8

CHANNELS—BAR MILL SIZES—Continued

MISCELLANEOUS CHANNELS

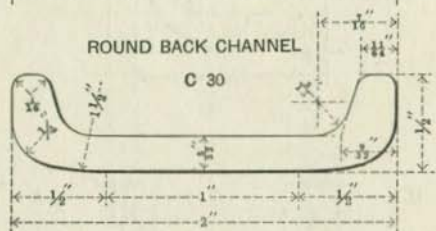
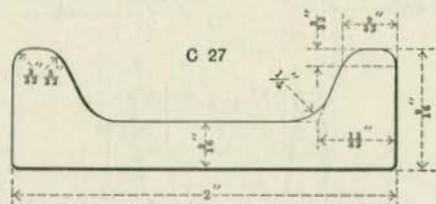
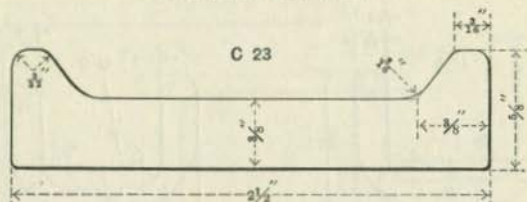


Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 31	1 1/2	1.17	0.750	3/4	0.125	1/8
C 32	1 1/4	1.26	0.563	1/2	0.188	1/8
		0.99	0.500	1/2	0.125	1/8
C 47	1	1.10	0.500	1/2	0.250	1/4
		0.89	0.438	1/2	0.188	1/8
C 35	1	0.68	0.375	3/8	0.125	1/8
		1.05	0.563	1/2	0.188	1/8
C 36	3/4	0.84	0.500	1/2	0.125	1/8
		0.61	0.375	3/8	0.125	1/8
C 38	3/4	0.56	0.375	3/8	0.125	1/8
		0.52	0.359	11/16	0.109	1/8

CHANNELS

CHANNELS—BAR MILL SIZES—Concluded

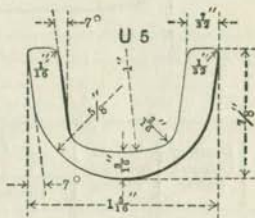
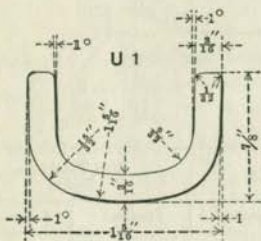
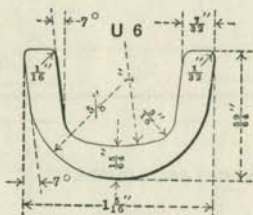
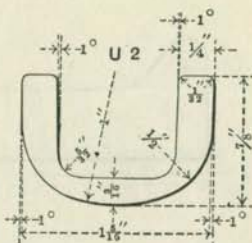
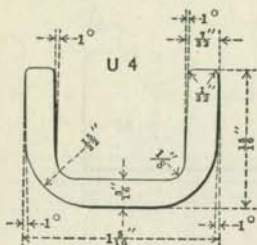
ROUND TOE CHANNELS



Section Index	Depth of Channel, Inches	Weight per Foot, Pounds	Flange Width, Inches		Web Thickness, Inches	
			Decimal	Fractional	Decimal	Fractional
C 23	2 1/2	4.70	0.750	3/4	0.500	1/2
		4.17	0.688	11/16	0.438	1/4
		3.64	0.625	3/8	0.375	3/8
C 27	2	3.36	0.750	3/4	0.375	3/8
		2.92	0.688	11/16	0.313	1/4
		2.50	0.625	3/8	0.250	3/4
		2.08	0.563	1/2	0.188	1/4
C 30	2	2.07	0.594	11/16	0.250	1/4
		1.68	0.531	11/16	0.188	1/4
		1.47	0.500	1/2	0.156	1/4

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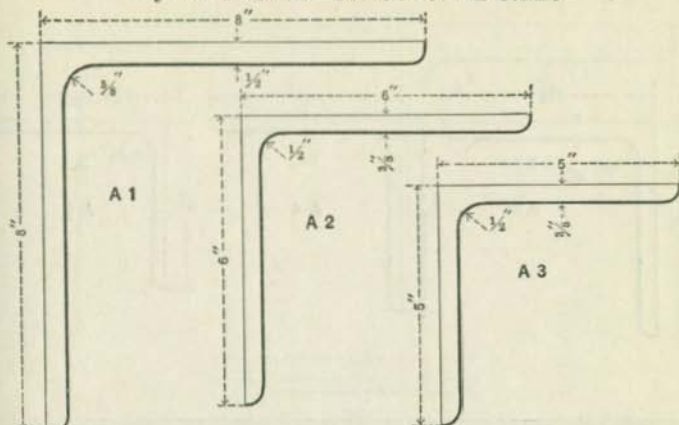
U-BARS



Section Index	Width Inches	Flange Width, Inches	Web Thickness, Inches	Weight per Foot, Pounds
U 4	1 1/8	1	1/8	1.66
U 2	1 1/8	3/4	1/8	1.60
U 6	1 1/8	7/8	1/8	1.58
U 1	1 1/8	1	1/8	1.50
U 5	1 1/8	7/8	1/8	1.38

ANGLES

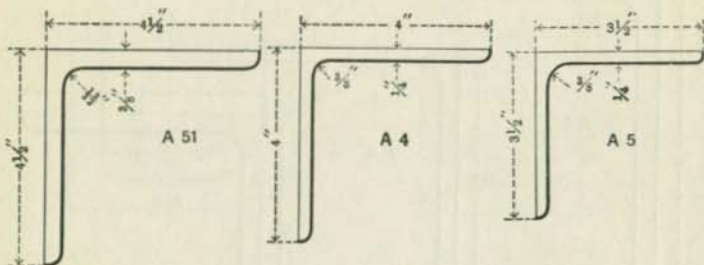
EQUAL ANGLES—STRUCTURAL SIZES



Section Index	Size, Inches	Thickness, Inches	Weight, per Foot, Pounds
A 1	8 x 8	$1\frac{3}{8}$	56.9
	8 x 8	$1\frac{1}{8}$	54.0
	8 x 8	1	51.0
	8 x 8	$\frac{11}{8}$	48.1
	8 x 8	$\frac{7}{8}$	45.0
	8 x 8	$\frac{11}{8}$	42.0
	8 x 8	$\frac{3}{4}$	38.9
	8 x 8	$\frac{11}{8}$	35.8
	8 x 8	$\frac{5}{8}$	32.7
	8 x 8	$\frac{1}{8}$	29.6
A 2	6 x 6	$\frac{1}{2}$	26.4
	6 x 6	1	37.4
	6 x 6	$\frac{11}{8}$	35.3
	6 x 6	$\frac{7}{8}$	33.1
	6 x 6	$\frac{11}{8}$	31.0
	6 x 6	$\frac{3}{4}$	28.7
	6 x 6	$\frac{11}{8}$	26.5
	6 x 6	$\frac{5}{8}$	24.2
	6 x 6	$\frac{1}{8}$	21.9
	6 x 6	$\frac{1}{8}$	19.6
A 3	5 x 5	$\frac{1}{8}$	17.2
	5 x 5	$\frac{1}{8}$	14.9
	5 x 5	$\frac{3}{8}$	30.6
	5 x 5	$\frac{11}{8}$	28.9
	5 x 5	$\frac{7}{8}$	27.2
	5 x 5	$\frac{11}{8}$	25.4
	5 x 5	$\frac{3}{4}$	23.6
	5 x 5	$\frac{11}{8}$	21.8
	5 x 5	$\frac{5}{8}$	20.0
	5 x 5	$\frac{1}{8}$	18.1
5 x 5	$\frac{1}{2}$	16.2	
5 x 5	$\frac{1}{8}$	14.3	
5 x 5	$\frac{3}{8}$	12.3	

ILLINOIS STEEL COMPANY

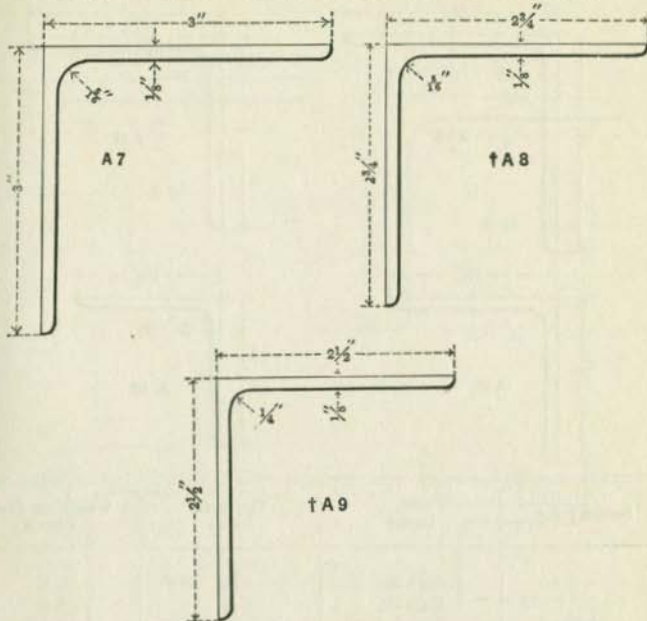
EQUAL ANGLES—STRUCTURAL SIZES—Continued



Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 51	4 1/2 x 4 1/2	3/8	21.15
	4 1/2 x 4 1/2	1/2	19.40
	4 1/2 x 4 1/2	5/8	17.74
	4 1/2 x 4 1/2	3/4	16.10
	4 1/2 x 4 1/2	7/8	14.40
	4 1/2 x 4 1/2	1	12.70
	4 1/2 x 4 1/2	3/4	10.95
A 4	4 x 4	1/2	19.9
	4 x 4	3/4	18.5
	4 x 4	1/2	17.1
	4 x 4	5/8	15.7
	4 x 4	3/4	14.3
	4 x 4	1/2	12.8
	4 x 4	5/8	11.3
	4 x 4	3/4	9.8
	4 x 4	1	8.2
4 x 4	3/4	6.6	
A 5	3 1/2 x 3 1/2	1/2	17.1
	3 1/2 x 3 1/2	3/4	16.0
	3 1/2 x 3 1/2	1/2	14.8
	3 1/2 x 3 1/2	5/8	13.6
	3 1/2 x 3 1/2	3/4	12.4
	3 1/2 x 3 1/2	1/2	11.1
	3 1/2 x 3 1/2	5/8	9.8
	3 1/2 x 3 1/2	3/4	8.5
	3 1/2 x 3 1/2	1	7.2
	3 1/2 x 3 1/2	3/4	5.8

ANGLES

EQUAL ANGLES—STRUCTURAL SIZES—Concluded

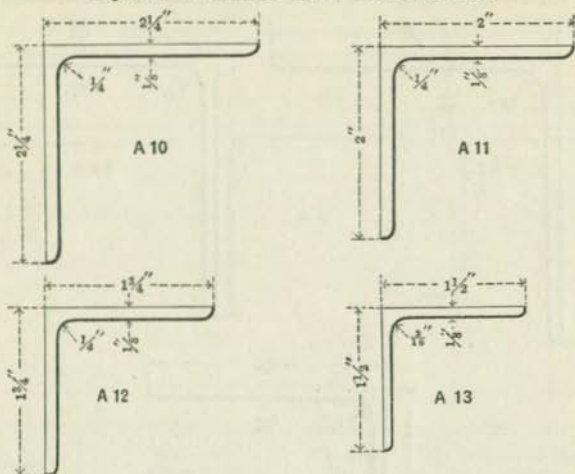


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A7	3 x 3	5/8	11.5
	3 x 3	1/2	10.4
	3 x 3	3/8	9.4
	3 x 3	5/16	8.3
	3 x 3	3/16	7.2
	3 x 3	1/4	6.1
	3 x 3	5/16	4.9
	3 x 3	3/8	3.71
†A8	†3 x 3	1/2	2.50
	2 3/4 x 2 3/4	5/8	5.6
	2 3/4 x 2 3/4	1/2	4.5
	2 3/4 x 2 3/4	3/8	3.39
†A9	2 3/4 x 2 3/4	1/4	2.29
	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	3/8	7.7
	2 1/2 x 2 1/2	5/16	6.8
	2 1/2 x 2 1/2	3/16	5.9
	2 1/2 x 2 1/2	1/4	5.0
	2 1/2 x 2 1/2	5/16	4.1
	2 1/2 x 2 1/2	3/8	3.07
2 1/2 x 2 1/2	1/2	2.08	

†Bar Mill Sizes.

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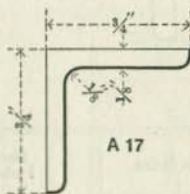
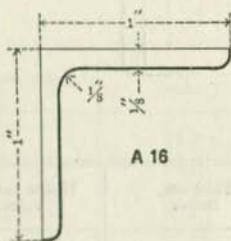
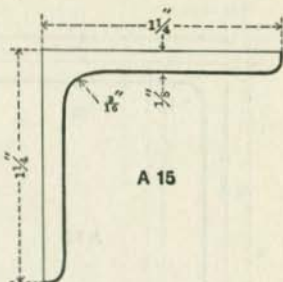
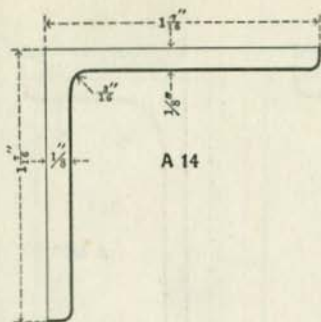
EQUAL ANGLES—BAR MILL SIZES



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	5/16	4.5
	2 1/4 x 2 1/4	1/4	3.62
	2 1/4 x 2 1/4	5/16	2.75
	2 1/4 x 2 1/4	3/8	1.86
A 11	2 x 2	1/2	6.0
	2 x 2	5/16	5.3
	2 x 2	3/8	4.70
	2 x 2	5/16	3.92
	2 x 2	1/4	3.19
	2 x 2	5/16	2.44
A 12	1 3/4 x 1 3/4	3/8	3.99
	1 3/4 x 1 3/4	5/16	3.39
	1 3/4 x 1 3/4	1/4	2.77
	1 3/4 x 1 3/4	5/16	2.12
	1 3/4 x 1 3/4	3/8	1.44
A 13	1 1/2 x 1 1/2	5/16	3.88
	1 1/2 x 1 1/2	3/8	3.35
	1 1/2 x 1 1/2	5/16	2.86
	1 1/2 x 1 1/2	1/4	2.34
	1 1/2 x 1 1/2	5/16	1.80
	1 1/2 x 1 1/2	3/8	1.23

ANGLES

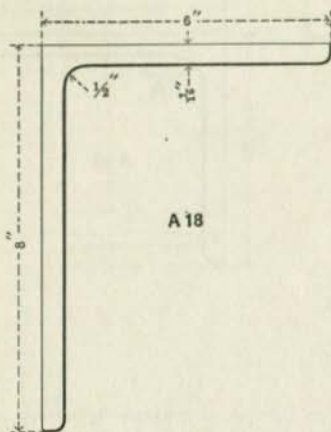
EQUAL ANGLES—BAR MILL SIZES—Concluded



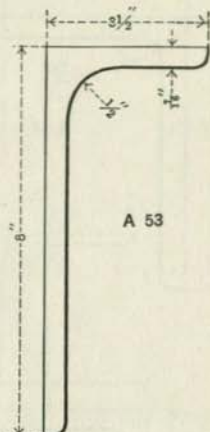
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 14	$1\frac{1}{8} \times 1\frac{1}{8}$	$\frac{1}{8}$	1.71
	$1\frac{1}{8} \times 1\frac{3}{8}$	$\frac{1}{8}$	1.44
	$1\frac{3}{8} \times 1\frac{3}{8}$	$\frac{1}{8}$	1.17
A 15	$1\frac{1}{4} \times 1\frac{1}{4}$	$\frac{1}{8}$	2.33
	$1\frac{1}{4}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

ILLINOIS STEEL COMPANY

UNEQUAL ANGLES—STRUCTURAL SIZES



A 18

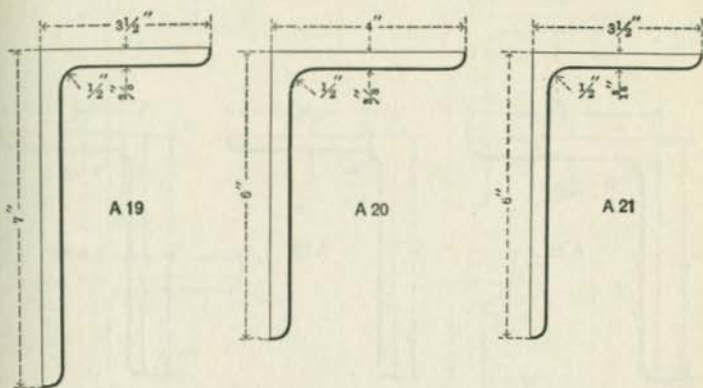


A 53

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	$\frac{3}{8}$	39.1
	8 x 6	$\frac{11}{16}$	36.5
	8 x 6	$\frac{3}{8}$	33.8
	8 x 6	$\frac{11}{16}$	31.2
	8 x 6	$\frac{3}{8}$	28.5
	8 x 6	$\frac{1}{4}$	25.7
	8 x 6	$\frac{1}{2}$	23.0
	8 x 6	$\frac{1}{4}$	20.2
A 53	8 x 3 1/2	1	35.7
	8 x 3 1/2	$\frac{11}{16}$	33.7
	8 x 3 1/2	$\frac{3}{8}$	31.7
	8 x 3 1/2	$\frac{11}{16}$	29.6
	8 x 3 1/2	$\frac{3}{8}$	27.5
	8 x 3 1/2	$\frac{11}{16}$	25.3
	8 x 3 1/2	$\frac{3}{8}$	23.2
	8 x 3 1/2	$\frac{1}{4}$	21.0
	8 x 3 1/2	$\frac{1}{2}$	18.7
	8 x 3 1/2	$\frac{1}{4}$	16.5

ANGLES

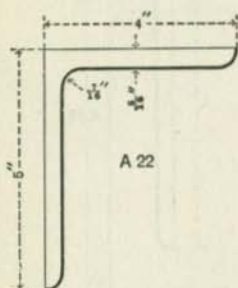
UNEQUAL ANGLES—STRUCTURAL SIZES—Continued



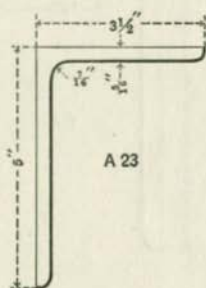
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 19	7 x 3 1/2	1	32.3
	7 x 3 1/2	3/4	30.5
	7 x 3 1/2	5/8	28.7
	7 x 3 1/2	1/2	26.8
	7 x 3 1/2	3/4	24.9
	7 x 3 1/2	1/2	23.0
	7 x 3 1/2	5/8	21.0
	7 x 3 1/2	3/8	19.1
	7 x 3 1/2	1/2	17.0
	7 x 3 1/2	5/8	15.0
A 20	6 x 4	1	30.6
	6 x 4	3/4	28.9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

ILLINOIS STEEL COMPANY

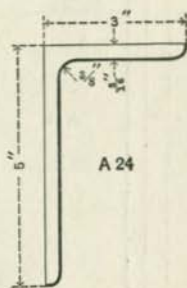
UNEQUAL ANGLES—STRUCTURAL SIZES—Continued



A 22



A 23

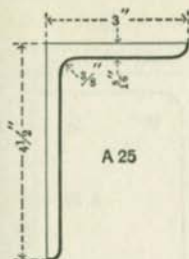


A 24

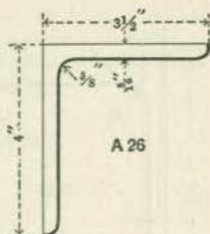
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 22	5 x 4	$\frac{7}{8}$	24.2
	5 x 4	$\frac{11}{16}$	22.7
	5 x 4	$\frac{13}{16}$	21.1
	5 x 4	$\frac{11}{8}$	19.5
	5 x 4	$\frac{5}{8}$	17.8
	5 x 4	$\frac{3}{4}$	16.2
	5 x 4	$\frac{1}{2}$	14.5
	5 x 4	$\frac{7}{16}$	12.8
	5 x 4	$\frac{3}{8}$	11.0
A 23	5 x 4	$\frac{1}{8}$	9.3
	5 x 3 1/2	$\frac{7}{8}$	22.7
	5 x 3 1/2	$\frac{11}{16}$	21.3
	5 x 3 1/2	$\frac{13}{16}$	19.8
	5 x 3 1/2	$\frac{11}{8}$	18.3
	5 x 3 1/2	$\frac{5}{8}$	16.8
	5 x 3 1/2	$\frac{3}{4}$	15.2
	5 x 3 1/2	$\frac{1}{2}$	13.6
	5 x 3 1/2	$\frac{7}{16}$	12.0
A 24	5 x 3 1/2	$\frac{3}{8}$	10.4
	5 x 3 1/2	$\frac{1}{8}$	8.7
	5 x 3	$\frac{11}{16}$	19.9
	5 x 3	$\frac{3}{4}$	18.5
	5 x 3	$\frac{13}{16}$	17.1
	5 x 3	$\frac{5}{8}$	15.7
	5 x 3	$\frac{7}{8}$	14.3
	5 x 3	$\frac{1}{2}$	12.8
	5 x 3	$\frac{7}{16}$	11.3
5 x 3	$\frac{3}{8}$	9.8	
5 x 3	$\frac{1}{8}$	8.2	

ANGLES

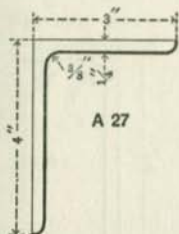
UNEQUAL ANGLES—STRUCTURAL SIZES—Continued



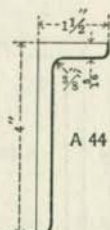
A 25



A 26



A 27

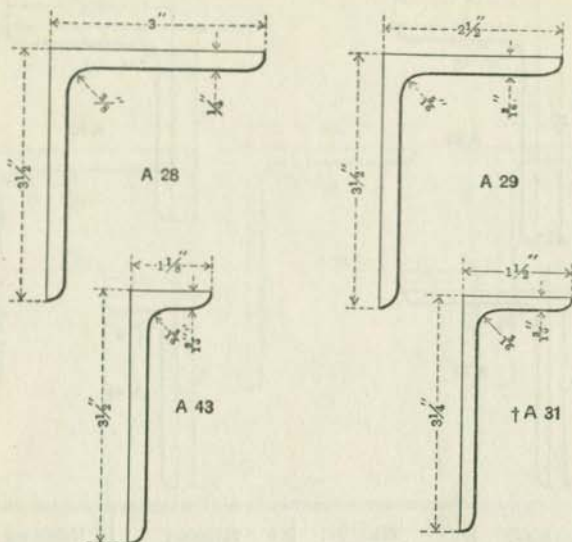


A 44

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 25	4 1/2 x 3	1/8	18.5
	4 1/2 x 3	3/16	17.3
	4 1/2 x 3	1/4	16.0
	4 1/2 x 3	5/16	14.7
	4 1/2 x 3	3/8	13.3
	4 1/2 x 3	7/16	11.9
	4 1/2 x 3	1/2	10.6
	4 1/2 x 3	5/8	9.1
A 26	4 x 3 1/2	1/8	18.5
	4 x 3 1/2	3/16	17.3
	4 x 3 1/2	1/4	16.0
	4 x 3 1/2	5/16	14.7
	4 x 3 1/2	3/8	13.3
	4 x 3 1/2	7/16	11.9
	4 x 3 1/2	1/2	10.6
	4 x 3 1/2	5/8	9.1
A 27	4 x 3	1/8	17.1
	4 x 3	3/16	16.0
	4 x 3	1/4	14.8
	4 x 3	5/16	13.6
	4 x 3	3/8	12.4
	4 x 3	7/16	11.1
	4 x 3	1/2	9.8
	4 x 3	5/8	8.5
A 44	4 x 3	3/8	7.2
	4 x 3	1/2	5.8
A 44	4 x 1 1/2	1/8	5.5

ILLINOIS STEEL COMPANY

UNEQUAL ANGLES—STRUCTURAL SIZES—Continued

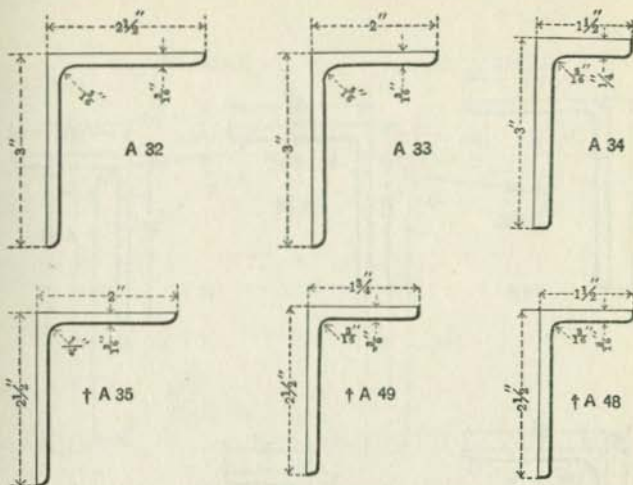


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 28	$3\frac{1}{2} \times 3$	$\frac{11}{16}$	15.8
	$3\frac{1}{2} \times 3$	$\frac{3}{4}$	14.7
	$3\frac{1}{2} \times 3$	$\frac{11}{16}$	13.6
	$3\frac{1}{2} \times 3$	$\frac{1}{2}$	12.5
	$3\frac{1}{2} \times 3$	$\frac{7}{8}$	11.4
	$3\frac{1}{2} \times 3$	$\frac{1}{2}$	10.2
	$3\frac{1}{2} \times 3$	$\frac{1}{2}$	9.1
	$3\frac{1}{2} \times 3$	$\frac{7}{8}$	7.9
	$3\frac{1}{2} \times 3$	$\frac{1}{2}$	6.6
	$3\frac{1}{2} \times 3$	$\frac{3}{4}$	5.4
A 29	$3\frac{1}{2} \times 2\frac{1}{2}$	$\frac{11}{16}$	12.5
	$3\frac{1}{2} \times 2\frac{1}{2}$	$\frac{3}{4}$	11.5
	$3\frac{1}{2} \times 2\frac{1}{2}$	$\frac{11}{16}$	10.4
	$3\frac{1}{2} \times 2\frac{1}{2}$	$\frac{1}{2}$	9.4
	$3\frac{1}{2} \times 2\frac{1}{2}$	$\frac{7}{8}$	8.3
	$3\frac{1}{2} \times 2\frac{1}{2}$	$\frac{1}{2}$	7.2
	$3\frac{1}{2} \times 2\frac{1}{2}$	$\frac{7}{8}$	6.1
	$3\frac{1}{2} \times 2\frac{1}{2}$	$\frac{3}{4}$	4.9
A 43	$3\frac{1}{2} \times 1\frac{1}{2}$	$\frac{3}{4}$	3.72
	$3\frac{1}{2} \times 1\frac{1}{2}$	$\frac{1}{2}$	2.90
†A 31	$3\frac{1}{2} \times 1\frac{1}{2}$	$\frac{3}{8}$	2.91

†Bar mill sizes.

ANGLES

UNEQUAL ANGLES—STRUCTURAL SIZES—Concluded

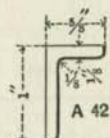
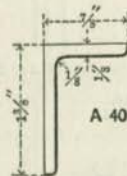
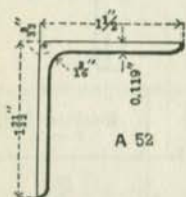
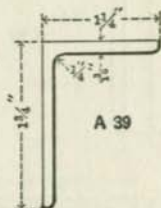
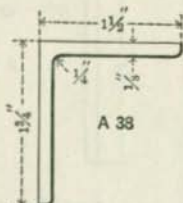
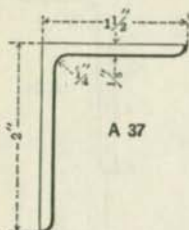


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 32	3 x 2 1/2	5/8	10.5
	3 x 2 1/2	3/4	9.5
	3 x 2 1/2	5/8	8.5
	3 x 2 1/2	3/4	7.6
	3 x 2 1/2	5/8	6.6
	3 x 2 1/2	3/4	5.6
	†3 x 2 1/2	5/8	4.5
A 33	3 x 2	5/8	9.5
	3 x 2	3/4	8.6
	3 x 2	5/8	7.7
	3 x 2	3/4	6.8
	3 x 2	5/8	5.9
	3 x 2	3/4	5.0
	†3 x 2	5/8	4.1
A 34	3 x 1 1/2	3/4	3.62
	2 1/2 x 2	3/8	5.3
†A 35	2 1/2 x 2	5/8	4.5
	2 1/2 x 2	3/4	3.62
	2 1/2 x 2	5/8	2.75
†A 49	2 1/2 x 1 3/4	3/4	3.40
	2 1/2 x 1 3/4	5/8	2.59
†A 48	2 1/2 x 1 1/2	5/8	3.92
	2 1/2 x 1 1/2	3/4	3.19
	2 1/2 x 1 1/2	5/8	2.44

†Bar mill sizes.

ILLINOIS STEEL COMPANY

UNEQUAL ANGLES—BAR MILL SIZES

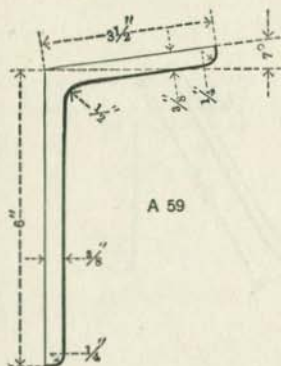


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 37	2 x 1 1/2	3/8	3.99
	2 x 1 1/2	1/2	3.39
	2 x 1 1/2	3/4	2.77
	2 x 1 1/2	1/2	2.12
A 38	1 3/4 x 1 3/4	1/4	1.44
	1 3/4 x 1 3/4	1/2	1.96
	1 3/4 x 1 3/4	3/8	1.33
A 39	1 3/4 x 1 1/4	3/8	2.34
	1 3/4 x 1 1/4	1/2	1.80
A 52	1 1/2 x 1 1/2	0.119	1.23
A 40	1 3/8 x 7/8	1/8	1.32
	1 3/8 x 7/8	1/2	0.91
A 42	1 x 5/8	1/8	0.92
	1 x 5/8	1/2	0.64

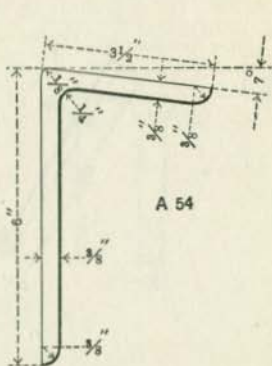
ANGLES

CAR BUILDING ANGLES—STRUCTURAL SIZES

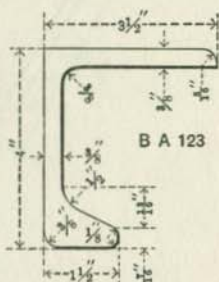
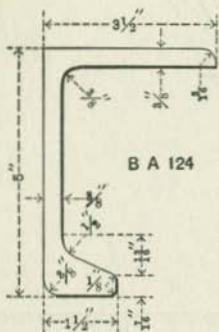
OBTUSE ANGLE



ACUTE ANGLE



BULB ANGLES

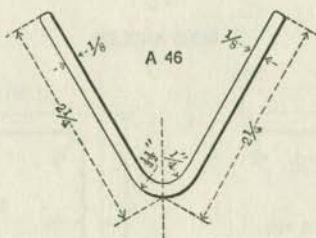
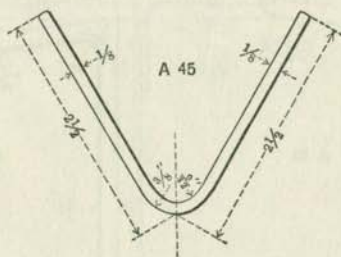


Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 59	6 x 3 1/2	3/8	11.72
A 54	6 x 3 1/2	3/8	11.70
BA 124	5 x 3 1/2	3/8	13.20
BA 123	4 x 3 1/2	3/8	11.90

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ROUND BACK ANGLES—BAR MILL SIZES

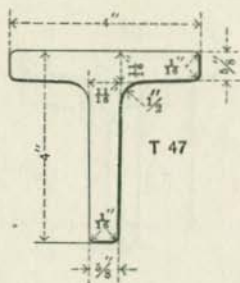
60 DEGREE



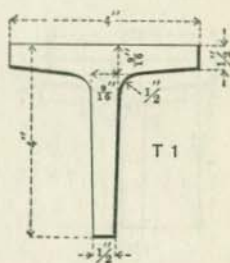
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A 45	2½ x 2½	¼	4.22
	2½ x 2½	⅜	3.16
	2½ x 2½	½	2.12
A 46	2¼ x 2¼	¼	3.79
	2¼ x 2¼	⅜	2.86
	2¼ x 2¼	½	1.90

TEES

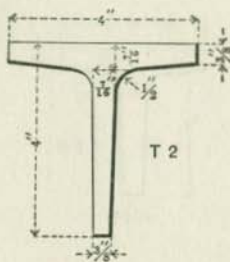
EQUAL TEES—STRUCTURAL SIZES



T 47



T 1

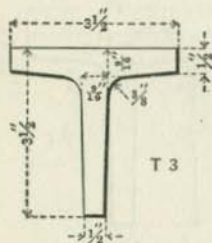


T 2

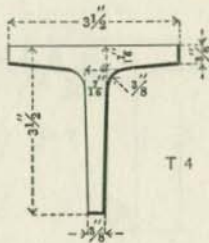
Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 47	4	4	$\frac{5}{16}$ to $\frac{11}{16}$	$\frac{5}{8}$ to $\frac{11}{8}$	16.7
T 1	4	4	$\frac{1}{2}$ to $\frac{3}{8}$	$\frac{1}{2}$ to $\frac{3}{8}$	13.5
T 2	4	4	$\frac{3}{8}$ to $\frac{1}{2}$	$\frac{3}{8}$ to $\frac{1}{2}$	10.5

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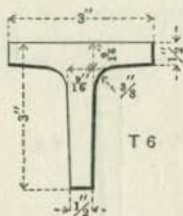
EQUAL TEES—STRUCTURAL SIZES—Continued



T 3



T 4

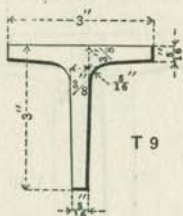
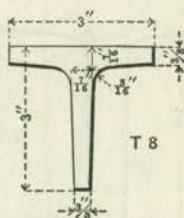
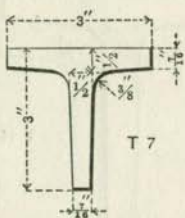


T 6

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 1/4	3/8 to 1/2	11.7
T 4	3 1/2	3 1/2	3/8 to 1/2	3/8 to 1/2	9.2
T 6	3	3	1/2 to 1/4	3/8 to 1/2	9.9

TEES

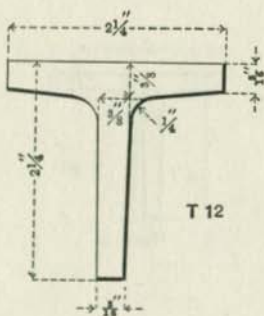
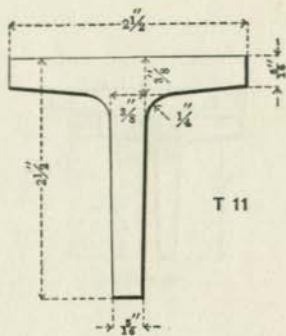
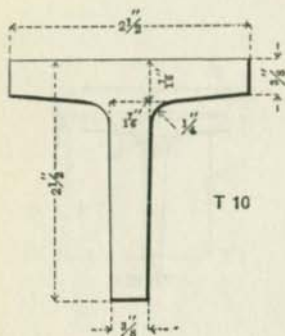
EQUAL TEES—STRUCTURAL SIZES—Concluded



Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 7	3	3	$\frac{1}{8}$ to $\frac{1}{2}$	$\frac{1}{8}$ to $\frac{1}{2}$	8.9
T 8	3	3	$\frac{3}{8}$ to $\frac{1}{4}$	$\frac{3}{8}$ to $\frac{1}{4}$	7.8
T 9	3	3	$\frac{1}{8}$ to $\frac{3}{8}$	$\frac{1}{8}$ to $\frac{3}{8}$	6.7

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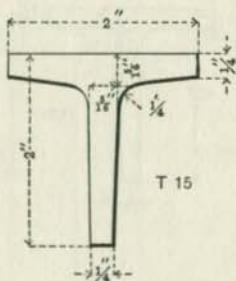
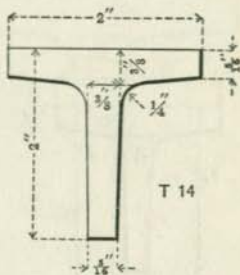
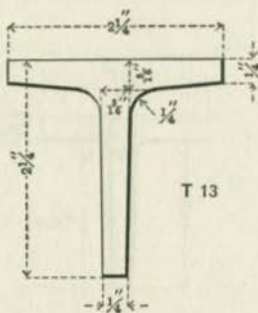
EQUAL TEES—BAR MILL SIZES



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 1/4	2 1/4	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

TEES

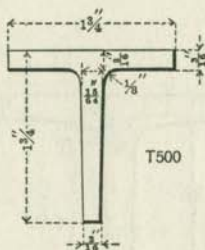
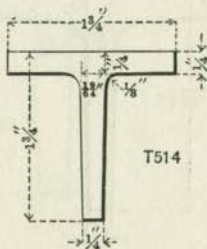
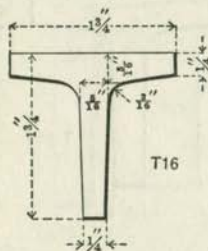
EQUAL TEES—BAR MILL SIZES—Continued



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

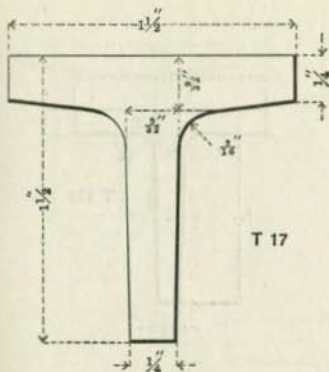
EQUAL TEES—BAR MILL SIZES—Continued.



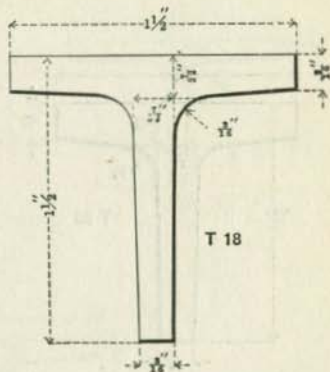
Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 16	1 3/4	1 3/4	1/8 to 1/8	1/4 to 1/8	3.1
T 514	1 3/4	1 3/4	1/4 to 1/4	1/4 to 1/4	2.9
T 500	1 3/4	1 3/4	1/8 to 1/8	1/8 to 1/4	2.3

TEES

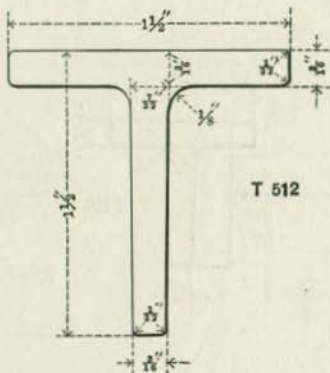
EQUAL TEES—BAR MILL SIZES—Continued



T 17



T 18

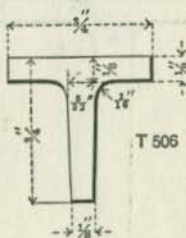
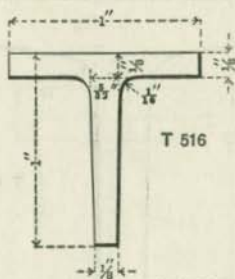
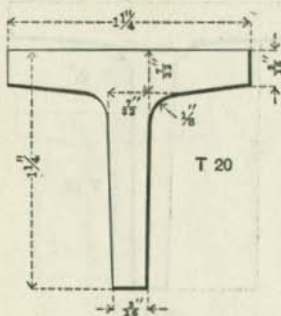


T 512

Section Index	Size, Inches		Thickness, Inches		Weight Per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 17	1 1/2	1 1/2	1/4 to 5/16	1/4 to 3/8	2.47
T 18	1 1/2	1 1/2	3/16 to 1/4	3/16 to 1/4	1.94
T 512	1 1/2	1 1/2	1/16 to 1/8	1/16 to 1/4	1.88

ILLINOIS STEEL COMPANY

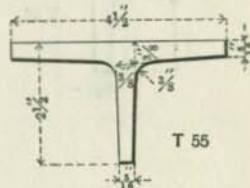
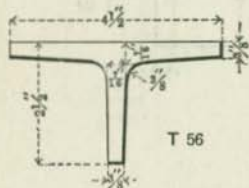
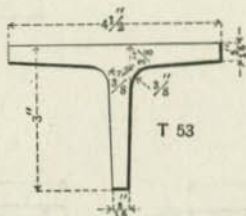
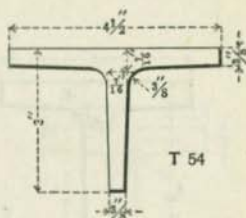
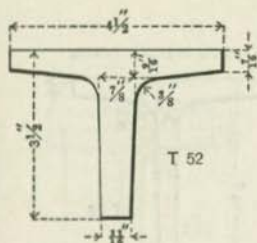
EQUAL TEES—BAR MILL SIZES—Concluded



Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 20	1 1/4	1 1/4	1/8 to 1/8	1/8 to 1/8	1.6
T 516	1	1	1/8 to 1/8	1/8 to 1/8	0.9
T 506	3/4	3/4	1/8 to 1/8	1/8 to 1/8	0.6

TEES

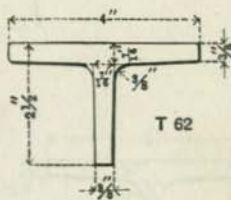
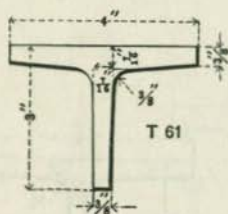
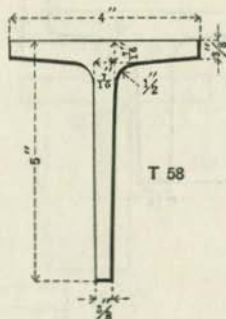
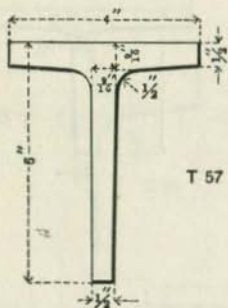
UNEQUAL TEES—STRUCTURAL SIZES



Section Index	Size, Inches		Thickness, Inches		Weight Per Foot, Pound
	Flange	Stem	Flange	Stem	
T 52	4 1/2	3 1/2	1/4 to 1/4	1/2 to 1/2	15.7
T 54	4 1/2	3	3/8 to 1/4	3/8 to 1/4	9.8
T 53	4 1/2	3	1/4 to 3/8	1/4 to 3/8	8.4
T 56	4 1/2	2 1/2	3/8 to 1/4	3/8 to 1/4	9.2
T 55	4 1/2	2 1/2	1/4 to 3/8	1/4 to 3/8	7.8

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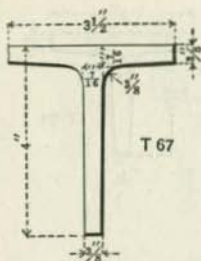
UNEQUAL TEES—STRUCTURAL SIZES—Continued



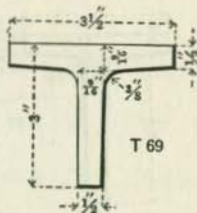
Section Index	Size, Inches		Thickness, Inches		Weight Per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 57	4	5	$\frac{1}{2}$ to $\frac{1}{8}$	$\frac{1}{2}$ to $\frac{1}{8}$	15.3
T 58	4	5	$\frac{3}{8}$ to $\frac{1}{8}$	$\frac{3}{8}$ to $\frac{1}{8}$	11.9
T 61	4	3	$\frac{3}{8}$ to $\frac{1}{8}$	$\frac{3}{8}$ to $\frac{1}{8}$	9.2
T 62	4	2½	$\frac{3}{8}$ to $\frac{1}{8}$	$\frac{3}{8}$ to $\frac{1}{8}$	8.5

TEES

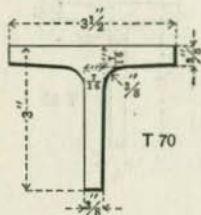
UNEQUAL TEES—STRUCTURAL SIZES—Continued



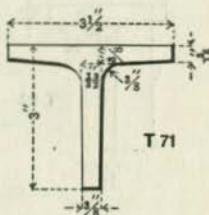
T 67



T 69



T 70

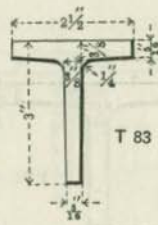
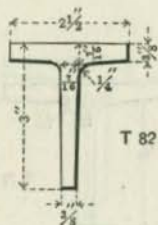
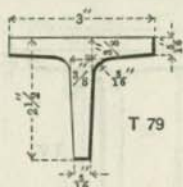
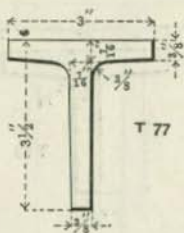


T 71

Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 67	3 1/2	4	3/8 to 1/2	3/8 to 1/2	9.8
T 69	3 1/2	3	1/2 to 1/2	3/8 to 1/2	10.8
T 70	3 1/2	3	3/8 to 1/2	3/8 to 1/2	8.5
T 71	3 1/2	3	1/2 to 3/8	3/8 to 1/2	7.5

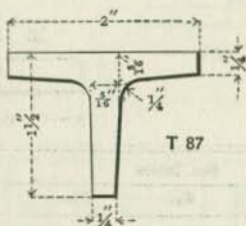
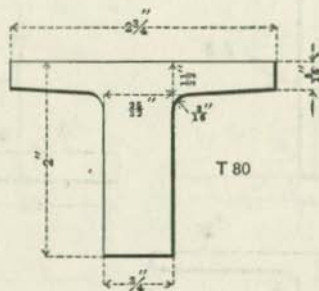
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UNEQUAL TEES—STRUCTURAL SIZES—Concluded



Section Index	Size, Inches		Thickness, Inches		Weight Per Foot, Pounds
	Flange	Stem	Flange	Stem	
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 82	2 1/2	3	3/8 to 1/8	3/8 to 1/8	7.1
T 83	2 1/2	3	1/8 to 3/8	1/8 to 3/8	6.1

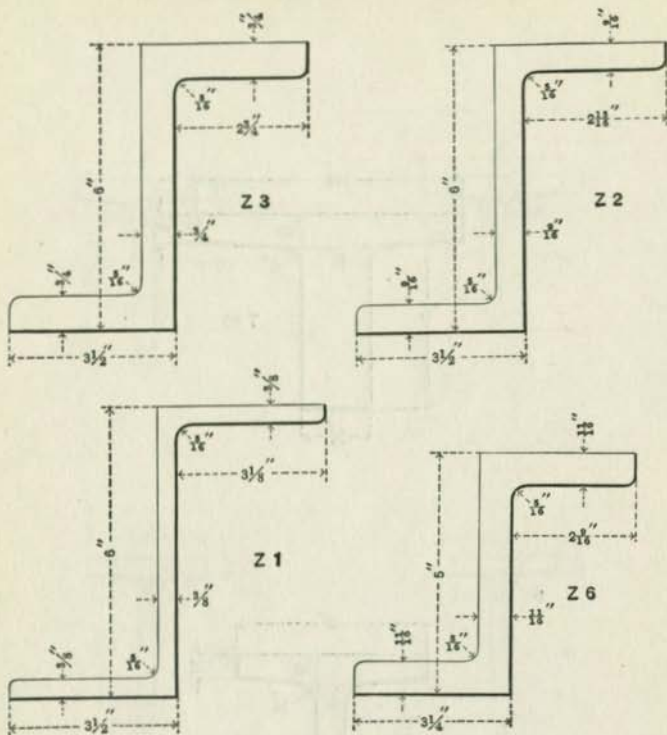
UNEQUAL TEES—BAR MILL SIZES



Section Index	Size, Inches		Thickness, Inches		Weight per Foot, Pounds
	Flange	Stem	Flange	Stem	
T 80	2 3/4	2	1/8 to 1/4	1/4 to 1/2	7.2
T 87	2	1 1/2	1/4 to 1/8	1/4 to 1/8	3.1

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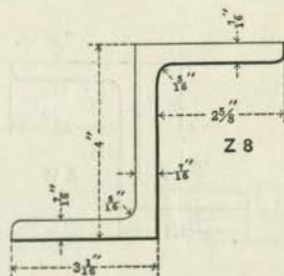
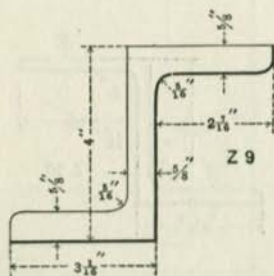
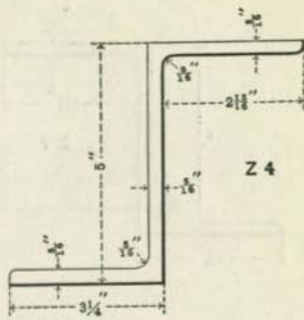
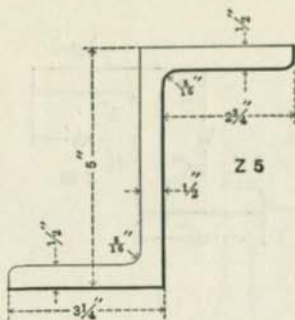
ZEES—STRUCTURAL SIZES



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

Z E E S

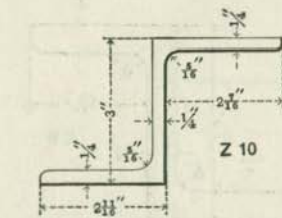
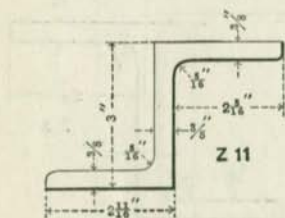
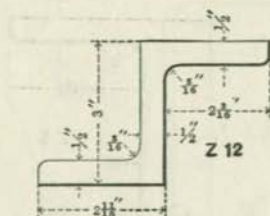
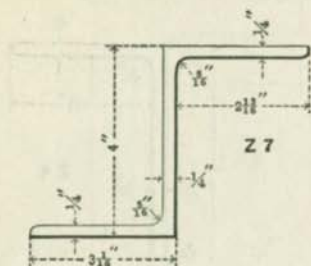
Z E E S—STRUCTURAL SIZES—Continued



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

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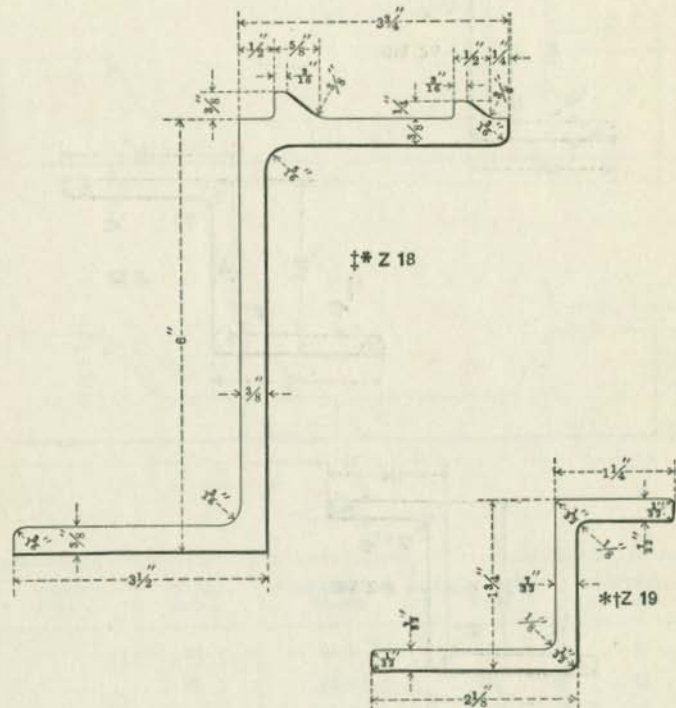
ZEES—STRUCTURAL SIZES—Concluded



Section Index	Size, Inches			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
Z 7	3 1/8	4 1/8	3 1/8	3/16	12.5
	3 3/8	4 1/8	3 3/8	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	3/16	12.6
Z 11	2 3/4	3 1/8	2 3/4	1/8	11.5
	2 1/2	3	2 1/2	3/16	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

ZEES

CAR BUILDING ZEES—MISCELLANEOUS



Section Index	SIZE, INCHES			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
†*Z 18	3 1/4	6	3 1/2	3/4	16.67
*†Z 19	1 1/4	1 3/4	2 1/2	1/4	3.49

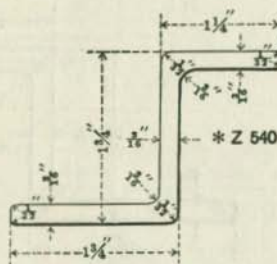
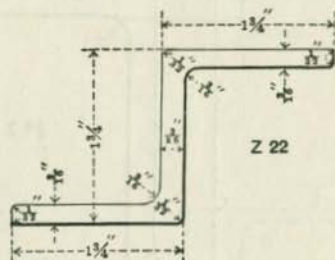
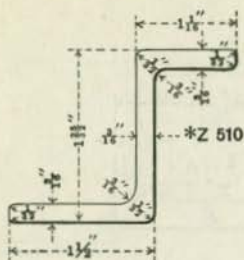
†Structural Size

†Bar mill size.

*Furnished only by special arrangement.

ILLINOIS STEEL COMPANY

CAR BUILDING ZEES—BAR MILL SIZES



Section Index	SIZE, INCHES			Thickness, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
*Z 510	1 1/4	1 1/2	1/8	1/4	3.45
	1/8	1 1/2	1/2	1/8	2.53
Z 22	1 3/4	1 3/4	1 3/4	1/8	3.16
*Z 540	1 3/4	1 3/4	1 3/4	1/8	2.79

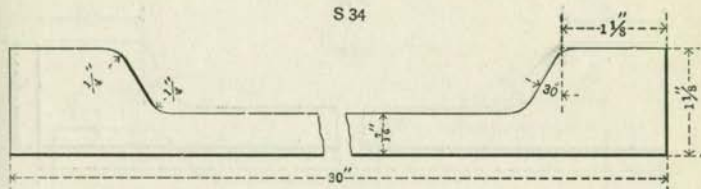
*Furnished only by special arrangement

MISCELLANEOUS TIRE SECTIONS

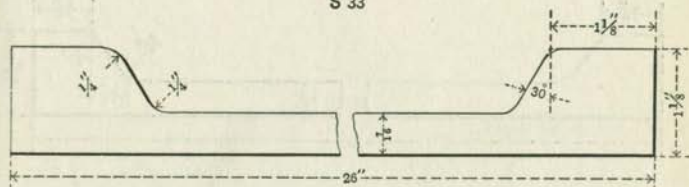
TRACTOR TIRES

REAR WHEEL

S 34



S 33

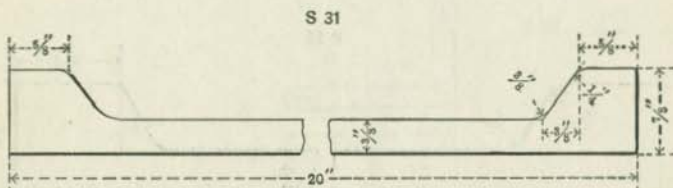
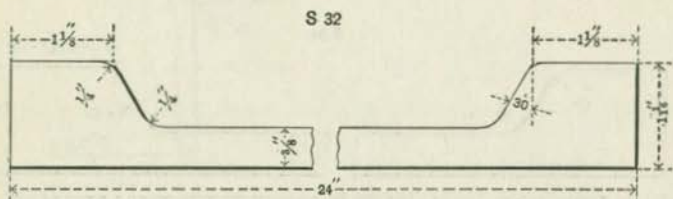


Section Index	Width, Inches	Weight per Foot, Pounds	Height of Bead, Inches	Web Thickness, Inches
S 34	30	82.9	1 $\frac{1}{8}$	$\frac{3}{4}$
	30	76.5	1 $\frac{3}{8}$	$\frac{11}{8}$
	30	70.1	1 $\frac{1}{8}$	$\frac{5}{8}$
	30	63.7	1 $\frac{1}{4}$	$\frac{1}{8}$
	30	57.4	1 $\frac{1}{8}$	$\frac{1}{2}$
	30	51.0	1 $\frac{1}{8}$	$\frac{1}{8}$
S 33	26	72.6	1 $\frac{1}{8}$	$\frac{3}{4}$
	26	67.1	1 $\frac{3}{8}$	$\frac{11}{8}$
	26	61.6	1 $\frac{1}{8}$	$\frac{5}{8}$
	26	56.1	1 $\frac{1}{4}$	$\frac{1}{8}$
	26	50.5	1 $\frac{1}{8}$	$\frac{1}{2}$
	26	45.0	1 $\frac{1}{8}$	$\frac{1}{8}$

ILLINOIS STEEL COMPANY

TRACTOR TIRE—Continued

REAR WHEEL



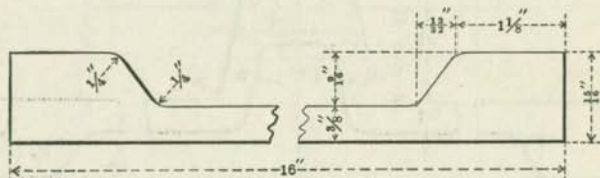
Section Index	Width, Inches	Weight per Foot, Pounds	Height of Bead, Inches	Web Thickness, Inches
S 32	24	67.5	$1\frac{1}{8}$	$\frac{3}{4}$
	24	62.4	$1\frac{1}{4}$	$\frac{11}{16}$
	24	57.3	$1\frac{1}{8}$	$\frac{5}{8}$
	24	52.2	$1\frac{1}{4}$	$\frac{1}{2}$
	24	47.1	$1\frac{1}{8}$	$\frac{1}{2}$
	24	42.0	$1\frac{1}{4}$	$\frac{1}{2}$
	24	36.9	$1\frac{1}{8}$	$\frac{3}{8}$
S 31	20	54.0	$1\frac{1}{4}$	$\frac{3}{4}$
	20	49.7	$1\frac{1}{8}$	$\frac{11}{16}$
	20	45.5	$1\frac{1}{4}$	$\frac{5}{8}$
	20	41.2	$1\frac{1}{8}$	$\frac{1}{2}$
	20	37.0	1	$\frac{1}{2}$
	20	32.7	$\frac{11}{16}$	$\frac{1}{2}$
	20	28.5	$\frac{3}{8}$	$\frac{3}{8}$

MISCELLANEOUS TIRE SECTIONS

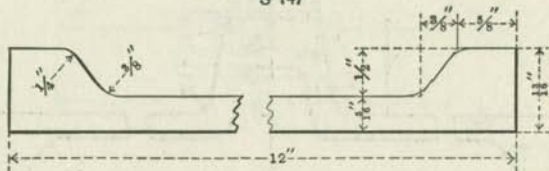
TRACTOR TIRE—Continued

REAR WHEEL

S 138



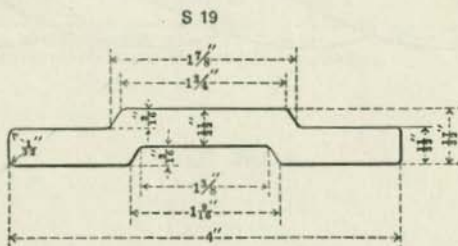
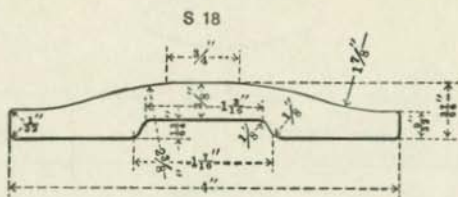
S 147



Section Index	Width, Inches	Weight per Foot, Pounds	Height of Bead, Inches	Web Thickness Inches
S 138	16	46.2	1 5/8	3/4
	16	42.8	1 1/4	11/8
	16	39.4	1 1/8	1 1/8
	16	36.0	1 1/8	1 1/8
	16	32.6	1 1/8	1 1/2
	16	29.2	1	1 1/8
	16	25.8	1 1/4	3/8
S 147	12	30.5	1 5/8	1 1/8
	12	28.0	1 1/8	1 1/8
	12	25.5	1 1/8	1 1/8
	12	23.0	1	1 1/2
	12	20.5	1 1/4	1 1/8
	12	18.0	1 1/8	1 1/8
	12	15.5	1 1/4	1 1/8

MISCELLANEOUS TIRE SECTIONS

GROOVED TIRE



Section Index	Size, Inches	Weight per Foot, Pounds
S 18	4 x 1 1/2 x 3/8	6.7
	4 x 1 1/2 x 1/2	7.0
	4 x 1 1/2 x 3/4	5.3
	4 x 1 1/2	10.0
	4 x 1 1/2	8.3
	4 x 1 1/2	7.0
S 19	4 x 1 1/2	6.6
	4 x 1 1/4	6.2
	4 x 1 1/4	5.8
	4 x 3/4	5.3
	4 x 1 1/2	4.9

ILLINOIS STEEL COMPANY

CONCRETE REINFORCEMENT BARS

COLD TWISTED SQUARE BARS

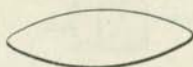


Size, Inches	Area, Square Inches	Weight per Foot, Pounds
1½	1.56	5.31
1¼	1.27	4.30
1	1.00	3.40
¾	0.79	2.70
⅝	0.61	2.08
⅜	0.45	1.53
¼	0.32	1.08
⅓	0.25	0.85
⅙	0.19	0.65
⅓	0.11	0.37

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

OVAL SECTIONS

OVALS



Width, Inches	Thickness, Inches
1½	½
1	⅜ and ½
¾	⅜, ⅝, ⅞ and ½
¾	⅜, ⅝, ⅞ and ½
⅝	⅜, ⅝ and ⅞
⅜	⅜ and ⅝

For table of weights, see page 207.
 Sizes not included in above list may be submitted for consideration.

HALF OVALS

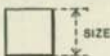


Width, Inches	Thickness, Inches
3½	⅜ and ⅝
3	⅜, ⅝ and ⅞
2½	⅜, ⅝ and ⅞
2¼	¼, ⅜, ⅝
2	¼, ⅜, ⅝, ⅞, ⅞, ⅞, ⅞, ⅞, ⅞
1¾	⅜, ⅝, ⅞, ⅞, ⅞
1½	¼, ⅜ and ⅝
1¼	⅜, ⅜, ⅝, ⅞
1½	¼, ⅜, ⅞
1	⅜, ¼
¾	⅜, ⅜, ¼, ⅜, ⅞, ⅞
¾	⅜, ⅜, ¼
⅝	⅜
⅝	⅜

For table of weights, see page 207.
 Sizes not included in above list may be submitted for consideration.

ILLINOIS STEEL COMPANY

SQUARES



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

Size $1\frac{1}{4}$ " to $2\frac{1}{2}$ ", inclusive, advancing by 16ths.

Size $2\frac{3}{4}$ " to $3\frac{1}{2}$ ", inclusive, advancing by 8ths.

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

Size $\frac{1}{16}$ ", $\frac{3}{16}$ ", $\frac{1}{8}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ".

Size various decimals from .314" to 1.969".

Small sizes can be furnished in coils.

For tables of weights see pages 208 to 210, inclusive.

ROUND CORNERED SQUARES



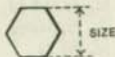
Size $1\frac{1}{4}$ ", $1\frac{1}{2}$ ", $1\frac{3}{4}$ ", 2", $2\frac{1}{8}$ ", $2\frac{1}{4}$ ".

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

Size $3\frac{3}{4}$ ", $3\frac{7}{8}$ ", 5", 6", 7".

Weights approximately same as squares of corresponding sizes.

HEXAGONS



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

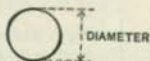
Size $\frac{3}{8}$ " to $2\frac{1}{8}$ ", inclusive, advancing by 16ths.

Size $2\frac{3}{4}$ ", $2\frac{11}{16}$ ", 3", $3\frac{1}{16}$ ".

For tables of weights see page 211.

FLAT ROLLED STEEL

ROUNDS



- Size $\frac{1}{4}''$ to $1\frac{1}{4}''$, inclusive, advancing by 64ths.
Size $1\frac{5}{8}''$ to $2\frac{1}{2}''$, inclusive, advancing by 32ds.
Size $2\frac{7}{8}''$ to $5\frac{3}{4}''$, inclusive, advancing by 16ths.
Size $1\frac{1}{4}''$, $1\frac{1}{2}''$, $1\frac{3}{4}''$, $1\frac{7}{8}''$, $1\frac{1}{2}''$, $1\frac{3}{4}''$, $1\frac{7}{8}''$, $2\frac{1}{4}''$, $3\frac{1}{4}''$.
Size $5\frac{3}{4}''$, $6''$, $6\frac{1}{8}''$, $6\frac{1}{2}''$, $7\frac{1}{8}''$, $9''$.
Size various decimals from .329" to 6.4".

Small sizes can be furnished in coils.

For tables of weights, see pages 208 to 210, inclusive.

HALF ROUNDS

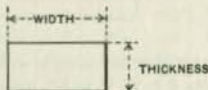


- Size $\frac{1}{2}''$, $\frac{3}{8}''$, $\frac{5}{8}''$, $\frac{3}{4}''$, $\frac{7}{8}''$, $1''$.
Size $1\frac{1}{8}''$, $1\frac{1}{4}''$, $1\frac{3}{8}''$, $3''$.

Sizes not listed may be submitted for consideration.

Weights one-half of weights of Rounds of corresponding diameters.

SQUARE EDGE FLATS



- From $\frac{1}{2}''$ to $6''$, inclusive, in width.
From $\frac{1}{4}''$ to $2''$, inclusive, in thickness.

Sizes not within this range may be submitted for consideration.

For tables of weights, see pages 167 to 171, inclusive.

NUT STEEL FLATS

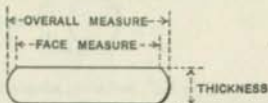
We can furnish all sizes of Nut Steel Flats within the range of Square Edge Flats.

Smaller sizes can be furnished in coils.

For tables of weights, see pages 167 to 171, inclusive.

ILLINOIS STEEL COMPANY

ROUND EDGE FLATS, INCLUDING ROUND EDGE TIRE



We can furnish Round Edge Flats to either face or overall measure.

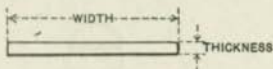
From $\frac{1}{2}$ " to 6", inclusive, in width.

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

Sizes not within this range may be submitted for consideration.

For tables of weights, see pages 203 to 206, inclusive.

BAND EDGE FLATS (BANDS)



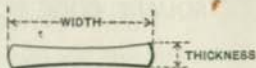
From $\frac{5}{8}$ " to 20", inclusive, in width.

From No. 12 B. W. G. to $\frac{1}{16}$ ", inclusive, in thickness.

Sizes not within this range may be submitted for consideration.

For tables of weights, see pages 155 to 161, inclusive.

ROUND EDGE CONCAVE OR VEHICLE SPRING STEEL

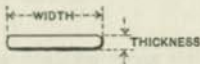


From $1\frac{1}{8}$ " to 6", inclusive, in width.

From No. 6 B. W. G. to $\frac{1}{2}$ ", inclusive, in thickness.

Sizes not within this range may be submitted for consideration.

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 205 and 206.

FLAT ROLLED STEEL

RECTANGULAR AND CIRCULAR SHEARED PLATES

EXTREME SIZES

Thickness, Inches	Weight, Lbs. per Sq. Foot	WIDTH AND LENGTH IN INCHES									
		150	144	138	132	126	120	114	108	102	96
3/4	10.20					300	300	360	400	425	440
5/8	12.75				300	360	400	425	450	480	480
3/4	15.30			300	325	360	400	450	480	480	480
5/8	17.85		275	300	350	360	400	450	480	480	480
3/4	20.40	275	300	325	350	375	400	450	480	480	480
5/8	22.95	275	300	325	350	375	400	450	480	480	510
5/8	25.50	300	310	340	360	375	400	450	460	500	530
3/4	28.05	300	310	340	360	375	440	450	480	500	530
3/4	30.60	340	360	360	360	370	440	450	480	500	520
3/4	33.15	340	360	360	360	360	400	440	480	500	510
3/4	35.70	325	360	360	360	360	400	440	480	480	510
1	40.80	325	360	360	360	360	380	440	480	480	500
1 1/4	45.90	300	350	340	340	340	360	400	420	480	480
1 1/4	51.00	300	325	340	340	320	350	380	400	450	480
1 1/4	61.20	275	300	320	300	300	300	360	360	400	450
1 3/4	71.40	200	250	300	275	280	300	325	325	360	400
2	81.60	200	200	200	200	200	250	300	300	300	360
2 1/4	91.80	180	180	180	180	180	180	225	225	250	260

RECTANGULAR AND CIRCULAR SHEARED PLATES—Continued

EXTREME SIZES

Thickness, Inches	Weight, Lbs. per Sq. Foot	WIDTH AND LENGTH IN INCHES								Diameter, Heads, inches	
		90	84	78	72	66	60	50	40		30
5/8	7.65				240	280	300	360	360	360	75
3/4	10.20	480	480	480	480	480	480	540	540	540	120
5/8	12.75	480	480	480	480	480	480	540	540	540	126
3/4	15.30	480	480	480	540	480	480	600	600	600	138
5/8	17.85	500	500	500	540	600	600	600	600	600	144
3/4	20.40	500	550	550	600	600	600	600	600	600	150
5/8	22.95	530	550	580	630	630	630	600	600	600	150
5/8	25.50	540	570	620	630	630	630	600	600	600	150
3/4	28.05	540	570	620	630	630	630	600	600	600	150
3/4	30.60	540	560	620	630	630	630	570	600	600	150
3/4	33.15	540	560	620	630	630	630	530	600	600	150
3/4	35.70	540	550	600	630	630	630	500	600	600	150
1	40.80	510	530	590	600	620	620	430	540	600	150
1 1/4	45.90	490	510	570	590	590	610	390	480	600	150
1 1/4	51.00	480	480	500	540	550	570	350	440	580	150
1 1/2	61.20	450	460	480	500	510	560	290	360	480	150
1 3/4	71.40	400	420	450	450	440	480	290	360	480	150
2	81.60	360	380	400	400	400	400	260	330	440	150
2 1/4	91.80	280	300	325	350	360	360				150

Plates of dimensions other than shown above, may be submitted for special consideration.

ILLINOIS STEEL COMPANY

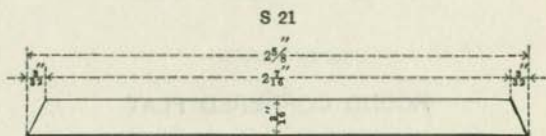
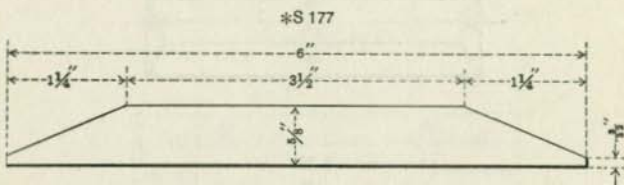
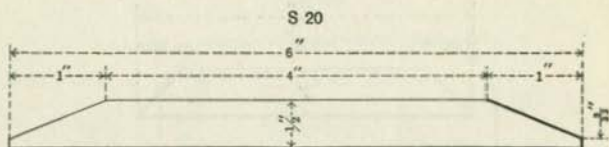
RECTANGULAR UNIVERSAL PLATES
EXTREME SIZES

Thickness, Inches	Weight, Lbs. per Sq. Foot	WIDTH AND LENGTH, INCHES									
		60	59-57	56-53	52-49	48-43	42-31	30-26	25-20	19-11	10-6½
¼	10.20	720	780	840	1000	1200	1500	1500	1500	960	960
⅕	12.75	840	1000	1080	1200	1440	1500	1500	1500	960	960
⅜	15.30	840	1080	1200	1380	1500	1500	1500	1500	960	960
⅜	17.85	840	1080	1200	1380	1440	1500	1500	1500	960	960
½	20.40	840	1020	1200	1380	1440	1500	1500	1500	960	960
⅝	22.95	840	960	1080	1260	1400	1440	1440	1440	960	960
¾	25.50	780	960	1080	1200	1380	1440	1440	1440	960	960
¾	30.60	720	960	1080	1200	1380	1440	1380	1380	960	960
7⁄8	35.70	540	900	960	1080	1200	1380	1260	1260	960	960
1	40.80	480	840	900	960	1080	1380	1260	1260	960	900
1½	45.90	480	780	780	840	960	1260	1140	1140	850	710
1¾	51.00	480	720	720	720	840	1140	1080	1080	770	640
1⅞	56.10	420	660	660	660	720	1080	960	960	690	580
1⅞	61.20	420	600	600	600	660	960	840	840	640	530
1⅞	66.30	390	570	570	570	630	830	780	780	540	490
1¾	71.40	360	540	540	540	600	700	720	720	480	460
1¾	76.50	330	510	520	520	570	650	660	660	480	430
2	81.60	300	480	500	500	540	600	600	600	480	400

Plates of dimensions other than shown above, may be submitted for special consideration.

BEVEL SECTIONS

BEVEL EDGE FLATS



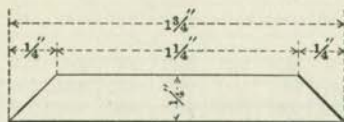
Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
S 20	6	$\frac{5}{8}$	11.4
	6	$\frac{1}{2}$	8.8
	6	$\frac{3}{8}$	7.8
	6	$\frac{5}{16}$	6.7
	6	$\frac{1}{8}$	5.6
*S 177	6	$\frac{5}{8}$	10.5
S 21	$2\frac{5}{8}$	$\frac{3}{8}$	1.6

*Furnished only by special arrangement.

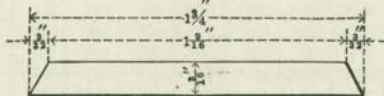
ILLINOIS STEEL COMPANY

BEVEL EDGE FLATS—Concluded

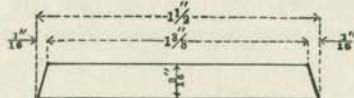
S 182



S 22

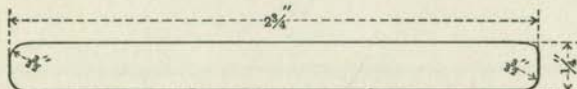


S 107



ROUND CORNERED FLAT

S 165



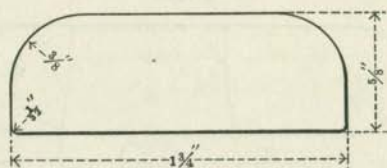
Section Index	Width Inches	Thickness, Inches	Weight per Foot, Pounds
S 182	1 3/4	1/4	1.3
S 22	1 3/4	1/8	1.1
S 107	1 1/2	1/8	0.9
S 165	2 3/4	1/4	2.3

MISCELLANEOUS BAR MILL SHAPES

AGRICULTURAL SECTIONS

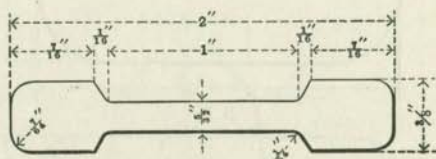
CYLINDER LAG

S 103



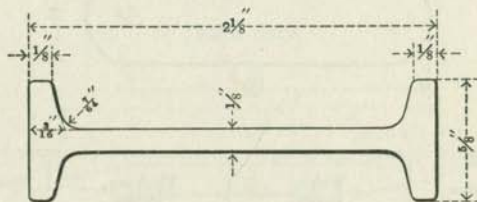
CHANNEL FLAT

S 152



HARROW "I" BAR

S 1



Section Index	Size, Inches	Weight per Foot, Pounds
S 103	1 3/4 x 5/8	3.51
S 152	2 x 3/8 x 1/2	1.73
S 1	2 1/8 x 5/8 x 1/8	1.46

ILLINOIS STEEL COMPANY

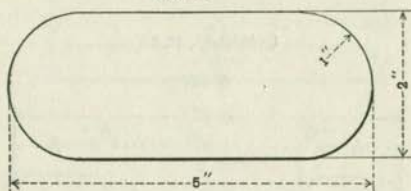
CAR BUILDING SECTIONS

KEY SECTIONS

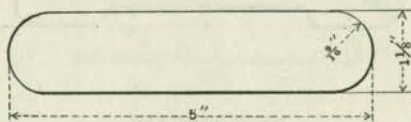
S 164



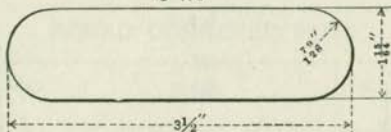
*S 181



S 7



S 170



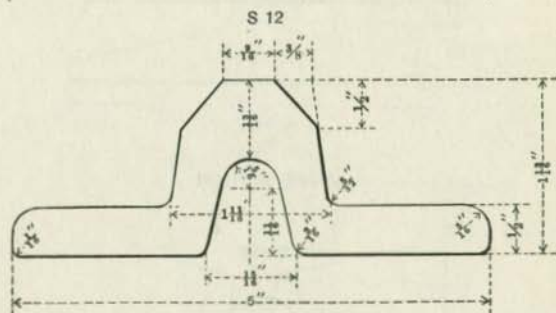
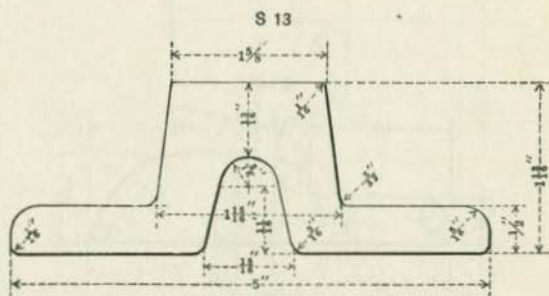
Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
S 164	6	1 1/2	29.0
*S 181	5	2	31.1
S 7	5	1 1/8	18.2
S 170	3 1/2	1 1/4	13.6

*Furnished only by special arrangement.

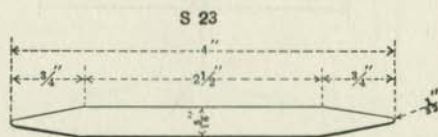
MISCELLANEOUS BAR MILL SHAPES

LOGGING SECTIONS

SAW MILL TRACK



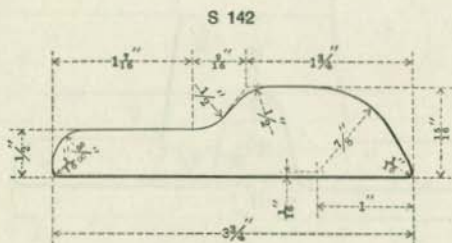
BARK RACK



Section Index	Size, Inches	Weight per Foot, Pounds
S 13	5 x 1 1/8 x 1/2 x 1 1/2	13.9
S 12	5 x 1 1/8 x 1/2 x 1 1/2	12.1
S 23	4 x 1/4	3.6

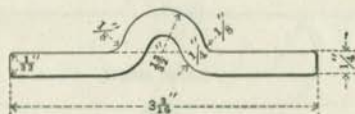
MISCELLANEOUS SECTIONS

BELT RAIL



SPOKE SECTION

* S 159



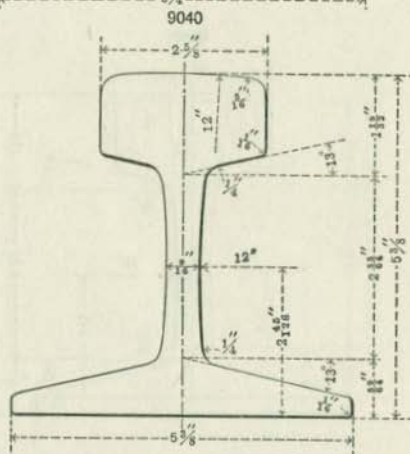
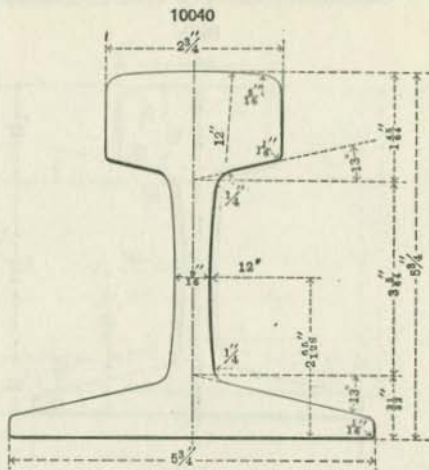
Section Index	Size, Inches	Weight per Foot, Pounds
S 142	$3\frac{3}{4} \times \frac{1}{2} \times \frac{1}{8}$	8.16
*S 159	$3\frac{1}{8} \times \frac{1}{4} \times \frac{1}{4}$	3.12

*Furnished only by special arrangement.

RAIL SECTIONS

A. S. C. E. RAILS

(AMERICAN SOCIETY OF CIVIL ENGINEERS')



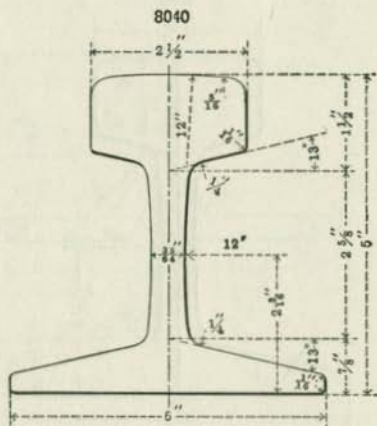
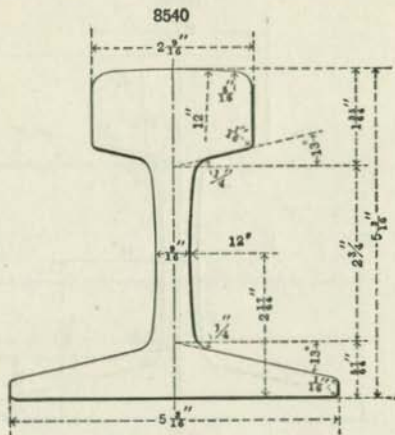
RAILS

Section Index	Depth, 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 3/8	5 3/8	2 5/8	90	S-9040

ILLINOIS STEEL COMPANY

A. S. C. E. RAILS—Continued

(AMERICAN SOCIETY OF CIVIL ENGINEERS')

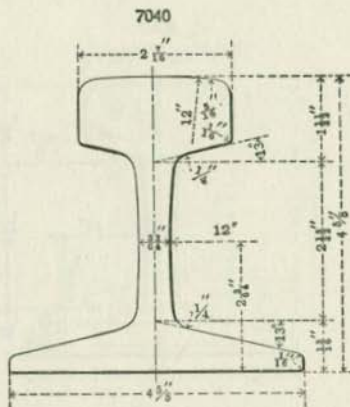
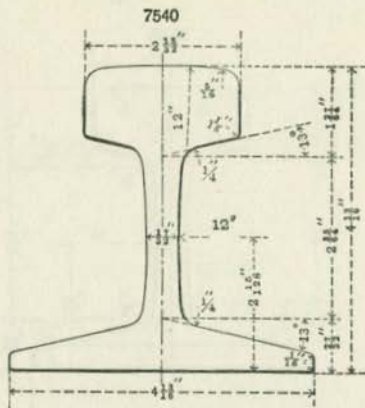


RAILS					Splice Bar Regular
Section No.	Depth, Inches	Width		Weight per Yard, Pounds	
		Base, Inches	Head, Inches		
8540	5 1/8	5 1/8	2 1/4	85	S-8540
8040	5	5	2 1/2	80	S-8040

RAIL SECTIONS

A. S. C. E. RAILS—Continued

(AMERICAN SOCIETY OF CIVIL ENGINEERS')

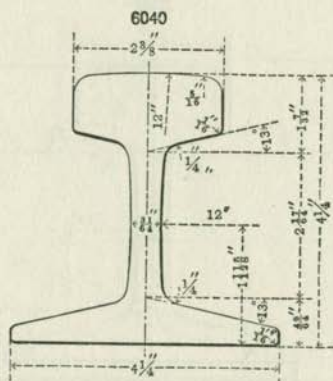
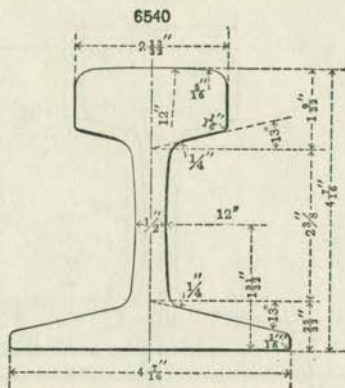


RAILS					Splice Bar Regular
Section No.	Depth, Inches	Width		Weight per Yard, Pounds	
		Base, Inches	Head, Inches		
7540	4 1/2	4 1/8	2 1/8	75	S-7540
7040	4 3/8	4 7/8	2 1/8	70	S-7040

ILLINOIS STEEL COMPANY

A. S. C. E. RAILS—Continued

(AMERICAN SOCIETY OF CIVIL ENGINEERS')

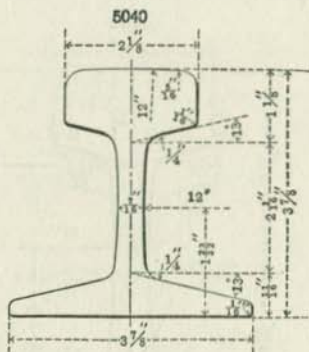
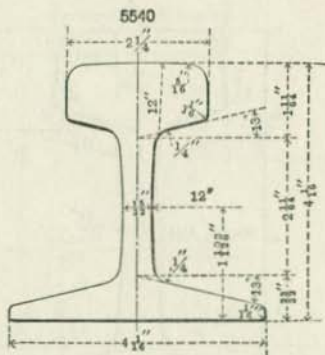


RAILS					Splice Bar Regular
Section No.	Depth, Inches	Width		Weight per Yard, Pounds	
		Base, Inches	Head, Inches		
6540	4 ⁷ / ₁₆	4 ⁷ / ₁₆	2 ¹ / ₄	65	S-6540
6040	4 ¹ / ₄	4 ¹ / ₄	2 ³ / ₈	60	S-6040

RAIL SECTIONS

A. S. C. E. RAILS—Concluded

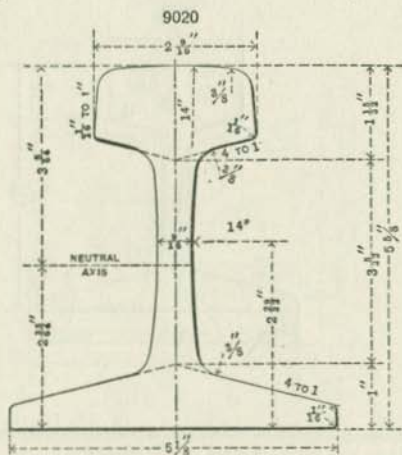
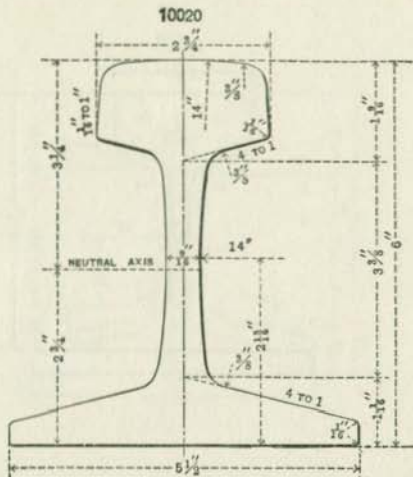
(AMERICAN SOCIETY OF CIVIL ENGINEERS')



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

ILLINOIS STEEL COMPANY

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



RAILS

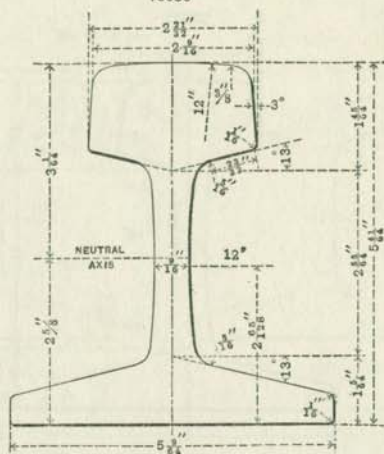
Section No.	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
10020	6	5 1/2	2 3/4	100	S-10020
9020	5 5/8	5 1/2	2 3/8	90	S-9020

RAIL SECTIONS

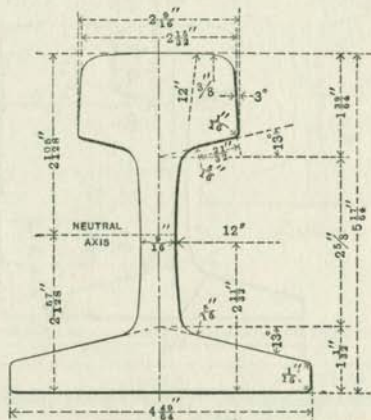
A. R. A. RAILS—TYPE "B"

(AMERICAN RAILWAY ASSOCIATION)

10030



9030



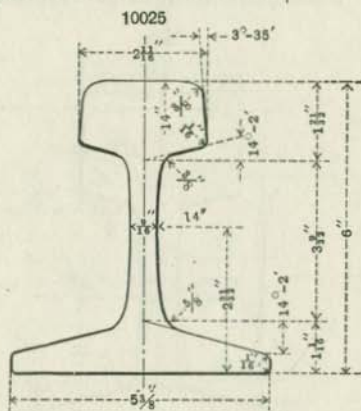
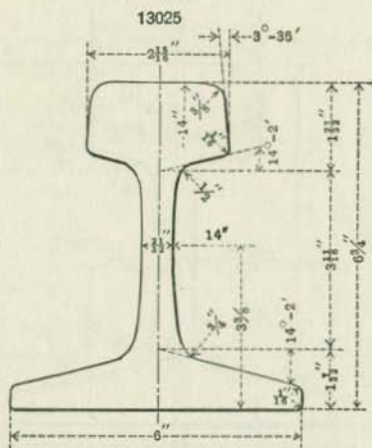
RAILS

Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
10030	$5\frac{1}{4}$	$5\frac{1}{4}$	$2\frac{1}{16}$	100	S-10030
9030	$5\frac{1}{4}$	$4\frac{1}{4}$	$2\frac{1}{16}$	90	S-9030

ILLINOIS STEEL COMPANY

A. R. E. A. RAILS

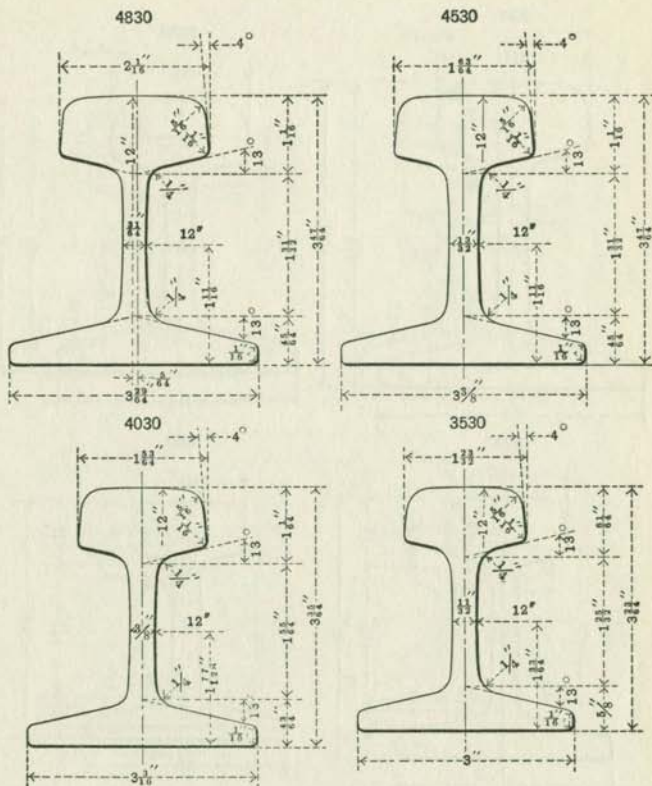
(AMERICAN RAILWAY ENGINEERING ASSOCIATION)



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

RAIL SECTIONS

LIGHT RAILS

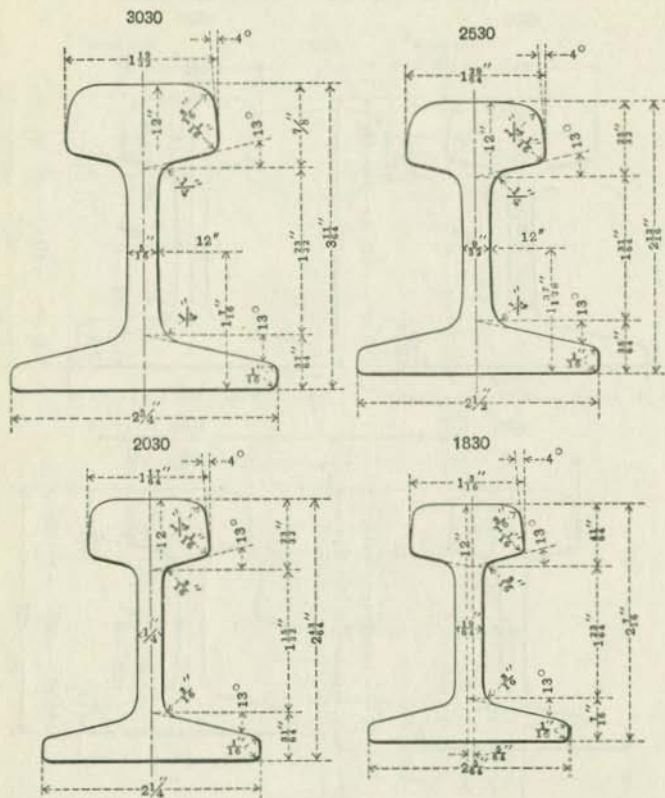


RAILS

Section Index	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
4830	3 1/2	3 1/2	2 1/2	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

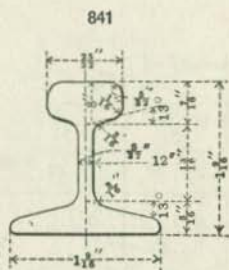
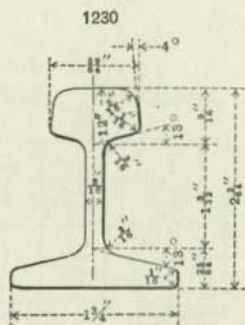
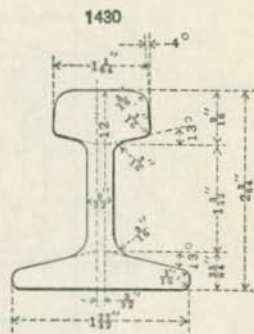
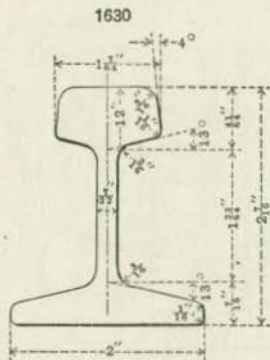
LIGHT RAILS—Continued



RAILS					Splice Bar Regular
Section No.	Depth, Inches	Width		Weight per Yard, Pounds	
		Base, Inches	Head, Inches		
3030	34 1/4	2 3/4	14 1/2	30	S-3030
2530	24 1/4	2 1/2	14 1/2	25	S-2530
2030	24 1/4	2 1/4	14 1/2	20	S-2030
1830	24 1/4	2 1/4	14 1/2	18	S-1830

RAIL SECTIONS

LIGHT RAILS—Concluded



RAILS

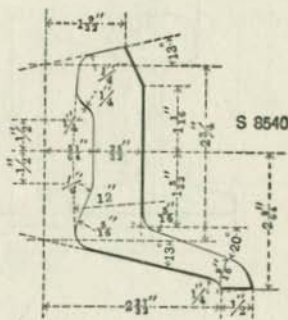
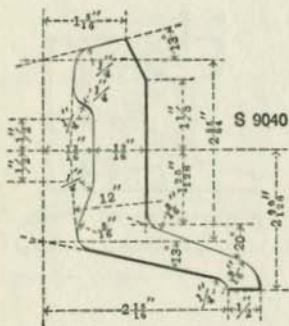
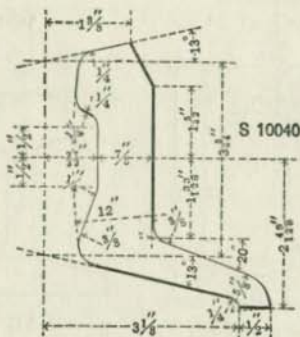
Section No.	Depth, Inches	Width		Weight per Yard, Pounds	Splice Bar Regular
		Base, Inches	Head, Inches		
1630	2 1/8	2	1 1/4	16	S-1630
1430	2 1/8	1 1/2	1 1/4	14	S-1230
1230	2 1/8	1 3/4	1/2	12	S-1230
841	1 1/8	1 1/8	1/2	8	S-840

ILLINOIS STEEL COMPANY

ANGLE SPLICE BARS

A. S. C. E. RAILS

(AMERICAN SOCIETY OF CIVIL ENGINEERS')



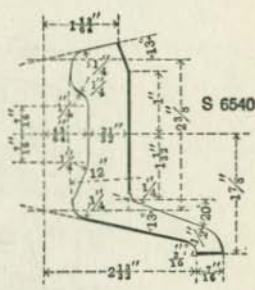
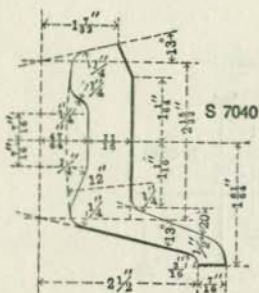
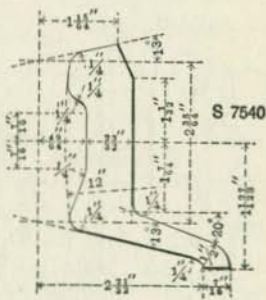
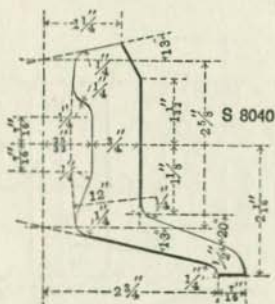
SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 10040	15.8 (unfinished)	10040
S 9040	13.5 (unfinished)	9040
S 8540	12.4 (unfinished)	8540

SPLICE BAR SECTIONS

ANGLE SPLICE BARS—Continued

A. S. C. E.

(AMERICAN SOCIETY OF CIVIL ENGINEERS')



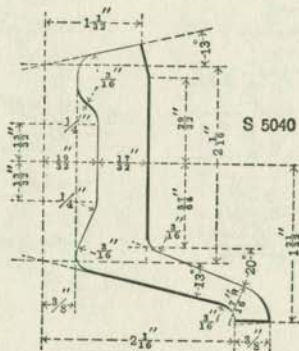
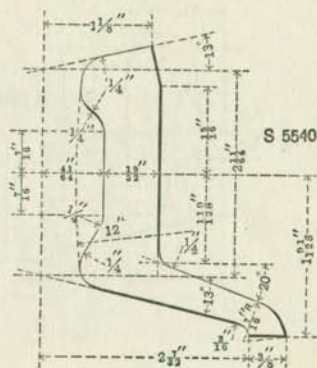
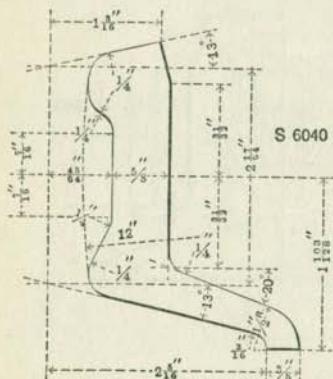
SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 8040	11.5 (unfinished)	8040
S 7540	10.7 (unfinished)	7540
S 7040	10.0 (unfinished)	7040
S 6540	9.2 (unfinished)	6540

ILLINOIS STEEL COMPANY

ANGLE SPLICE BARS—Continued

A. S. C. E. RAILS

(AMERICAN SOCIETY OF CIVIL ENGINEERS')



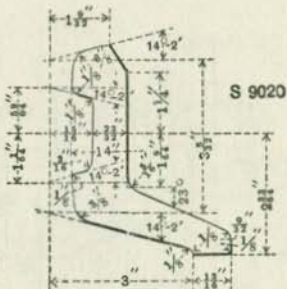
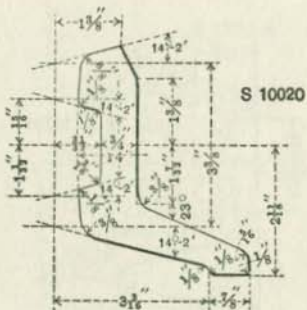
SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 6040	8.40 (unfinished)	6040
S 5540	7.50 (unfinished)	5540
S 5040	6.62 (unfinished)	5040

SPLICE BAR SECTIONS

ANGLE SPLICE BARS—Continued

A. R. A. RAILS—TYPE "A"

(AMERICAN RAILWAY ASSOCIATION)



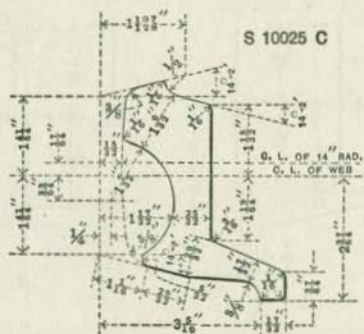
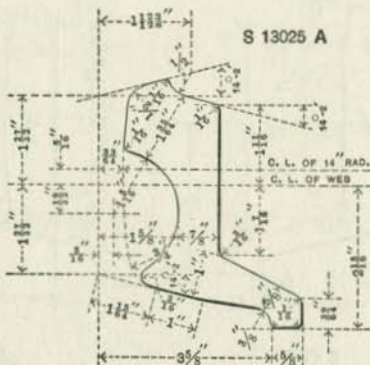
SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 10020	19.04 (unfinished)	10020
S 9020	16.64 (unfinished)	9020

SPLICE BAR SECTIONS

ANGLE SPLICE BARS—Concluded

A. R. E. A. RAILS

(AMERICAN RAILWAY ENGINEERING ASSOCIATION)



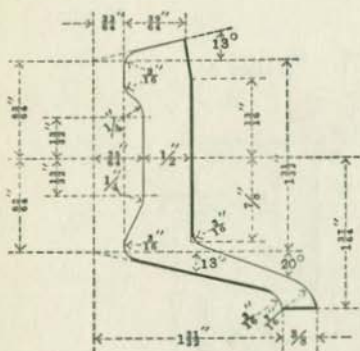
SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 13025A	25.03 (unfinished)	13025
S 10025C	19.82 (unfinished)	10025

ILLINOIS STEEL COMPANY

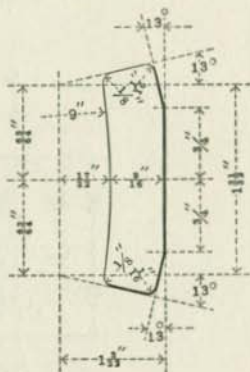
SPLICE BARS

LIGHT RAILS

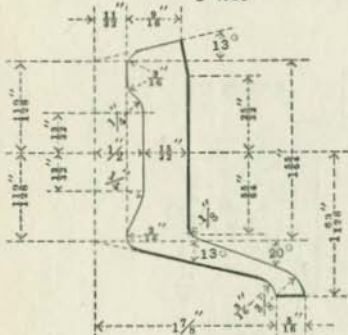
S 4530



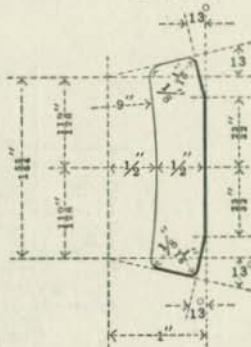
S 4530 A



S 4030



S 4030 A



SPLICE BARS

RAILS

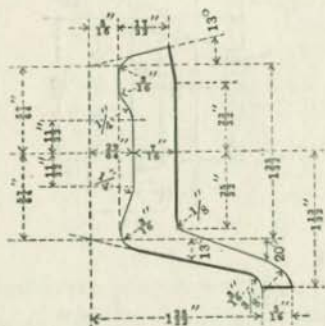
Section Index	Weight per Foot, Pounds	Section Index
S 4530	5.80 (unfinished)	4830 and 4530
S 4530A	4.45 (unfinished)	4530
S 4030	5.00 (unfinished)	4030
S 4030A	3.74 (unfinished)	4030

SPLICE BAR SECTIONS

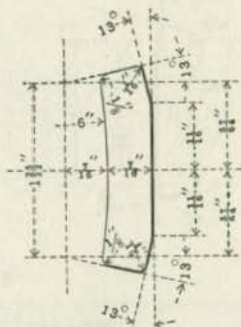
SPLICE BARS—Continued

LIGHT RAILS

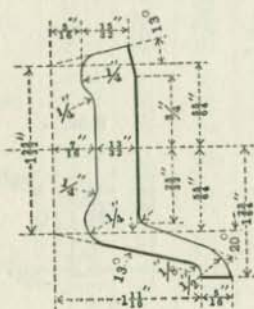
S 3530



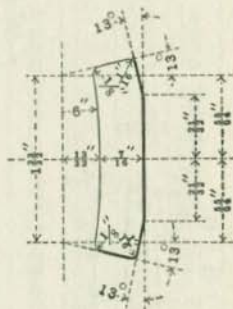
S 3530 A



S 3030



S 3030 A



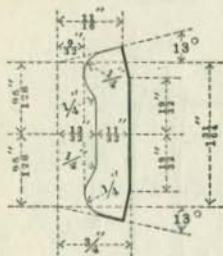
SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 3530	4.58 (unfinished)	3530
S 3530A	3.06 (unfinished)	3530
S 3030	3.97 (unfinished)	3030
S 3030A	2.96 (unfinished)	3030

ILLINOIS STEEL COMPANY

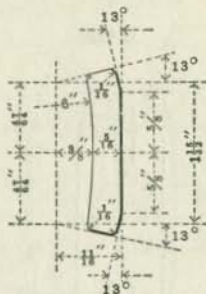
SPLICE BARS—Concluded

LIGHT RAILS

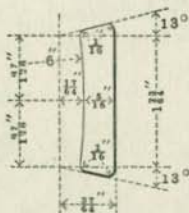
S 2530



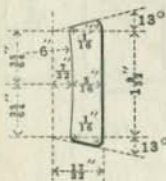
S 2030



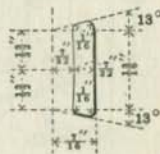
S 1630



S 1230



S 840



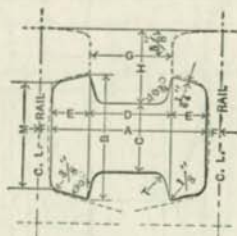
SPLICE BARS		RAILS
Section Index	Weight per Foot, Pounds	Section Index
S 2530	2.20 (unfinished)	2520
S 2030	1.87 (unfinished)	2030
S 1630	1.70 (unfinished)	1830 and 1630
S 1230	1.36 (unfinished)	1430 and 1230
S 840	0.75 (unfinished)	841

TRACK ACCESSORIES

FROG FILLERS

A. S. C. E. RAILS

(AMERICAN SOCIETY OF CIVIL ENGINEERS')



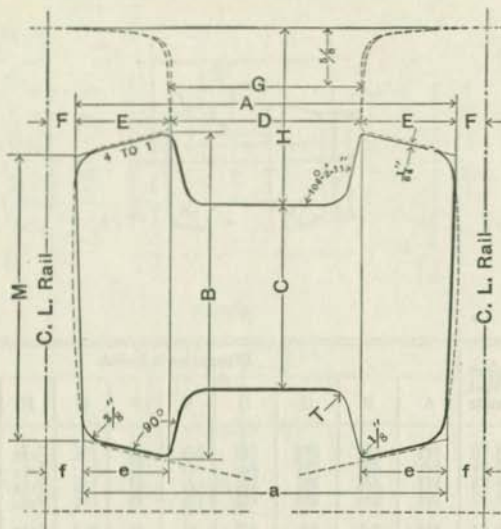
Section Index	Weight per Foot, Pounds	Dimensions in Inches									
		A	B	C	D	E	F	G	H	M	T
10040	42.76	4 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{3}{4}$
	40.74	4 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{2}$	2	2 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{3}{4}$
	39.73	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{7}{8}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{3}{4}$
	38.72	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{3}{4}$
9040	38.54	4 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{3}{4}$
	36.68	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{3}{4}$
	35.75	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{7}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{3}{4}$
	34.82	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{3}{4}$
8540	35.73	4 $\frac{1}{2}$	3 $\frac{1}{2}$	2	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{3}{4}$
	34.03	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{3}{4}$
	33.18	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{7}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{3}{4}$
	32.33	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{3}{4}$
8040	31.86	4 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	31.12	3 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	30.38	3 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{7}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	29.64	3 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
7540	31.57	4 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	30.13	3 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	29.41	3 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	28.69	3 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
7040	30.19	4 $\frac{1}{2}$	3	1 $\frac{3}{4}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	28.81	3 $\frac{1}{2}$	3	1 $\frac{3}{4}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	28.12	3 $\frac{1}{2}$	3	1 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	27.43	3 $\frac{1}{2}$	3	1 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
6540	27.42	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	26.78	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{7}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	26.14	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
6040	26.05	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	25.44	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{7}{8}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$
	24.83	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$

ILLINOIS STEEL COMPANY

FROG FILLERS—Continued

A. R. A. RAILS—TYPE "A"

(AMERICAN RAILWAY ASSOCIATION)



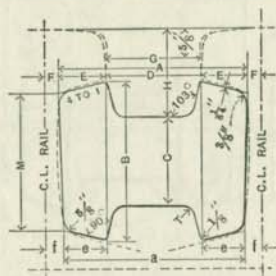
Section Index	Weight per Foot, Pounds	Dimensions in Inches												
		A	a	B	C	D	E	e	F	f	G	H	M	T
10020	42.59	4	3 ¹¹ / ₁₆	4 ¹ / ₁₆	2 ⁵ / ₁₆	1 ¹¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₁₆	2 ¹ / ₁₆	3 ¹¹ / ₁₆	3/8
	41.58	3 ⁷ / ₁₆	3 ¹¹ / ₁₆	4 ¹ / ₁₆	2 ⁵ / ₁₆	1 ¹¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹¹ / ₁₆	2 ¹ / ₁₆	3 ¹¹ / ₁₆	3/8
	40.57	3 ⁵ / ₁₆	3 ¹¹ / ₁₆	4 ¹ / ₁₆	2 ⁵ / ₁₆	1 ¹¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹¹ / ₁₆	2 ¹ / ₁₆	3 ¹¹ / ₁₆	3/8
9020	38.26	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	2 ¹ / ₁₆	1 ¹¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3/8
	37.31	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	2 ¹ / ₁₆	1 ¹¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3/8
	36.35	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	2 ¹ / ₁₆	1 ¹¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3/8
8520	34.25	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3 ¹ / ₁₆	2	1 ¹¹ / ₁₆	1 ¹ / ₁₆	3/8	1 ¹ / ₁₆	3/8	2 ¹ / ₁₆	1 ¹¹ / ₁₆	3 ¹ / ₁₆	3/8
	33.40	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3 ¹ / ₁₆	2	1 ¹¹ / ₁₆	1 ¹ / ₁₆	3/8	1 ¹ / ₁₆	3/8	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	3 ¹ / ₁₆	3/8
	32.55	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3 ¹ / ₁₆	2	1 ¹¹ / ₁₆	1 ¹ / ₁₆	3/8	1 ¹ / ₁₆	3/8	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	3 ¹ / ₁₆	3/8
8020	32.23	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3 ¹ / ₁₆	1 ³ / ₁₆	1 ¹¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₁₆	1 ¹¹ / ₁₆	2 ¹ / ₁₆	2 ¹ / ₁₆	3/8
	30.75	3 ¹¹ / ₁₆	3 ¹¹ / ₁₆	3 ¹ / ₁₆	1 ³ / ₁₆	1 ¹¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹ / ₁₆	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	2 ¹ / ₁₆	2 ¹ / ₁₆	3/8

TRACK ACCESSORIES

FROG FILLERS—Continued

A. R. E. A. RAILS

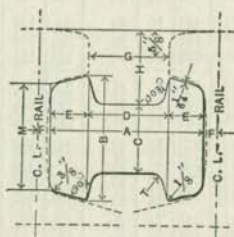
(AMERICAN RAILWAY ENGINEERING ASSOCIATION)



Section Index	Weight per Foot, Pounds	Dimensions in Inches												
		A	a	B	C	D	E	e	F	f	G	H	M	T
11025	40.73	3 $\frac{1}{4}$	3 $\frac{1}{4}$	4 $\frac{1}{8}$	2 $\frac{3}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{1}{4}$	2 $\frac{1}{4}$	3 $\frac{1}{8}$	$\frac{3}{8}$
10025	41.82	3 $\frac{1}{4}$	3 $\frac{1}{4}$	3 $\frac{3}{8}$	2 $\frac{7}{8}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	3 $\frac{3}{8}$	$\frac{1}{4}$
	39.18	3 $\frac{1}{4}$	3 $\frac{1}{4}$	3 $\frac{3}{8}$	2 $\frac{7}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{1}{4}$	2 $\frac{1}{4}$	3 $\frac{3}{8}$	$\frac{1}{4}$

A. R. A. RAILS—TYPE "B"

(AMERICAN RAILWAY ASSOCIATION)

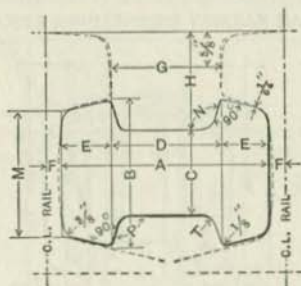


Section Index	Weight per Foot, Pounds	Dimensions in Inches									
		A	B	C	D	E	F	G	H	M	T
9030	32.50	3 $\frac{1}{4}$	3 $\frac{1}{4}$	2	1 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	2 $\frac{1}{4}$	1 $\frac{1}{4}$	2 $\frac{3}{4}$	$\frac{3}{8}$
	31.65	3 $\frac{1}{4}$	3 $\frac{1}{4}$	2	1 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	2 $\frac{1}{4}$	1 $\frac{1}{4}$	2 $\frac{3}{4}$	$\frac{3}{8}$
	30.80	3 $\frac{1}{4}$	3 $\frac{1}{4}$	2	1 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	2 $\frac{1}{4}$	1 $\frac{1}{4}$	2 $\frac{3}{4}$	$\frac{3}{8}$
8030	28.25	3 $\frac{1}{4}$	3	1 $\frac{5}{8}$	1 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	2 $\frac{1}{4}$	1 $\frac{1}{4}$	2 $\frac{1}{4}$	$\frac{1}{4}$
	26.87	3 $\frac{1}{4}$	3	1 $\frac{5}{8}$	1 $\frac{1}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	2 $\frac{1}{4}$	$\frac{1}{4}$

ILLINOIS STEEL COMPANY

FROG FILLERS—Continued

MISCELLANEOUS—RAILS



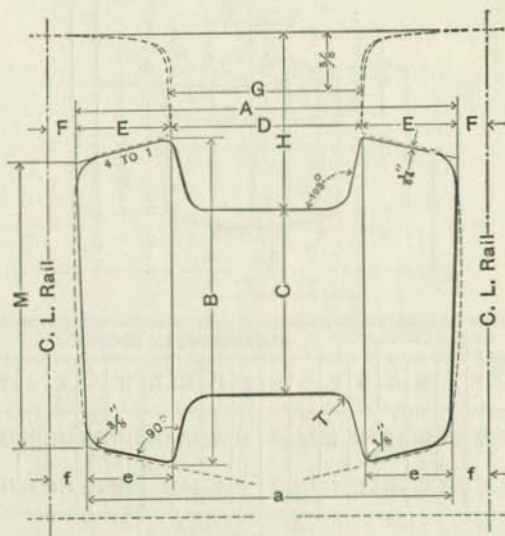
Section Index	Weight per Foot, Pounds	Dimensions in Inches										Angle	
		A	B	C	D	E	F	G	H	M	T	N	P
10035	34.75	3 1/4	3 1/2	2 1/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	3 1/2	3/8	103°	103°
9035	34.58	3 1/4	3 1/2	2 1/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	3 1/2	3/8	103°	103°
10031	34.35	3 1/4	3 3/8	2	1 1/2	1 1/2	1 1/2	2 1/4	2 1/4	2 1/2	1/4	105°	103°
	33.50	3 1/4	3 3/8	2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/4	2 1/2	1/4	105°	103°
	32.65	3 1/4	3 3/8	2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/4	2 1/2	1/4	105°	103°
#10022	45.50	4 1/4	4 3/8	2	1 1/2	1 1/2	1 1/2	2 1/4	2 1/4	3 1/2	1/4	104°2'11"	104°2'11"
	43.80	4 1/4	4 3/8	2	1 1/2	1 1/2	1 1/2	2 1/4	2 1/4	3 1/2	1/4	104°2'11"	104°2'11"
8553	30.42	3 1/4	3 1/2	1 3/4	1 1/2	1 1/2	1 1/2	2 1/4	1 1/2	2 1/2	1/4	103°	103°
	29.68	3 1/4	3 1/2	1 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	1/4	103°	103°
	28.94	3 1/4	3 1/2	1 3/4	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	1/4	103°	103°
8533	29.02	3 1/4	2 1/2	1 3/4	1 1/2	1 1/2	1 1/2	2 1/4	2 1/4	2 1/2	1/4	103°	103°
	28.28	3 1/4	2 1/2	1 3/4	1 1/2	1 1/2	1 1/2	1 1/2	2 1/4	2 1/2	1/4	103°	103°
	27.54	3 1/4	2 1/2	1 3/4	1 1/2	1 1/2	1 1/2	1 1/2	2 1/4	2 1/2	1/4	103°	103°
7250	30.18	3 1/4	3 1/8	1 1/2	2 1/4	1 1/2	1 1/2	2 1/4	1 1/2	2 1/2	1/4	104°	104°
	28.74	3 1/4	3 1/8	1 1/2	2 1/4	1 1/2	1 1/2	2	1 1/2	2 1/2	1/4	104°	104°
	28.02	3 1/4	3 1/8	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	1/4	104°	104°
	27.30	3 1/4	3 1/8	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	1/4	104°	104°
6051	24.68	3 1/4	2 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/4	1 1/2	2 1/2	1/4	104°	102°-50'
	24.05	3 1/4	2 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	1/4	104°	102°-50'
	23.42	3 1/4	2 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	1/4	104°	102°-50'
	23.41	3 1/4	2 3/8	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1/4	102°	102°
58-56	22.78	3 1/4	2 3/8	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1/4	102°	102°
	22.05	3 1/4	2 3/8	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1/4	102°	102°
	22.82	3 1/4	2 7/8	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	2 1/2	1/4	102°	102°

#Sides of 10022 are curved to 14" radius on center line 3 1/8" above rail base.

TRACK ACCESSORIES

FROG FILLERS—Continued

MISCELLANEOUS—RAILS



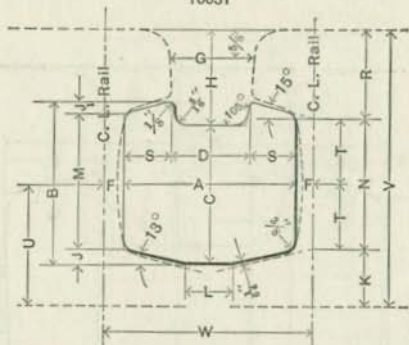
Section Index	Weight per Foot, Pounds	Dimensions in Inches											
		A	a	B	C	D	E	e	F	f	G	H	M
9034	33.98	3 $\frac{11}{16}$	3 $\frac{11}{16}$	3 $\frac{11}{16}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{8}$	2 $\frac{1}{4}$	1 $\frac{11}{16}$	3 $\frac{1}{4}$
	33.16	3 $\frac{11}{16}$	3 $\frac{11}{16}$	3 $\frac{11}{16}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{8}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	3 $\frac{1}{4}$
	32.34	3 $\frac{11}{16}$	3 $\frac{11}{16}$	3 $\frac{11}{16}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{8}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	3 $\frac{1}{4}$
9023	40.66	4 $\frac{1}{4}$	3 $\frac{11}{16}$	3 $\frac{11}{16}$	2	2 $\frac{1}{4}$	1 $\frac{1}{4}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{1}{4}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	3 $\frac{11}{16}$
	39.81	4 $\frac{1}{4}$	3 $\frac{11}{16}$	3 $\frac{11}{16}$	2	1 $\frac{11}{16}$	1 $\frac{1}{4}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{1}{4}$	1 $\frac{11}{16}$	2 $\frac{1}{4}$	3 $\frac{11}{16}$
	38.96	3 $\frac{11}{16}$	3 $\frac{11}{16}$	3 $\frac{11}{16}$	2	1 $\frac{11}{16}$	1 $\frac{1}{4}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{1}{4}$	1 $\frac{11}{16}$	2 $\frac{1}{4}$	3 $\frac{11}{16}$
7523	33.90	4 $\frac{1}{4}$	3 $\frac{11}{16}$	3 $\frac{3}{8}$	1 $\frac{3}{8}$	2 $\frac{1}{4}$	1	$\frac{11}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	2 $\frac{1}{4}$	1 $\frac{11}{16}$	2 $\frac{11}{16}$
	33.10	3 $\frac{11}{16}$	3 $\frac{11}{16}$	3 $\frac{3}{8}$	1 $\frac{3}{8}$	1 $\frac{11}{16}$	1	$\frac{11}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	2 $\frac{11}{16}$
	32.30	3 $\frac{11}{16}$	3 $\frac{11}{16}$	3 $\frac{3}{8}$	1 $\frac{3}{8}$	1 $\frac{11}{16}$	1	$\frac{11}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	1 $\frac{11}{16}$	1 $\frac{11}{16}$	2 $\frac{11}{16}$

ILLINOIS STEEL COMPANY

FROG FILLERS—Concluded

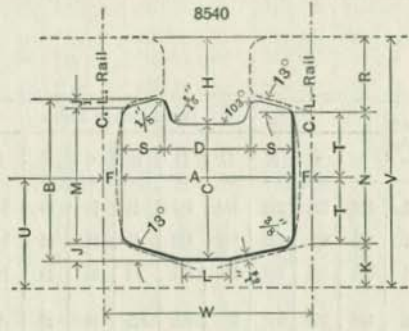
SPECIAL FROG FILLERS

10031



Section Index	Weight per Foot	DIMENSIONS IN INCHES.																	
		A	B	C	D	F	G	H	J	J1	K	L	M	N	R	S	T	U	V	W
10031	39.79	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{4}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	5 $\frac{1}{2}$	4 $\frac{1}{2}$
	37.27	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{4}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	5 $\frac{1}{2}$	4 $\frac{1}{2}$

8540



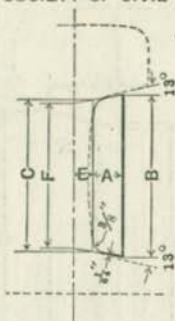
Section Index	Weight per Foot	DIMENSIONS IN INCHES.																
		A	B	C	D	F	H	J	J1	K	L	M	N	R	S	T	U	V	W
8540	38.14	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$	2 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	5 $\frac{1}{2}$	4 $\frac{1}{2}$
	35.87	3 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	2	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1	2 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	5 $\frac{1}{2}$	4 $\frac{1}{2}$

TRACK ACCESSORIES

D—REINFORCING BARS—LOOSE FIT

A. S. C. E. RAILS

(AMERICAN SOCIETY OF CIVIL ENGINEERS')

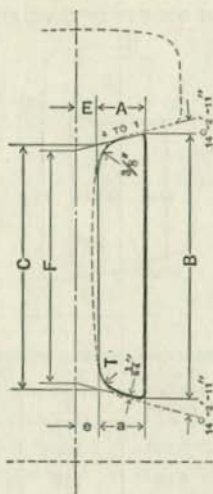


Section Index	Thickness In Inches, A	Weight per Foot, Pounds	Dimensions in Inches			
			B	C	E	F
D 10040	$\frac{1}{2}$	5.54	$3\frac{1}{8}$	$3\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{4}$
	$\frac{3}{8}$	4.09	$3\frac{3}{8}$	$3\frac{1}{2}$	$2\frac{1}{2}$	$3\frac{1}{4}$
D 9040	$\frac{1}{2}$	5.14	$3\frac{1}{2}$	$2\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{2}$
	$\frac{3}{8}$	3.79	$3\frac{1}{4}$	$2\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{1}{2}$
D 8540	$\frac{1}{2}$	4.96	$3\frac{1}{2}$	$2\frac{1}{8}$	$1\frac{1}{2}$	$2\frac{3}{4}$
	$\frac{3}{8}$	3.65	$3\frac{1}{2}$	$2\frac{1}{4}$	$1\frac{1}{2}$	$2\frac{3}{4}$
D 8040	$\frac{1}{2}$	4.74	$2\frac{1}{2}$	$2\frac{3}{4}$	$2\frac{1}{2}$	$2\frac{3}{8}$
	$\frac{3}{8}$	3.49	$2\frac{1}{2}$	$2\frac{3}{4}$	$2\frac{1}{2}$	$2\frac{3}{8}$
D 7540	$\frac{3}{4}$	6.93	$2\frac{1}{2}$	$2\frac{1}{2}$	$\frac{1}{2}$	$2\frac{1}{2}$
	$\frac{1}{2}$	4.58	$2\frac{1}{2}$	$2\frac{1}{2}$	$\frac{1}{2}$	$2\frac{1}{2}$
D 7040	$\frac{3}{8}$	3.37	$2\frac{1}{2}$	$2\frac{1}{2}$	$\frac{1}{2}$	$2\frac{1}{2}$
	$\frac{1}{2}$	4.43	$2\frac{1}{2}$	$2\frac{1}{2}$	$\frac{1}{2}$	$2\frac{1}{2}$
D 6540	$\frac{3}{8}$	3.27	$2\frac{1}{2}$	$2\frac{1}{2}$	$\frac{1}{2}$	$2\frac{1}{2}$
	$\frac{1}{2}$	4.27	$2\frac{1}{2}$	$2\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{3}{8}$
D 6040	$\frac{3}{8}$	3.15	$2\frac{1}{2}$	$2\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{3}{8}$
	$\frac{1}{2}$	4.06	$2\frac{1}{2}$	$2\frac{1}{2}$	$\frac{1}{2}$	$2\frac{1}{2}$
	$\frac{3}{8}$	2.99	$2\frac{1}{2}$	$2\frac{1}{2}$	$\frac{1}{2}$	$2\frac{1}{2}$

ILLINOIS STEEL COMPANY

D—REINFORCING BARS—LOOSE FIT—Continued

VARIOUS TYPES



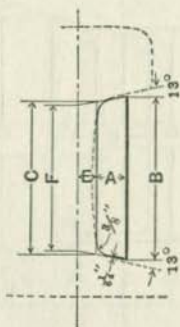
Section Number	Thick-ness	Weight per Foot, Pounds	Dimensions in Inches							
			A	n	B	C	E	e	F	T
A. R. A.—"A"	1/2	6.07	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	3 3/4	3/8
D 10020	3/8	4.49	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	3 3/4	3/8
	3/4	8.60	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	3 3/4	3/8
D 9020	1/2	5.70	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	3 3/4	3/8
	3/8	4.21	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	3 3/4	3/8
D 8520	3/4	7.92	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	2 1/2	3/8
D 8020	3/4	7.37	1 1/2	1 1/2	3 1/2	2 1/2	1 1/2	1 1/2	2 1/2	3/8
A. R. E. A. Rails	3/4	9.31	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	3 1/2	3/8
D 11025	1/2	6.02	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	3 1/2	3/8
	3/4	9.06	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	3 1/4	3/8
D 10025	3/8	4.35	1 1/2	1 1/2	3 1/2	3 1/2	1 1/2	1 1/2	3 1/4	3/8

TRACK ACCESSORIES

D—REINFORCING BARS—LOOSE FIT—Continued

A. R. A. RAILS—TYPE "B"

(AMERICAN RAILWAY ASSOCIATION)

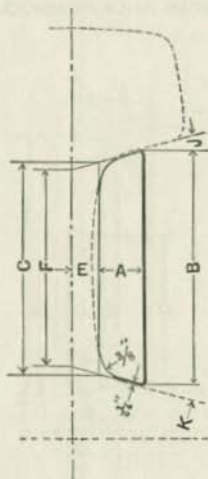


Section Index	Thickness In Inches, A	Weight Per Foot Pounds	Dimensions in Inches			
			B	C	E	F
D 10030	1/2	5.14	3 1/4	2 1/4	1 1/4	2 1/4
	3/8	3.79	3 1/4	2 1/4	1 1/4	2 1/4
D 9030	1/2	4.74	2 1/4	2 3/4	1 1/4	2 3/4
	3/8	3.49	2 1/4	2 3/4	1 1/4	2 3/4
D 8030	1/2	4.43	2 1/4	2 1/4	1 1/8	2 1/4
	3/8	3.27	2 1/4	2 1/4	1 1/8	2 1/4
D 7030	1/2	4.06	2 1/4	2 1/4	1 1/8	2 1/4
	3/8	2.99	2 1/4	2 1/4	1 1/8	2 1/4
D 6030	1/2	3.74	2 3/8	2 1/8	1 1/4	2 1/8
	3/8	2.73	2 1/8	2 1/8	1 1/4	2 1/8

ILLINOIS STEEL COMPANY

D—REINFORCING BARS—LOOSE FIT—Continued

MISCELLANEOUS RAILS

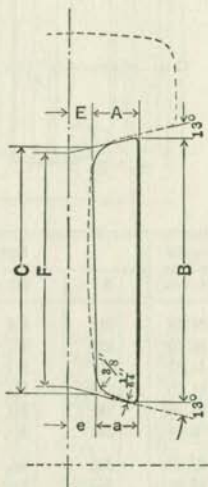


Section Index	Thickness In Inches, A	Weight per Foot, Pounds	Dimensions in Inches					
			B	C	E	F	J	K
D 10031	1/2	5.05	3 3/8	2 1/2	1 1/2	2 1/2	15°	13°
	3/4	3.72	3 3/8	2 1/2	1 1/2	2 1/2	15°	13°
D 8533	1/2	4.27	2 1/2	2 1/2	1 1/2	2 3/8	13°	13°
	3/4	3.15	2 1/2	2 1/2	1 1/2	2 3/8	13°	13°
D 7250	1/2	4.58	2 1/2	2 1/2	1 1/2	2 1/2	14°	14°
	3/4	3.37	2 1/2	2 1/2	1 1/2	2 1/2	14°	14°
D 6051	1/2	3.84	2 1/2	2 3/8	3/4	2 1/8	14°	12°-50'
	3/4	2.82	2 1/2	2 3/8	3/4	2 1/8	14°	12°-50'
D 58-56	1/2	3.41	2 1/2	1 1/2	1 1/2-58 1 1/2-56	1 1/2	12°	12°
	3/4	2.48	2 3/8	1 1/2	1 1/2-58 1 1/2-56	1 1/2	12°	12°
D 5607	1/2	3.41	2 1/2	1 1/2	1 1/2	1 1/2	12°	12°
	3/4	2.48	2 3/8	1 1/2	1 1/2	1 1/2	12°	12°

TRACK ACCESSORIES

D—REINFORCING BARS—LOOSE FIT—Concluded

MISCELLANEOUS RAILS



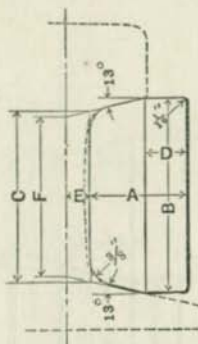
Section Index	Thickness	Weight per Foot, Pounds	Dimensions in Inches						
			A	a	B	C	E	e	F
D 9034	$\frac{1}{2}$	5.19	$\frac{11}{16}$	$\frac{11}{16}$	$3\frac{11}{16}$	$3\frac{1}{4}$	$\frac{11}{16}$	$\frac{3}{8}$	$2\frac{7}{8}$
	$\frac{3}{8}$	3.83	$\frac{11}{16}$	$\frac{11}{16}$	$3\frac{11}{16}$	$3\frac{1}{4}$	$\frac{11}{16}$	$\frac{3}{8}$	$2\frac{7}{8}$
D 9023	$\frac{1}{2}$	6.05	$\frac{7}{16}$	$\frac{11}{16}$	$3\frac{11}{16}$	$3\frac{11}{16}$	$\frac{11}{16}$	$\frac{1}{16}$	$3\frac{3}{8}$
	$\frac{3}{8}$	4.47	$\frac{7}{16}$	$\frac{11}{16}$	$3\frac{11}{16}$	$3\frac{11}{16}$	$\frac{11}{16}$	$\frac{1}{16}$	$3\frac{3}{8}$

ILLINOIS STEEL COMPANY

D—REINFORCING BARS—TIGHT FIT

A. S. C. E. RAILS

(AMERICAN SOCIETY OF CIVIL ENGINEERS')



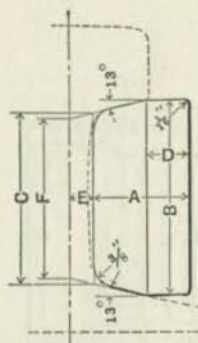
Section Index	Thickness, In Inches, A	Weight per Foot, Pounds	Dimensions in Inches				
			B	C	D	E	F
D 10040	2	24.28	3 $\frac{11}{16}$	3 $\frac{11}{16}$	1 $\frac{1}{2}$	$\frac{11}{16}$	3 $\frac{1}{4}$
	1 $\frac{1}{2}$	18.00	3 $\frac{11}{16}$	3 $\frac{11}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	3 $\frac{1}{4}$
	1 $\frac{1}{4}$	14.87	3 $\frac{11}{16}$	3 $\frac{11}{16}$	$\frac{3}{8}$	$\frac{11}{16}$	3 $\frac{1}{4}$
	1	11.75	3 $\frac{11}{16}$	3 $\frac{11}{16}$	$\frac{3}{8}$	$\frac{11}{16}$	3 $\frac{1}{4}$
	$\frac{3}{4}$	10.20	3 $\frac{11}{16}$	3 $\frac{11}{16}$	.....	$\frac{11}{16}$	3 $\frac{1}{4}$
	$\frac{3}{4}$	8.64	3 $\frac{11}{16}$	3 $\frac{11}{16}$	.....	$\frac{11}{16}$	3 $\frac{1}{4}$
D 9040	2	22.69	3 $\frac{11}{16}$	3 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{3}{8}$	2 $\frac{11}{16}$
	1 $\frac{1}{2}$	16.81	3 $\frac{11}{16}$	3 $\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{8}$	2 $\frac{11}{16}$
	1 $\frac{1}{4}$	13.87	3 $\frac{11}{16}$	3 $\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{8}$	2 $\frac{11}{16}$
	1	10.95	3 $\frac{11}{16}$	3 $\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{8}$	2 $\frac{11}{16}$
	$\frac{3}{4}$	9.50	3 $\frac{1}{2}$	3 $\frac{1}{2}$	.....	$\frac{3}{8}$	2 $\frac{11}{16}$
	$\frac{3}{4}$	8.05	3 $\frac{3}{4}$	3 $\frac{1}{2}$	.....	$\frac{3}{8}$	2 $\frac{11}{16}$
D 8540	2	21.94	3 $\frac{11}{16}$	2 $\frac{11}{16}$	1 $\frac{1}{2}$	$\frac{3}{8}$	2 $\frac{3}{4}$
	1 $\frac{1}{2}$	16.25	3 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{5}{8}$	$\frac{3}{8}$	2 $\frac{3}{4}$
	1 $\frac{1}{4}$	13.41	3 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	2 $\frac{3}{4}$
	1	10.58	3 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	2 $\frac{3}{4}$
	$\frac{3}{4}$	9.17	3 $\frac{11}{16}$	2 $\frac{11}{16}$	.....	$\frac{3}{8}$	2 $\frac{3}{4}$
	$\frac{3}{4}$	7.77	3 $\frac{11}{16}$	2 $\frac{11}{16}$	.....	$\frac{3}{8}$	2 $\frac{3}{4}$
D 8040	2	20.99	3 $\frac{1}{2}$	2 $\frac{11}{16}$	1 $\frac{1}{2}$	$\frac{11}{16}$	2 $\frac{3}{4}$
	1 $\frac{1}{2}$	15.53	3 $\frac{1}{2}$	2 $\frac{11}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	2 $\frac{3}{4}$
	1 $\frac{1}{4}$	12.81	3 $\frac{1}{2}$	2 $\frac{11}{16}$	$\frac{3}{8}$	$\frac{11}{16}$	2 $\frac{3}{4}$
	1	10.10	3 $\frac{1}{2}$	2 $\frac{11}{16}$	$\frac{3}{8}$	$\frac{11}{16}$	2 $\frac{3}{4}$
	$\frac{3}{4}$	8.76	3 $\frac{1}{2}$	2 $\frac{11}{16}$	.....	$\frac{11}{16}$	2 $\frac{3}{4}$
	$\frac{3}{4}$	7.41	3 $\frac{3}{4}$	2 $\frac{11}{16}$	.....	$\frac{11}{16}$	2 $\frac{3}{4}$
	$\frac{1}{2}$	4.79	3	2 $\frac{11}{16}$	.....	$\frac{11}{16}$	2 $\frac{3}{4}$
	$\frac{3}{8}$	3.53	2 $\frac{11}{16}$	2 $\frac{11}{16}$	.....	$\frac{11}{16}$	2 $\frac{3}{4}$

TRACK ACCESSORIES

D—REINFORCING BARS—TIGHT FIT—Continued

A. S. C. E. RAILS

(AMERICAN SOCIETY OF CIVIL ENGINEERS')



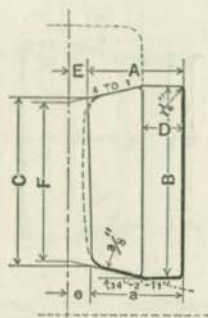
Section Index	Thickness, In Inches A	Weight per Foot, Pounds	Dimensions in Inches				
			B	C	D	E	F
D 7540	2	20.56	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	1 $\frac{1}{2}$	15.22	3 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	1 $\frac{1}{4}$	12.54	3 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	1	9.89	3 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	3 $\frac{1}{8}$	8.57	3 $\frac{1}{2}$	2 $\frac{1}{2}$	.....	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	3 $\frac{1}{4}$	7.25	3 $\frac{1}{2}$	2 $\frac{1}{2}$	.....	2 $\frac{1}{2}$	2 $\frac{1}{2}$
D 7040	2	19.93	3 $\frac{1}{2}$	2 $\frac{3}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	1 $\frac{1}{2}$	14.74	3 $\frac{1}{2}$	2 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	1 $\frac{1}{4}$	10.86	3 $\frac{1}{2}$	2 $\frac{3}{4}$	3 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	1	9.57	3 $\frac{1}{2}$	2 $\frac{3}{4}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	3 $\frac{1}{8}$	8.29	3 $\frac{1}{2}$	2 $\frac{3}{4}$	.....	2 $\frac{1}{2}$	2 $\frac{1}{2}$
	3 $\frac{1}{4}$	7.01	2 $\frac{1}{2}$	2 $\frac{3}{4}$	.....	2 $\frac{1}{2}$	2 $\frac{1}{2}$
D 6540	2	19.29	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$
	1 $\frac{1}{2}$	14.28	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$
	1 $\frac{1}{4}$	10.50	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$
	1	9.26	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$
	3 $\frac{1}{8}$	8.01	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.....	2 $\frac{1}{2}$	2 $\frac{3}{4}$
	3 $\frac{1}{4}$	6.77	2 $\frac{3}{4}$	2 $\frac{1}{2}$	.....	2 $\frac{1}{2}$	2 $\frac{3}{4}$
D 6040	2	18.44	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
	1 $\frac{1}{2}$	13.63	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
	1 $\frac{1}{4}$	10.02	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
	1	8.83	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{1}{2}$	2 $\frac{1}{2}$
	3 $\frac{1}{8}$	7.64	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.....	1 $\frac{1}{2}$	2 $\frac{1}{2}$
	3 $\frac{1}{4}$	6.45	2 $\frac{3}{4}$	2 $\frac{1}{2}$	.....	1 $\frac{1}{2}$	2 $\frac{1}{2}$

ILLINOIS STEEL COMPANY

D—REINFORCING BARS—TIGHT FIT—Continued

A. R. A. RAILS—TYPE "A"

(AMERICAN RAILWAY ASSOCIATION)



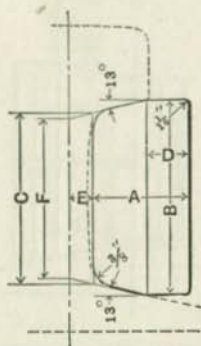
Section Index	Thickness	Weight per Foot, Pounds	Dimensions in Inches							
			A	a	B	C	D	E	e	F
D 10020	2	26.67	2 $\frac{1}{2}$	1 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	1 $\frac{1}{2}$	19.79	1 $\frac{1}{2}$	1 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	1 $\frac{1}{4}$	16.35	1 $\frac{1}{2}$	1 $\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	1	12.92	1 $\frac{1}{2}$	$\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	$\frac{3}{4}$	11.22	$\frac{1}{2}$	$\frac{1}{2}$	4 $\frac{1}{4}$	3 $\frac{1}{2}$	.....	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	$\frac{3}{4}$	9.52	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	.....	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$
D 9020	2	25.08	2 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	1 $\frac{1}{2}$	18.58	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	1 $\frac{1}{4}$	15.34	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	1	12.12	1 $\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	$\frac{3}{4}$	10.52	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	.....	$\frac{3}{4}$	$\frac{1}{2}$	3 $\frac{1}{2}$
	$\frac{3}{4}$	8.91	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{2}$	.....	$\frac{3}{4}$	$\frac{1}{2}$	3 $\frac{1}{2}$

TRACK ACCESSORIES

D—REINFORCING BARS—TIGHT FIT—Continued

A. R. A. RAILS—TYPE "B"

(AMERICAN RAILWAY ASSOCIATION)

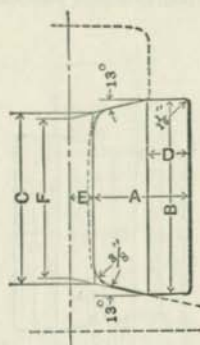


Section Index	Thickness, In Inches A	Weight per Foot, Pounds	Dimensions in Inches				
			B	C	D	E	F
D 10030	2	22.69	3½	3½	1½	¾	2½
	1½	16.81	3½	3½	¾	¾	2½
	1¼	13.87	3½	3½	¾	¾	2½
	1	10.95	3½	3½	¾	¾	2½
	¾	9.50	3½	3½	.....	¾	2½
	¾	8.05	3¾	3½	.....	¾	2½
D 9030	2	20.99	3½	2½	1½	½	2½
	1½	15.53	3½	2½	¾	½	2½
	1¼	12.81	3½	2½	¾	½	2½
	1	10.10	3½	2½	¾	½	2½
	¾	8.76	3½	2½	.....	½	2½
	¾	7.41	3¾	2½	.....	½	2½
	½	4.79	3	2½	.....	½	2½
	¾	3.53	2½	2½	.....	½	2½
D 8030	2	19.93	3½	2½	1½	½	2½
	1½	14.74	3½	2½	¾	½	2½
	1¼	10.86	3½	2½	¾	½	2½
	1	9.57	3½	2½	¾	½	2½
	¾	8.29	3½	2½	.....	½	2½
	¾	7.01	2½	2½	.....	½	2½

ILLINOIS STEEL COMPANY

D—REINFORCING BARS—TIGHT FIT—Continued

VARIOUS TYPES

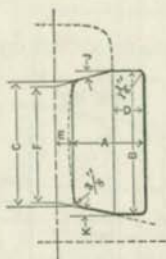


Section Index	Thickness, In Inches, A	Weight per Foot, Pounds	Dimensions in Inches				
			B	C	D	E	F
A. R. A.—"B" -Rails	2	18.44	2 $\frac{11}{16}$	2 $\frac{11}{16}$	1 $\frac{1}{2}$	$\frac{1}{8}$	2 $\frac{11}{16}$
	1 $\frac{1}{2}$	13.63	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{5}{8}$	$\frac{1}{8}$	2 $\frac{11}{16}$
D 7030	1 $\frac{1}{2}$	10.02	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{3}{4}$	$\frac{1}{8}$	2 $\frac{11}{16}$
	1	8.83	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{1}{2}$	$\frac{1}{8}$	2 $\frac{11}{16}$
	$\frac{3}{4}$	7.64	2 $\frac{11}{16}$	2 $\frac{11}{16}$	.....	$\frac{1}{8}$	2 $\frac{11}{16}$
	$\frac{3}{4}$	6.45	2 $\frac{3}{4}$	2 $\frac{11}{16}$	.....	$\frac{1}{8}$	2 $\frac{11}{16}$
	2	16.81	2 $\frac{11}{16}$	2 $\frac{11}{16}$	1 $\frac{1}{2}$	$\frac{11}{16}$	2 $\frac{1}{8}$
D 6030	1 $\frac{1}{2}$	12.44	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{3}{4}$	$\frac{11}{16}$	2 $\frac{1}{8}$
	1 $\frac{1}{2}$	9.18	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{3}{8}$	$\frac{11}{16}$	2 $\frac{1}{8}$
	1	8.09	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{1}{4}$	$\frac{11}{16}$	2 $\frac{1}{8}$
	$\frac{3}{4}$	7.01	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{1}{2}$	$\frac{11}{16}$	2 $\frac{1}{8}$
	$\frac{3}{4}$	5.94	2 $\frac{11}{16}$	2 $\frac{11}{16}$	.....	$\frac{11}{16}$	2 $\frac{1}{8}$
	2	19.29	2 $\frac{11}{16}$	2 $\frac{11}{16}$	1 $\frac{1}{2}$	$\frac{11}{16}$	2 $\frac{3}{8}$
Miscellaneous Rails D 8533	1 $\frac{1}{2}$	14.28	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	2 $\frac{3}{8}$
	1 $\frac{1}{2}$	11.75	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{3}{8}$	$\frac{11}{16}$	2 $\frac{3}{8}$
	1	9.26	2 $\frac{11}{16}$	2 $\frac{11}{16}$	$\frac{1}{2}$	$\frac{11}{16}$	2 $\frac{3}{8}$
	$\frac{3}{4}$	8.01	2 $\frac{11}{16}$	2 $\frac{11}{16}$	.....	$\frac{11}{16}$	2 $\frac{3}{8}$
	$\frac{3}{4}$	6.77	2 $\frac{3}{4}$	2 $\frac{11}{16}$	.....	$\frac{11}{16}$	2 $\frac{3}{8}$

TRACK ACCESSORIES

D—REINFORCING BARS—TIGHT FIT—Continued

MISCELLANEOUS RAILS

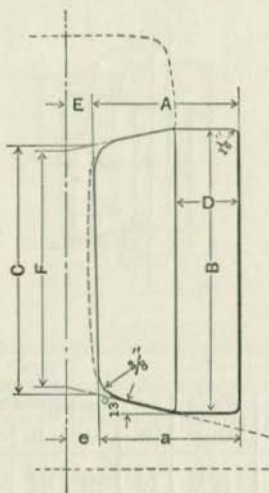


Section Index	Thickness, in Inches, A	Weight per Foot, Pounds	Dimensions in Inches					Angle	
			B	C	D	E	F	J	K
D 10031	2	22.43	3 $\frac{1}{8}$	2 $\frac{1}{2}$	1 $\frac{1}{8}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	15°	13°
	1 $\frac{1}{2}$	16.60	3 $\frac{1}{8}$	2 $\frac{1}{2}$	5 $\frac{1}{8}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	15°	13°
	1 $\frac{3}{4}$	13.68	3 $\frac{1}{8}$	2 $\frac{1}{2}$	7 $\frac{1}{8}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	15°	13°
	1	10.80	3 $\frac{1}{8}$	2 $\frac{1}{2}$	7 $\frac{1}{8}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	15°	13°
	3 $\frac{1}{4}$	9.36	3 $\frac{1}{8}$	2 $\frac{1}{2}$	.....	3 $\frac{1}{8}$	2 $\frac{1}{2}$	15°	13°
	3 $\frac{1}{8}$	7.93	3 $\frac{1}{8}$	2 $\frac{1}{2}$	.....	3 $\frac{1}{8}$	2 $\frac{1}{2}$	15°	13°
D 7250	2	20.28	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	14°	14°
	1 $\frac{1}{2}$	15.03	3 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	14°	14°
	1 $\frac{3}{8}$	11.11	3 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{8}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	14°	14°
	1	9.81	3 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	14°	14°
	3 $\frac{1}{4}$	8.51	3 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{8}$	3 $\frac{1}{8}$	2 $\frac{1}{2}$	14°	14°
	3 $\frac{1}{8}$	7.21	3 $\frac{1}{2}$	2 $\frac{1}{2}$	.....	3 $\frac{1}{8}$	2 $\frac{1}{2}$	14°	14°
D 6051	2	17.32	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	2 $\frac{1}{2}$	14°	12°-50'
	1 $\frac{1}{2}$	12.82	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	14°	12°-50'
	1 $\frac{3}{8}$	9.45	2 $\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	14°	12°-50'
	1	8.34	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	14°	12°-50'
	3 $\frac{1}{4}$	7.22	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2 $\frac{1}{8}$	14°	12°-50'
	3 $\frac{1}{8}$	6.12	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.....	1 $\frac{1}{8}$	2 $\frac{1}{8}$	14°	12°-50'
	1 $\frac{1}{2}$	3.89	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.....	1 $\frac{1}{8}$	2 $\frac{1}{8}$	14°	12°-50'
	5 $\frac{1}{8}$	2.86	2 $\frac{1}{2}$	2 $\frac{1}{2}$	.....	1 $\frac{1}{8}$	2 $\frac{1}{8}$	14°	12°-50'
D 58-56	2	15.65	2 $\frac{1}{8}$	2 $\frac{1}{4}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$ -58 1 $\frac{1}{4}$ -56	1 $\frac{1}{2}$	12°	12°
	1 $\frac{1}{2}$	11.51	2 $\frac{1}{8}$	2 $\frac{1}{4}$	5 $\frac{1}{8}$	1 $\frac{1}{4}$ -58 1 $\frac{1}{4}$ -56	1 $\frac{1}{2}$	12°	12°
	1 $\frac{1}{4}$	8.40	2 $\frac{1}{8}$	2 $\frac{1}{4}$	3 $\frac{1}{4}$	1 $\frac{1}{4}$ -58 1 $\frac{1}{4}$ -56	1 $\frac{1}{2}$	12°	12°
	1	7.40	2 $\frac{1}{8}$	2 $\frac{1}{4}$	1 $\frac{1}{8}$	1 $\frac{1}{4}$ -58 1 $\frac{1}{4}$ -56	1 $\frac{1}{2}$	12°	12°
	3 $\frac{1}{8}$	6.39	2 $\frac{1}{2}$	2 $\frac{1}{4}$	.....	1 $\frac{1}{4}$ -58 1 $\frac{1}{4}$ -56	1 $\frac{1}{2}$	12°	12°
	3 $\frac{1}{4}$	5.40	2 $\frac{1}{2}$	2 $\frac{1}{4}$	.....	1 $\frac{1}{4}$ -58 1 $\frac{1}{4}$ -56	1 $\frac{1}{2}$	12°	12°

ILLINOIS STEEL COMPANY

D—REINFORCING BARS—TIGHT FIT—Concluded

MISCELLANEOUS RAILS



Section Index	Thickness.	Weight per Foot, Pounds	Dimensions in Inches							
			A	a	B	C	D	E	e	F
D 9034	2	22.87	2 $\frac{1}{4}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{1}{4}$
	1 $\frac{1}{2}$	16.94	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{1}{4}$
	1 $\frac{1}{4}$	13.97	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{1}{4}$
	1	11.03	1 $\frac{1}{4}$	$\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{1}{4}$
	$\frac{3}{8}$	9.56	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	.....	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{1}{4}$
	$\frac{3}{4}$	8.13	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	.....	$\frac{1}{2}$	$\frac{1}{2}$	2 $\frac{1}{4}$
D 9023	2	26.22	2 $\frac{1}{2}$	1 $\frac{1}{2}$	4	3 $\frac{1}{8}$	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{4}$
	1 $\frac{1}{2}$	19.54	1 $\frac{1}{2}$	1 $\frac{1}{2}$	4	3 $\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{4}$
	1 $\frac{1}{4}$	16.15	1 $\frac{1}{2}$	1 $\frac{1}{2}$	4	3 $\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{4}$
	1	12.78	1 $\frac{1}{2}$	1 $\frac{1}{2}$	4	3 $\frac{1}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{4}$
	$\frac{3}{8}$	11.09	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	.....	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{4}$
	$\frac{3}{4}$	9.40	1 $\frac{1}{2}$	1 $\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{1}{8}$	.....	$\frac{1}{2}$	$\frac{1}{2}$	3 $\frac{1}{4}$

TRACK ACCESSORIES

TIE PLATES

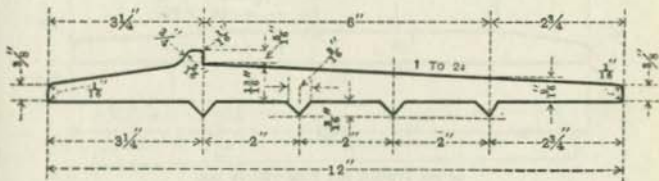
These represent the most commonly used types.

In addition, many other plates are rolled and information concerning them will be furnished upon request.

We have facilities for cutting to desired lengths and punching to suit all standard rails.

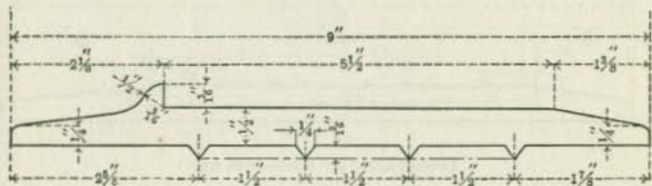
RIBBED BOTTOM SHOULDER

TP 340



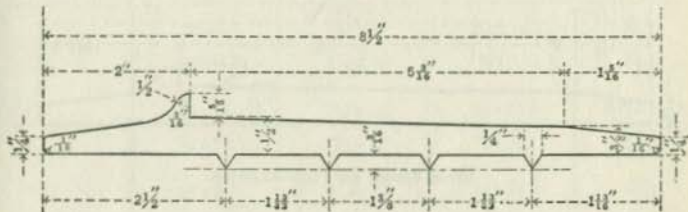
Gross weight per foot—25.77 lbs.

TP 325



Gross weight per foot—14.66 lbs.

TP 324



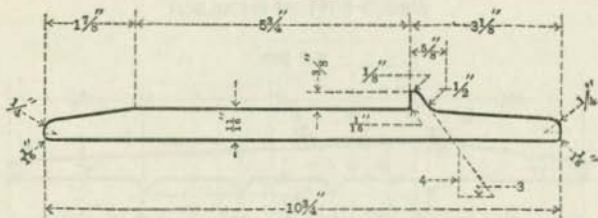
Gross weight per foot—12.28 lbs.

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TIE PLATES—Concluded

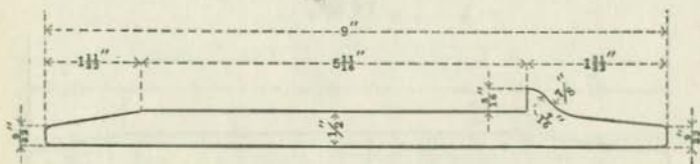
FLAT BOTTOM SHOULDER

TP 552



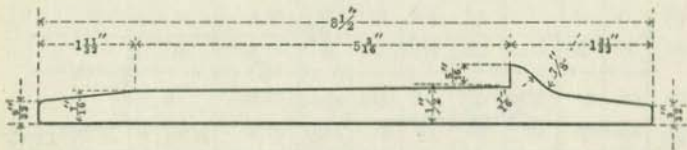
Gross Weight per Foot—22.04 lbs.

TP 501



Gross Weight per Foot—14.54 lbs.

TP 336

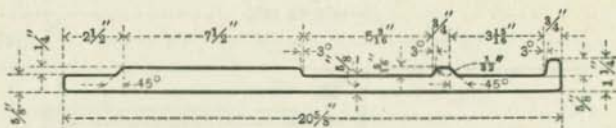


Gross Weight per Foot—13.00 lbs.

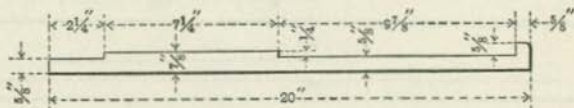
TRACK ACCESSORIES

RISER OR SLIDE PLATES

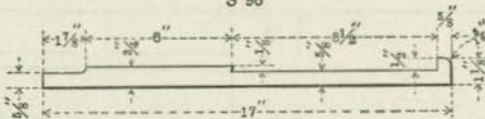
S 186



S 185



S 96

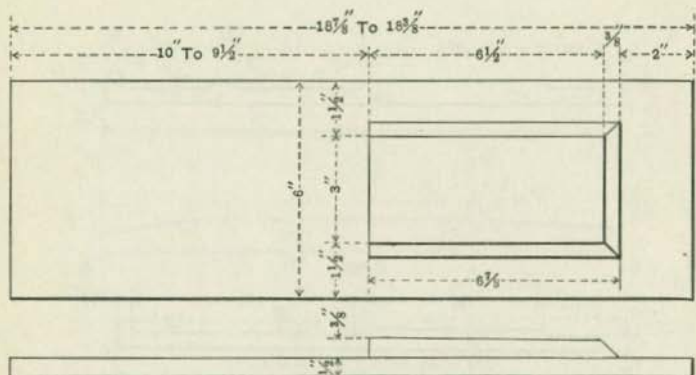


Section Index	Base, Inches	Riser, Inches	End Project, Inches	Weight per Foot, Pounds
S 186	$20\frac{5}{8} \times \frac{3}{4}$	$7\frac{1}{2} \times \frac{3}{4}$	$\frac{3}{4} \times \frac{5}{8}$	61.5
	$20\frac{5}{8} \times \frac{5}{8}$	$7\frac{1}{2} \times \frac{3}{4}$	$\frac{3}{4} \times \frac{5}{8}$	52.7
S 185	$20 \times \frac{3}{4}$	$7\frac{1}{4} \times \frac{3}{4}$	$\frac{5}{8} \times \frac{5}{8}$	58.3
	$20 \times \frac{5}{8}$	$7\frac{1}{4} \times \frac{3}{4}$	$\frac{5}{8} \times \frac{5}{8}$	50.0
S 96	$17 \times \frac{5}{8}$	$6 \times \frac{3}{4}$	$\frac{5}{8} \times \frac{3}{2}$	42.3
	$17 \times \frac{5}{8}$	$6 \times \frac{1}{2}$	$\frac{5}{8} \times \frac{3}{2}$	41.0
	$17 \times \frac{5}{8}$	$6 \times \frac{3}{8}$	$\frac{5}{8} \times \frac{3}{2}$	39.7

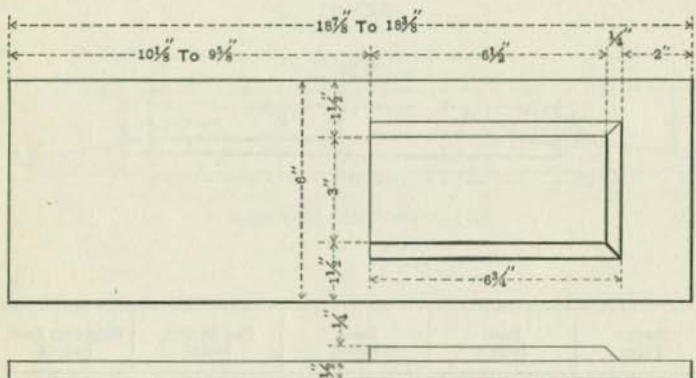
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RISER OR SLIDE PLATES—Concluded

S 17



S 106

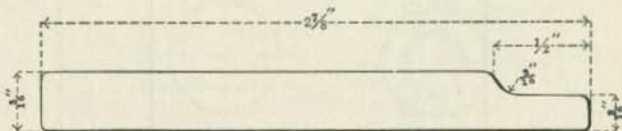


Section Index	Base, Inches	Riser, Inches	Gross Weight per Plate, Pounds
S 17	18 $\frac{3}{8}$ to 18 $\frac{3}{4}$ x $\frac{1}{2}$	6 $\frac{1}{2}$ x $\frac{3}{8}$	18.2
S 106	18 $\frac{3}{8}$ to 18 $\frac{3}{4}$ x $\frac{1}{2}$	6 $\frac{1}{2}$ x $\frac{1}{4}$	17.4

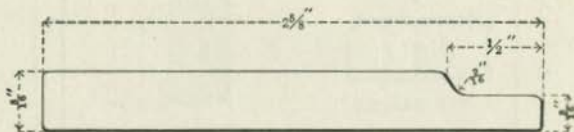
TRACK ACCESSORIES

RAIL ANCHOR SECTIONS

*S 146



*S 145



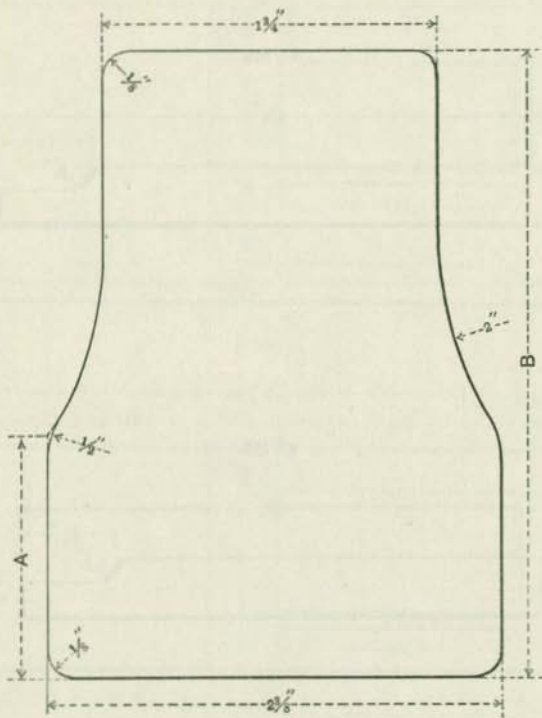
Section Index	Width, Inches	Thickness, Inches	Weight per Foot, Pounds
*S 146	2 3/8	1/8	2.72
*S 145	2 5/8	1/8	2.47

*Furnished only by special arrangement

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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
	$2\frac{3}{8}$ and $1\frac{3}{4}$	$1\frac{1}{8}$	$3\frac{1}{2}$	24.23
	$2\frac{3}{8}$ and $1\frac{3}{4}$	$1\frac{1}{4}$	$3\frac{1}{4}$	22.53

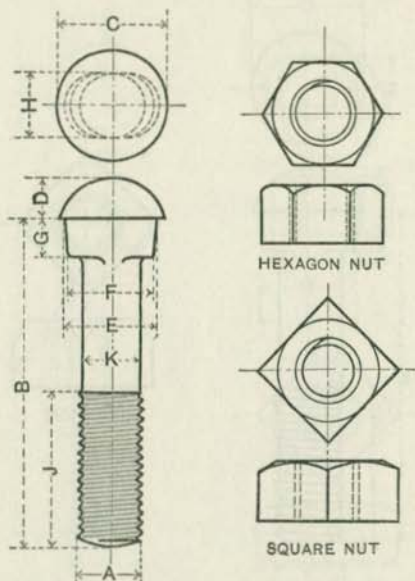
TRACK ACCESSORIES

TRACK BOLTS

ORDINARY

U. S. STANDARD ROLLED THREAD

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



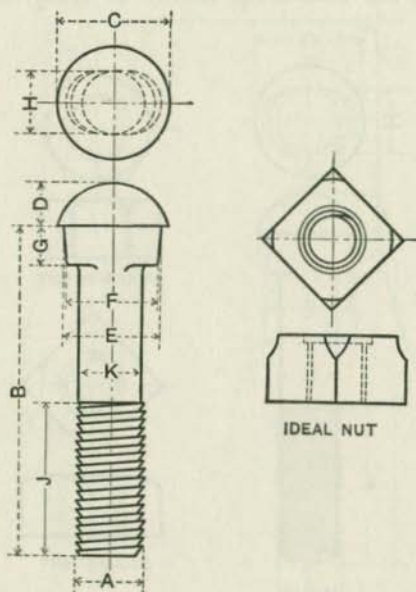
Diam. A		Length B	Head		Shoulder				Length of Thread J	Diam. of Shank K		Size of Nut Width by Distance Across Flats	
			C	D	E	F	G	H					
In.	Mm.		In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.	
3/8	9	1 1/2	17.5	7.1	13.5	1/2	12.7	5.6	8.7	1 1/2	8.7	3/8 x 1 1/2	9.5x17.5
1/2	12.7	1 3/4	20.6	8.3	17.5	5/8	16.7	7.9	11.5	1 3/4	11.5	1/2 x 1 3/4	12.7x22.2
5/8	15.9	1 7/8	26.2	10.3	23.0	3/4	22.2	9.5	14.7	1 7/8	14.7	5/8 x 1 7/8	15.9x27.0
3/4	19.0	2	31.7	11.9	27.0	7/8	26.2	11.1	17.5	2	17.5	3/4 x 2	19.0x31.7
7/8	22.2	2 1/8	32.5	12.7	27.0	1	26.2	11.1	18.2	2 1/8	18.2	7/8 x 2 1/8	19.0x31.7
1	25.4	2 1/4	33.3	13.5	27.0	1 1/8	26.2	11.1	19.0	2 1/4	19.0	1 x 2 1/4	19.0x34.9
1 1/8	27.0	2 3/8	36.5	14.3	30.9	1 1/4	30.2	12.7	20.6	2 3/8	20.6	1 1/8 x 2 3/8	22.2x36.5
1 1/4	31.7	2 7/8	38.1	15.9	30.9	1 1/2	30.2	12.7	22.2	2 7/8	22.2	1 1/4 x 2 7/8	22.2x36.5
1 3/8	34.9	3	41.3	16.7	34.9	1 3/4	34.1	14.3	23.8	3	23.8	1 3/8 x 3	25.4x41.3
1 1/2	38.1	3 1/8	42.9	17.5	34.9	1 7/8	34.1	14.3	25.4	3 1/8	25.4	1 1/2 x 3 1/8	25.4x41.3
1 5/8	39.7	3 1/4	44.1	18.3	34.9	2	34.1	14.3	25.4	3 1/4	25.4	1 5/8 x 3 1/4	25.4x41.3
1 3/4	41.3	3 3/8	45.7	19.0	38.9	2 1/8	38.1	15.9	27.0	3 3/8	27.0	1 3/4 x 3 3/8	25.4x41.3
1 7/8	47.6	3 7/8	46.0	19.0	38.9	2 1/2	38.1	15.9	27.0	3 7/8	27.0	1 7/8 x 3 7/8	25.4x41.3

ILLINOIS STEEL COMPANY

TRACK BOLTS—Continued

ORDINARY

HARVEY GRIP ROLLED THREAD



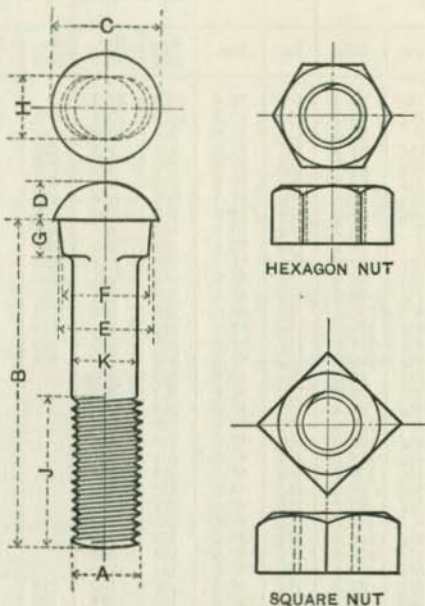
Diam. A		Length B Per Order	Head		Shoulder				Length of Thread J Per Order	Diam. of Shank K		Size of Nut Width by Distance Across Flats			
			C	D	E	F	G	H							
In.	Mm.		In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.			
$\frac{5}{16}$	15.9	$1\frac{1}{8}$	26.2	$\frac{11}{16}$	10.3	$\frac{23}{16}$	23.0	$\frac{7}{8}$	22.2	$\frac{3}{8}$	9.5	$\frac{11}{16}$	14.7	$\frac{3}{4} \times 1\frac{1}{8}$	19.0x27.0
$\frac{3}{8}$	19.0	$1\frac{1}{4}$	31.7	$\frac{11}{16}$	11.9	$\frac{27}{16}$	27.0	$1\frac{1}{8}$	26.2	$\frac{1}{2}$	11.1	$\frac{11}{16}$	17.5	$\frac{1}{2} \times 1\frac{1}{4}$	22.2x31.7
$\frac{1}{2}$	19.8	$1\frac{3}{8}$	32.5	$\frac{11}{16}$	12.7	$\frac{27}{16}$	27.0	$1\frac{1}{8}$	26.2	$\frac{1}{2}$	11.1	$\frac{11}{16}$	18.2	$\frac{1}{2} \times 1\frac{3}{8}$	22.2x34.9
$\frac{5}{8}$	20.6	$1\frac{1}{2}$	33.3	$\frac{11}{16}$	13.5	$\frac{27}{16}$	27.0	$1\frac{1}{8}$	26.2	$\frac{1}{2}$	11.1	$\frac{11}{16}$	19.0	$\frac{1}{2} \times 1\frac{1}{2}$	22.2x34.9
$\frac{3}{4}$	22.8	$1\frac{5}{8}$	36.5	$\frac{11}{16}$	14.3	$\frac{30}{16}$	30.9	$1\frac{1}{8}$	30.2	$\frac{1}{2}$	12.7	$\frac{11}{16}$	20.6	$1 \times 1\frac{1}{2}$	25.4x38.1
$\frac{7}{8}$	23.8	$1\frac{3}{4}$	38.1	$\frac{11}{16}$	15.9	$\frac{30}{16}$	30.9	$1\frac{1}{8}$	30.2	$\frac{1}{2}$	12.7	$\frac{11}{16}$	22.2	$1 \times 1\frac{3}{8}$	25.4x38.1
1	25.4	$1\frac{7}{8}$	41.3	$\frac{11}{16}$	16.7	$\frac{34}{16}$	34.9	$1\frac{1}{8}$	34.1	$\frac{1}{2}$	14.3	$\frac{11}{16}$	23.8	$1\frac{1}{8} \times 1\frac{1}{2}$	28.6x41.3
$1\frac{1}{8}$	27.0	$2\frac{1}{8}$	42.9	$\frac{11}{16}$	17.5	$\frac{34}{16}$	34.9	$1\frac{1}{8}$	34.1	$\frac{1}{2}$	14.3	$\frac{11}{16}$	25.4	$1\frac{1}{8} \times 1\frac{3}{8}$	28.6x41.3

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								
In.	Mm.		In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.		
1/4	12.7	Per Order	3/16	21.4	1/2	8.7	1 1/8	17.5	1 1/2	16.7	3/8	7.9	1/2	12.7	1/2 x 3/4	12.7x22.2
5/16	15.9		1 1/8	27.0	1 1/4	11.1	1 3/8	23.0	1 3/4	22.2	7/16	9.5	5/8	15.9	5/8 x 1 1/4	15.9x27.0
3/8	19.0		1 1/4	33.3	1 3/8	13.5	1 1/2	27.0	1 7/8	26.2	1/2	11.1	3/4	19.0	3/4 x 1 1/4	19.0x31.7
7/16	22.2		1 1/2	38.1	1 1/2	15.9	1 5/8	30.9	2	30.2	1/2	12.7	3/4	22.2	3/4 x 1 1/4	22.2x36.5
1/2	23.8		1 3/4	41.3	1 3/4	16.7	1 3/4	34.9	2 1/8	34.1	1/2	14.3	7/8	23.8	7/8 x 1 1/4	23.8x38.1
9/16	25.4		1 7/8	42.9	1 7/8	17.5	1 3/4	34.9	2 1/4	34.1	1/2	14.3	1	25.4	1 x 1 1/4	25.4x41.3

ILLINOIS STEEL COMPANY

TRACK BOLTS—Continued

ORDINARY

Number per Keg

Diameter of Bolt		Length of Bolt		Length of Thread		Theoretical Number per Keg of 200 Pounds—90.72 Kg				
In.	Mm.	In.	Mm.	In.	Mm.	Rolled Thread		Cut Thread		Harvey Grip Rolled Thread
						Sq. Nut	Hex. Nut	Sq. Nut	Hex. Nut	Ideal Recessed
3/8	9.5	1 1/4	38.1	1	25.4	2116	2276			
1/2	12.7	1 3/4	44.5	1 7/8	22.2	1012	1064	902	960	
1/2	12.7	2	50.8	1	25.4	964	1006	849	901	
1/2	12.7	2 1/4	57.2	1 1/4	31.8	915	953	802	847	
1/2	12.7	2 1/2	63.5	1 1/4	31.8	870	905	759	800	
3/4	15.9	2 1/4	57.2	1 3/4	31.8	530	561	458	492	
3/4	15.9	2 1/2	63.5	1 3/4	31.8	505	533	436	476	
3/4	15.9	2 3/4	69.9	1 3/4	34.9	483	506	416	446	
3/4	15.9	3	76.2	1 1/2	38.1	462	484	398	433	
3/4	19.0	3	76.2	1 1/2	38.1	285	302	260	280	272
3/4	19.0	3 1/4	82.6	1 1/2	41.3	276	291	250	268	263
3/4	19.0	3 1/2	88.9	1 1/2	44.5	266	281	240	257	254
3/4	19.0	3 3/4	95.3	1 1/2	47.6	257	271	232	247	246
3/4	19.0	4	101.6	1 1/2	47.6	249	262	224	238	238
3/4	19.0	4 1/4	103.0	1 1/2	47.6	242	254	216	229	231
3/4	19.0	4 1/2	114.3	1 1/2	47.6	235	246	209	221	224
3/4	19.0	4 3/4	120.7	1 1/2	47.6	228	238	202	214	218
3/4	19.8	3 1/4	82.6	1 1/2	41.3	263	276			244
3/4	19.8	3 1/2	88.9	1 1/2	44.5	253	266			236
3/4	19.8	3 3/4	95.3	1 1/2	47.6	244	256			228
3/4	19.8	4	101.6	1 1/2	47.6	236	247			221
3/4	19.8	4 1/4	108.0	1 1/2	47.6	228	239			214
3/4	19.8	4 1/2	114.3	1 1/2	47.6	221	231			208
3/4	19.8	4 3/4	120.7	1 1/2	47.6	214	223			202
3/4	20.6	3 1/2	88.9	1 1/2	44.5	225	239			214
3/4	20.6	3 3/4	95.3	1 1/2	47.6	217	230			207
3/4	20.6	4	101.6	1 1/2	47.6	210	222			201
3/4	20.6	4 1/4	108.0	1 1/2	47.6	203	215			195
3/4	20.6	4 1/2	114.3	1 1/2	47.6	197	208			189
3/4	20.6	4 3/4	120.7	1 1/2	47.6	191	201			183
3/4	22.2	3 1/2	89.9	1 1/2	44.5	181	189	173	183	169
3/4	22.2	3 3/4	95.3	1 1/2	47.6	175	183	167	176	164
3/4	22.2	4	101.6	1 1/2	47.6	169	177	161	170	159
3/4	22.2	4 1/4	108.0	2	50.8	164	171	156	164	154
3/4	22.2	4 1/2	114.3	2	50.8	159	166	151	159	150
3/4	22.2	4 3/4	120.7	2	50.8	154	161	146	154	146
3/4	23.8	3 3/4	95.3	1 7/8	47.6	157	165	152	160	146
3/4	23.8	4	101.6	2	50.8	152	160	147	155	141
3/4	23.8	4 1/4	108.0	2	50.8	147	156	142	150	136
3/4	23.8	4 1/2	114.3	2	50.8	142	151	137	145	132
3/4	23.8	4 3/4	120.7	2	50.8	138	146	133	141	129
1	25.4	3 3/4	95.3	1 3/4	47.6	133	140	122	128	125
1	25.4	4	101.6	2	50.8	128	135	118	124	120
1	25.4	4 1/4	108.0	2	50.8	124	130	114	120	117
1	25.4	4 1/2	114.3	2	50.8	120	126	110	116	114
1	25.4	4 3/4	120.7	2	50.8	116	121	107	112	111
1	25.4	5	127.0	2	50.8	112	117	104	109	108
1 1/8	27.0	4	101.6	2	50.8	119	126			113
1 1/8	27.0	4 1/4	108.0	2	50.8	115	122			109
1 1/8	27.0	4 1/2	114.3	2	50.8	111	118			105
1 1/8	27.0	4 3/4	120.7	2	50.8	108	114			102
1 1/8	27.0	5	127.0	2	50.8	105	111			99

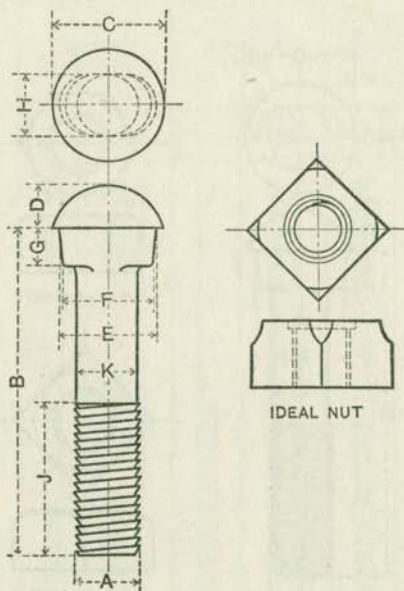
The number of bolts per 200-lb keg is only approximate due to variations allowed in dimension by specifications.

TRACK ACCESSORIES

TRACK BOLTS—Continued

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		In.	Mm.	In.	Mm.				
3/8	19.0	1 1/4	31.7	1 1/8	11.9	1 1/8	27.0	1 1/8	26.2	1/8	11.1	1 1/8	17.5	1 1/8	25.4	31.7
7/16	19.8	1 1/2	32.5	1 1/8	12.7	1 1/8	27.0	1 1/8	26.2	1/8	11.1	1 1/8	18.2	1 1/8	25.4	34.9
1/2	20.	1 3/8	33.3	1 1/8	13.5	1 1/8	27.0	1 1/8	26.2	1/8	11.1	1 1/8	19.0	1 1/8	28.6	34.9
5/8	22.2	1 1/2	36.5	1 3/8	14.3	1 1/8	30.9	1 1/8	30.2	1/4	12.7	1 1/8	20.6	1 1/8	31.7	38.1
3/4	23.8	1 3/4	38.1	1 3/8	15.9	1 1/8	30.9	1 1/8	30.2	1/4	12.7	1 1/8	22.2	1 1/8	31.7	38.1
7/8	25.4	1 3/4	41.3	1 3/8	16.7	1 1/8	34.9	1 1/8	34.1	1/4	14.3	1 1/8	23.8	1 1/8	34.9	41.3
1	27.0	1 3/4	42.9	1 3/8	17.5	1 1/8	34.9	1 1/8	34.1	1/4	14.3	1 1/8	25.4	1 1/8	34.9	41.3

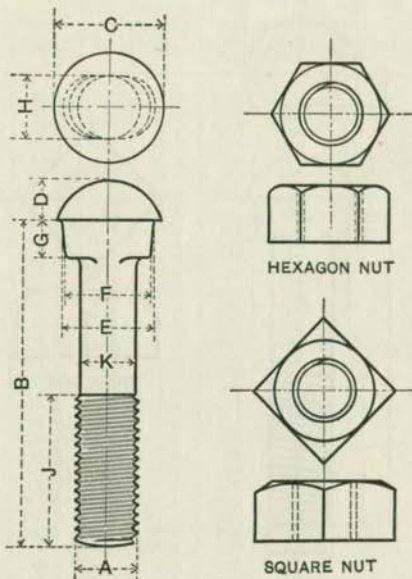
Above table gives dimensions of nuts with recess. If recess is not wanted, thickness of nut will be reduced 1/8 inch in each case and length of bolt reduced the same amount.

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			In.	Mm.					
In.	Mm.	Per Order	In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.	In.	Mm.					
$\frac{3}{4}$	19.0	$1\frac{1}{4}$	31.7	$4\frac{1}{2}$	11.9	$1\frac{1}{8}$	27.0	$1\frac{1}{8}$	26.2	$\frac{7}{8}$	11.1	$4\frac{1}{2}$	17.5	$1\frac{1}{4}$	17.5	$\frac{3}{4} \times 1\frac{1}{4}$	22.2x31.7
$\frac{7}{8}$	19.0	$1\frac{1}{2}$	32.5	$\frac{1}{2}$	12.7	$1\frac{1}{8}$	27.0	$1\frac{1}{8}$	26.2	$\frac{7}{8}$	11.1	$4\frac{1}{2}$	18.2	$1\frac{1}{4}$	18.2	$\frac{3}{4} \times 1\frac{1}{4}$	22.2x31.7
$1\frac{1}{8}$	20.0	$1\frac{1}{2}$	33.3	$\frac{1}{2}$	13.5	$1\frac{1}{8}$	27.0	$1\frac{1}{8}$	26.2	$\frac{7}{8}$	11.1	$4\frac{1}{2}$	19.0	$1\frac{1}{4}$	19.0	$1 \times 1\frac{1}{4}$	25.4x34.9
$1\frac{1}{4}$	22.0	$1\frac{1}{2}$	36.5	$\frac{1}{2}$	14.3	$1\frac{1}{8}$	30.9	$1\frac{1}{8}$	30.2	$\frac{7}{8}$	12.7	$4\frac{1}{2}$	20.6	$1\frac{1}{4}$	20.6	$1\frac{1}{4} \times 1\frac{1}{4}$	28.6x36.5
$1\frac{1}{2}$	23.0	$1\frac{1}{2}$	38.1	$\frac{1}{2}$	15.9	$1\frac{1}{8}$	30.9	$1\frac{1}{8}$	30.2	$\frac{7}{8}$	12.7	$4\frac{1}{2}$	22.2	$1\frac{1}{4}$	22.2	$1\frac{1}{4} \times 1\frac{1}{4}$	28.6x36.5
1	25.4	$1\frac{1}{2}$	41.3	$\frac{1}{2}$	16.7	$1\frac{1}{8}$	34.9	$1\frac{1}{8}$	34.1	$\frac{7}{8}$	14.3	$4\frac{1}{2}$	23.8	$1\frac{1}{4}$	23.8	$1\frac{1}{4} \times 1\frac{1}{4}$	31.7x41.3
$1\frac{1}{8}$	27.0	$1\frac{1}{2}$	42.9	$\frac{1}{2}$	17.5	$1\frac{1}{8}$	34.9	$1\frac{1}{8}$	34.1	$\frac{7}{8}$	14.3	$4\frac{1}{2}$	25.4	$1\frac{1}{4}$	25.4	$1\frac{1}{4} \times 1\frac{1}{4}$	31.7x41.3

TRACK ACCESSORIES

TRACK BOLTS—Concluded

OPEN HEARTH OIL QUENCHED

Number per Keg

Diameter of Bolt		Length of Bolt		Length of Thread		Theoretical Number per Keg of 200 Pounds—90.72 Kg.		
						Rolled Thread		Harvey Grip Rolled Thread
In.	Mm.	In.	Mm.	In.	Mm.	Hex. Nut	Sq. Nut		Ideal Recessed
3/4	19.0	3 1/4	88.9	1 1/8	47.6	267	252	241
3/4	19.0	3 3/4	95.3	2	50.8	258	244	233
3/4	19.0	4	101.6	2	50.8	250	236	226
3/4	19.0	4 1/4	108.0	2	50.8	242	229	220
3/4	19.0	4 1/2	114.3	2	50.8	234	222	214
3/4	19.0	4 3/4	120.7	2	50.8	226	215	208
3/4	19.0	5	127.0	2	50.8	219	209	202
3/4	19.8	3 1/4	88.9	1 1/8	47.6	254	240	228
3/4	19.8	3 3/4	95.3	2	50.8	245	232	220
3/4	19.8	4	101.6	2	50.8	237	224	212
3/4	19.8	4 1/4	108.0	2	50.8	229	217	204
3/4	19.8	4 1/2	114.3	2	50.8	222	210	197
3/4	19.8	4 3/4	120.7	2	50.8	216	204	191
3/4	19.8	5	127.0	2	50.8	210	198	186
3/4	20.6	3 3/4	95.3	2 1/8	54.0	214	201	192
3/4	20.6	4	101.6	2 1/8	54.0	207	195	186
3/4	20.6	4 1/4	108.0	2 1/8	54.0	201	189	181
3/4	20.6	4 1/2	114.3	2 1/8	54.0	195	183	176
3/4	20.6	4 3/4	120.7	2 1/8	54.0	189	178	171
3/4	20.6	5	127.0	2 1/8	54.0	184	173	167
3/4	22.2	3 3/4	95.3	2 1/4	54.0	172	164	154
3/4	22.2	4	101.6	2 1/4	54.0	166	159	150
3/4	22.2	4 1/4	108.0	2 1/4	57.2	161	155	146
3/4	22.2	4 1/2	114.3	2 1/4	57.2	157	150	142
3/4	22.2	4 3/4	120.7	2 1/4	57.2	153	146	138
3/4	22.2	5	127.0	2 1/4	57.2	149	142	135
3/4	23.8	3 3/4	95.3	2 1/4	54.0	152	144	134
3/4	23.8	4	101.6	2 1/4	57.2	147	140	130
3/4	23.8	4 1/4	108.0	2 1/4	57.2	142	136	127
3/4	23.8	4 1/2	114.3	2 1/4	57.2	138	132	124
3/4	23.8	4 3/4	120.7	2 1/4	57.2	134	128	121
3/4	23.8	5	127.0	2 1/4	57.2	131	125	118
1	25.4	4	101.6	2 1/4	57.2	126	119	113
1	25.4	4 1/4	108.0	2 1/4	57.2	122	116	110
1	25.4	4 1/2	114.3	2 1/4	57.2	119	113	107
1	25.4	4 3/4	120.7	2 1/4	57.2	116	110	104
1	25.4	5	127.0	2 1/4	57.2	113	107	101
1	25.4	5 1/4	133.4	2 1/4	57.2	110	104	99
1	25.4	5 1/2	139.7	2 1/4	57.2	107	101	97
1 1/8	27.0	4 1/4	108.0	2 1/4	57.2	114	108	103
1 1/8	27.0	4 1/2	114.3	2 1/4	57.2	111	105	100
1 1/8	27.0	4 3/4	120.7	2 1/4	57.2	108	102	97
1 1/8	27.0	5	127.0	2 1/4	57.2	105	99	94
1 1/8	27.0	5 1/4	133.4	2 1/4	57.2	102	96	92
1 1/8	27.0	5 1/2	139.7	2 1/4	57.2	100	94	90

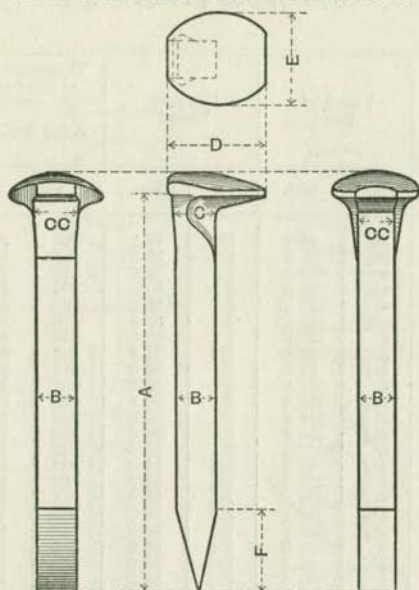
The number of bolts per 200-lb. keg is only approximate due to variations allowed in dimensions by specifications.

ILLINOIS STEEL COMPANY

TRACK SPIKES

STANDARD TYPE

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



Length A		Thickness of Shank B		Thickness of Neck				HEAD				Length of Taper F		Theoretical Number per Keg of 200 Pounds
				C		CC		Length D		Width E				
Inch	Mm.	Inch	Mm.	Inch	Mm.	Inch	Mm.	Inch	Mm.	Inch	Mm.	Inch	Mm.	90.7 Kg.
2½	64	⅝	8	⅝	8	⅝	8	¾	19	⅝	16	⅝	16	2200
2½	64	⅝	10	⅝	10	⅝	10	1	25	⅝	19	⅝	19	1520
3	76	⅝	10	⅝	10	⅝	10	1	25	⅝	19	⅝	19	1340
3½	89	⅝	10	⅝	10	⅝	10	1	25	⅝	19	⅝	19	1170
4	102	⅝	11	⅝	11	⅝	11	1½	29	⅝	24	⅝	22	684
3½	89	⅝	13	⅝	14	⅝	13	1¼	32	⅝	27	⅝	22	620
4	102	⅝	13	⅝	14	⅝	13	1¼	32	⅝	27	1	25	600
4½	114	⅝	13	⅝	14	⅝	13	1¼	32	⅝	27	1	25	536
5	127	⅝	13	⅝	14	⅝	13	1¼	32	⅝	27	1	25	490
#5	127	⅝	14	⅝	16	⅝	16	1⅝	37	⅝	32	1⅝	29	370
#5½	140	⅝	14	⅝	16	⅝	16	1½	38	⅝	32	1⅝	29	330
#6	152	⅝	16	⅝	17	⅝	17	1⅝	40	⅝	33	1¼	32	248

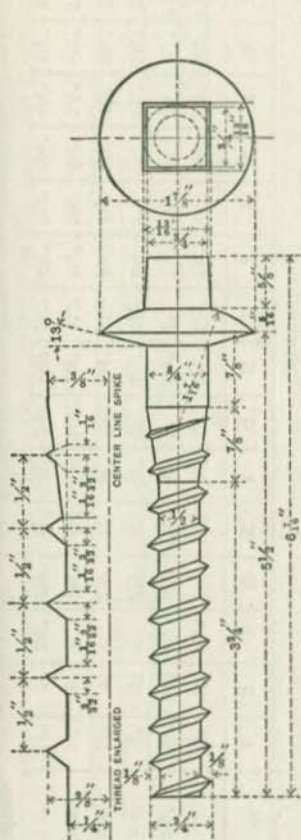
The number of spikes per 200-lb. keg is only approximate due to variations allowed in dimensions by specifications.

#American Railway Engineering Association, 1920 Standards; smaller sizes are slight modification of this design.

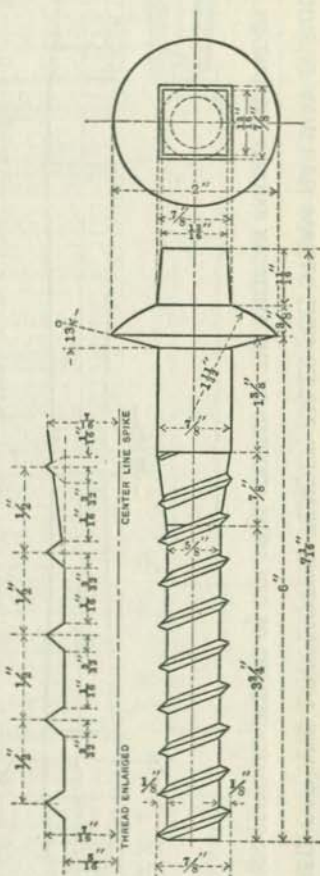
TRACK ACCESSORIES

SCREW SPIKES

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



An Average of 189
Spikes to 150
Pound Keg

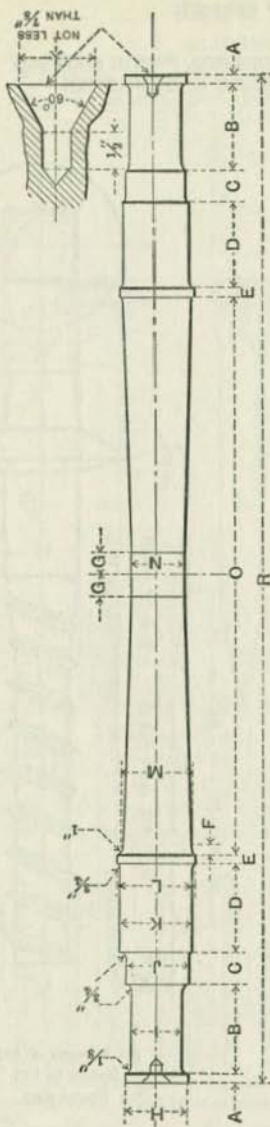


An Average of 128
Spikes to 150
Pound Keg

ILLINOIS STEEL COMPANY

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 1920



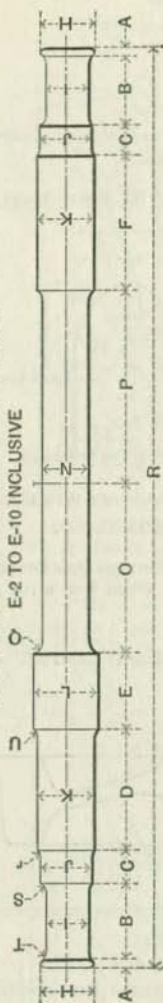
DIMENSIONS

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 1/4"	1 3/4"	3/4"	3"	7 3/4"	6 1/2"	7 3/4"	8 1/2"	8 1/2"	7 1/4"	6 5/8"	3' 6 1/2"	7' 8 1/4"
E	6" x 11"	7/8"	11"	2 1/4"	8 1/4"	1 3/4"	3/4"	3"	7 1/4"	6"	7 1/4"	7 5/8"	8"	7 3/8"	6 1/8"	3' 6 1/2"	7' 6 3/4"
D	5 1/2" x 10"	3/4"	10"	2"	7 1/4"	1 1/2"	1 1/2"	3"	6 3/8"	5 1/2"	6 3/8"	7"	7 5/8"	6 3/4"	5 3/8"	3' 10"	7' 4 1/2"
C	5" x 9"	3/4"	9"	2"	7 1/4"	1 1/2"	1 1/2"	3"	6 1/8"	5"	6 1/8"	6 1/2"	6 3/4"	6 1/2"	5 3/8"	3' 10"	7' 2 1/2"
B	4 1/4" x 8"	5/8"	8"	2"	7 1/4"	1 1/2"	1 1/2"	3"	5 3/4"	4 1/4"	5 1/4"	5 3/4"	6 1/8"	5 1/8"	4 3/4"	3' 10"	7' 0 1/4"
A	3 3/4" x 7"	5/8"	7"	2 1/2"	7 1/4"	1 1/2"	1 1/2"	3"	4 3/4"	3 3/4"	4 3/4"	5 1/8"	5 1/2"	4 5/8"	4 1/4"	3' 10"	6' 11 1/4"

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.

AXLES

FORGED AXLES FOR ELECTRIC RAILWAY MOTORS
 BELOW ARE SHOWN STANDARD DESIGNS OF MOTOR TRUCK AXLES ADOPTED BY THE AMERICAN ELECTRIC RAILWAY
 ENGINEERING ASSOCIATION REVISED 1922.



DIMENSIONS

A. E. R. E. A. Classification of Axle	Size of Journal	Max. Capacity	A	B	C	D	E	F	H	I	J	K	L	N	Q	U	V	S	T	O	P	R
E-10	5 1/2" x 10"	38,000 lbs.	3 1/2"	10"	2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	5 1/2"	6 3/8"	7 1/8"	8"	7"	5 3/8"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	7 1/2"
E-9	5" x 9"	31,000 lbs.	3 1/4"	9"	2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	5"	6 1/8"	6 1/8"	7"	6 1/2"	5 3/8"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	7 1/2"
E-8	5" x 8"	27,000 lbs.	3 1/4"	9"	2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	5"	6 1/8"	6 1/8"	7"	6 1/2"	5 3/8"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	7 1/2"
E-7	4 1/2" x 8"	22,000 lbs.	3 1/4"	8"	2"	7 1/2"	7 1/2"	7 1/2"	7 1/2"	4 1/2"	5 1/2"	5 1/2"	6"	5 1/2"	5 3/8"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	7 1/2"
E-6	4 1/2" x 8"	18,000 lbs.	3 1/4"	8"	2"	7 1/2"	7 1/2"	7 1/2"	7 1/2"	4 1/2"	5 1/2"	5 1/2"	6"	5 1/2"	5 3/8"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	7 1/2"
E-5	3 3/4" x 7"	15,000 lbs.	3 1/4"	7"	2 1/2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	4 1/2"	4 1/2"	4 1/2"	5 1/2"	4 1/2"	4 1/2"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	6 1/2"
E-4	3 3/4" x 7"	15,000 lbs.	3 1/4"	7"	2 1/2"	6 1/2"	6 1/2"	6 1/2"	6 1/2"	4 1/2"	4 1/2"	4 1/2"	5 1/2"	4 1/2"	4 1/2"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	6 1/2"
E-3	3 3/4" x 6"	16,000 lbs.	3 1/4"	6"	2 1/2"	10 1/2"	10 1/2"	11 1/2"	11 1/2"	3 1/2"	3 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	6 1/2"
E-2	3 3/4" x 6"	13,000 lbs.	3 1/4"	6"	2 1/2"	11 1/2"	11 1/2"	11 1/2"	11 1/2"	3 1/2"	3 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	6 1/2"
E-12	3" x 5"	13,000 lbs.	3 1/2"	6"	2 1/2"	11 1/2"	11 1/2"	10 1/2"	10 1/2"	3 1/2"	3 1/2"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	3 1/2"	3 3/8"	3 3/8"	1 3/8"	1 3/8"	2 1/8"	6 1/2"



Capacities based on steel per A. E. R. E. A. Standard Specification for "Annealed Carbon Steel Axles, Shafts and Similar Forgings" (Et 11b).
 Finished dimensions are shown.
 Axles other than those shown above, may be submitted for consideration.

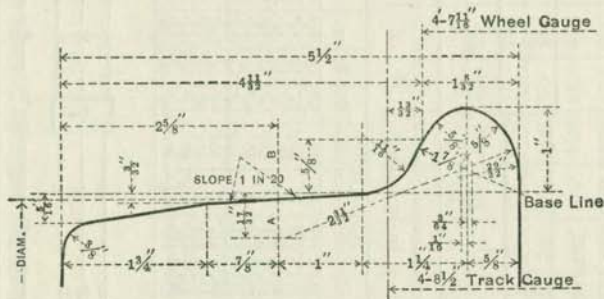
ILLINOIS STEEL COMPANY

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

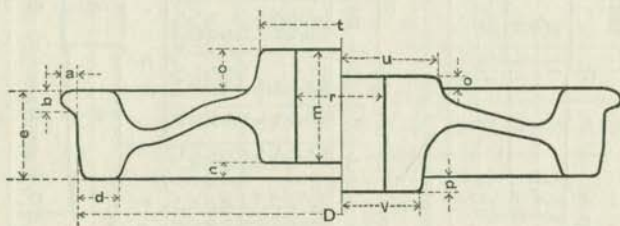
Tread and flange on wheels for these classes of service will be furnished to 1920 Contour of American Railway Association. This Contour is shown below.



TREAD AND FLANGE CONTOUR FOR STEAM RAILWAY WHEELS
AMERICAN RAILWAY ASSOCIATION, STANDARD, 1920

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



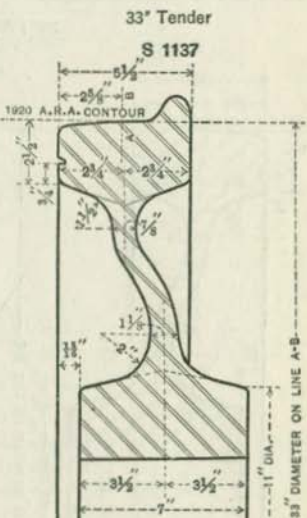
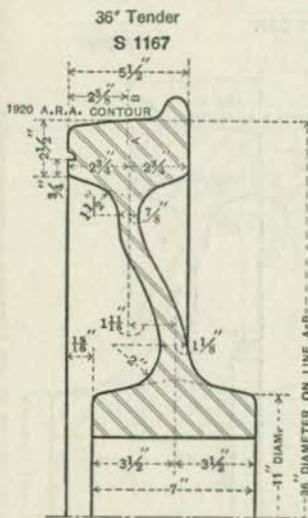
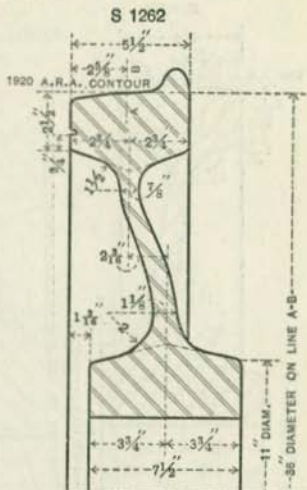
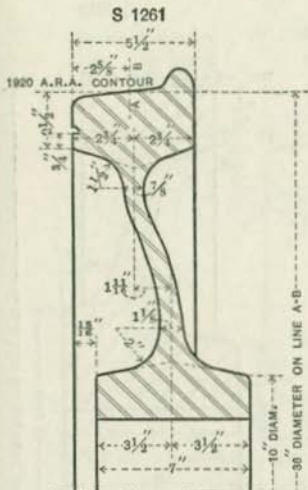
Diameter D, Inches	RIM		HUB						
	Width e, Inches	Thickness d, Inches	DIAMETER			Length	Projection	Depression	Rough Bore
			t, Inches	u, Inches	v, Inches	m, Inches	o, p, Inches	n, Inches	r, Inches

Standard Designs are shown on pages 147, 148 and 149.

WHEELS

WHEELS—FOR STEAM RAILWAY SERVICE—Continued

36" PASSENGER CAR

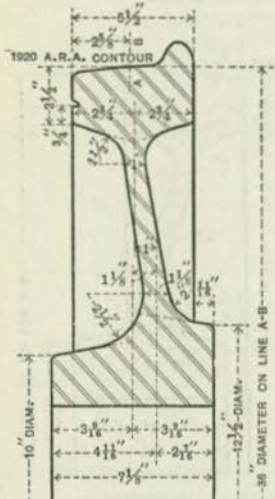


Rough Bore as Specified

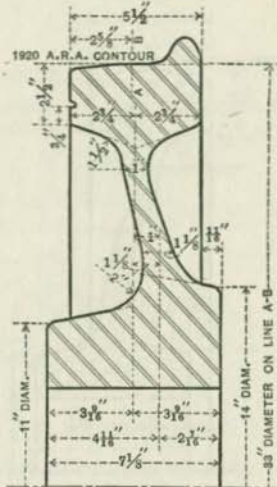
Figures Show Finished Size

WHEELS FOR STEAM RAILWAY SERVICE—Continued

36" ENGINE TRUCK
S 1061

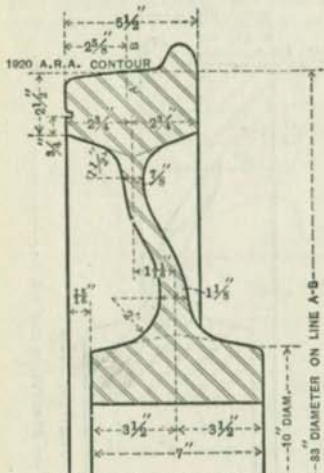


33" ENGINE TRUCK
S 1033

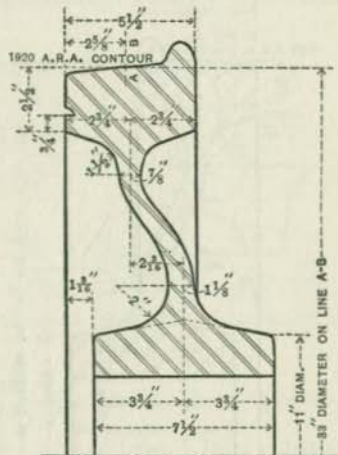


33" FREIGHT CAR

S 1331



S 1332



Rough bore as specified.

Figures show finished size.

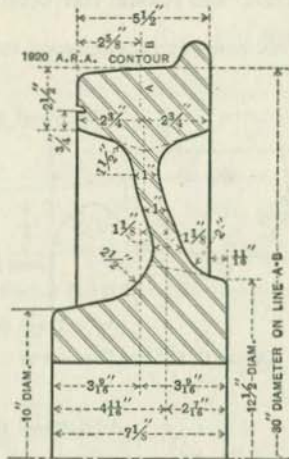
WHEELS

WHEELS FOR STEAM RAILWAY SERVICE—Concluded

ELECTRIFIED

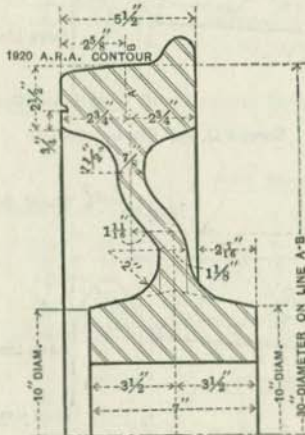
30° ENGINE TRUCK

S 1011



30° MOTOR CAR

S 1782



Rough bore as specified

Figures show finished sizes

ILLINOIS STEEL COMPANY

WHEELS FOR ELECTRIC RAILWAY SERVICE

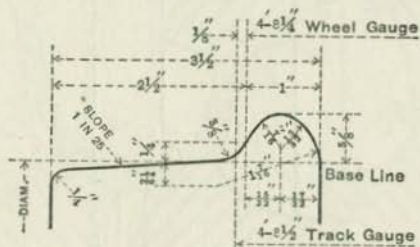
Electric Railway Wheels are classified as follows:

Wheels for City Service

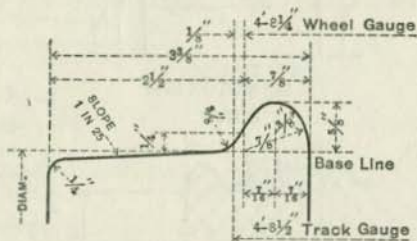
Wheels for Suburban and Interurban Service

TREAD AND FLANGE CONTOURS

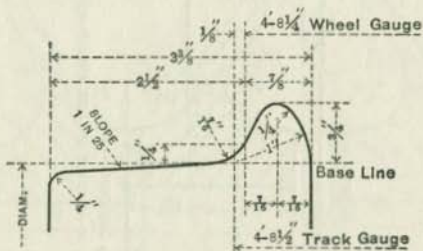
AMERICAN ELECTRIC RAILWAY ENGINEERING ASSOCIATION, 1921



Contour C, 3 1/2" Rim City Service



Contour D, 3 3/8" Rim City Service



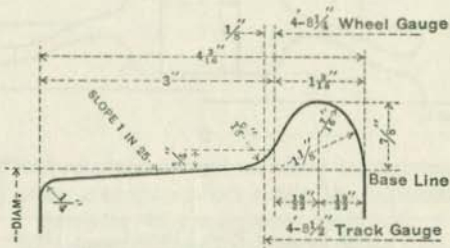
Contour E1, 3 3/8" Rim City Service

WHEELS

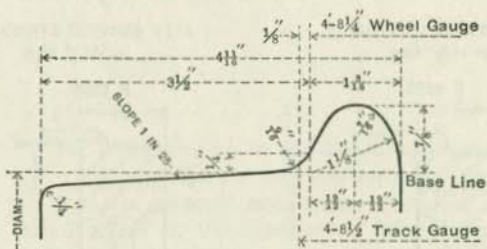
WHEELS FOR ELECTRIC RAILWAY SERVICE—Continued

TREAD AND FLANGE CONTOURS

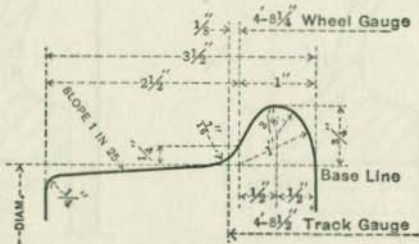
AMERICAN ELECTRIC RAILWAY ENGINEERING ASSOCIATION, 1921



Contour A₁, 4 ³/₁₆" Rim Interurban Service



Contour A₂, 4 ¹¹/₁₆" Rim Interurban Service

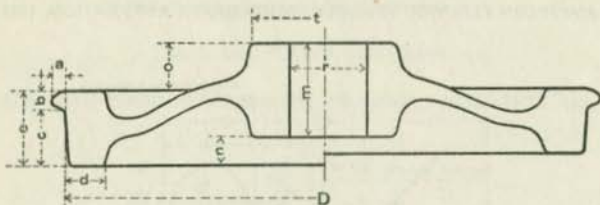


Contour B₁, 3 ¹/₂" Rim City Service

ILLINOIS STEEL COMPANY

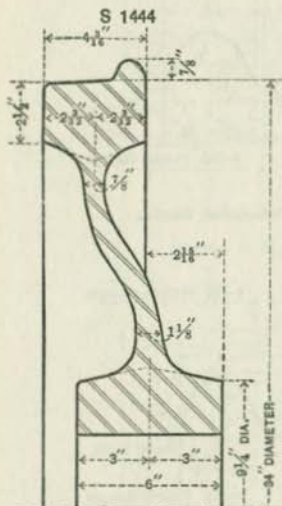
WHEELS FOR ELECTRIC RAILWAY SERVICE—Concluded

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



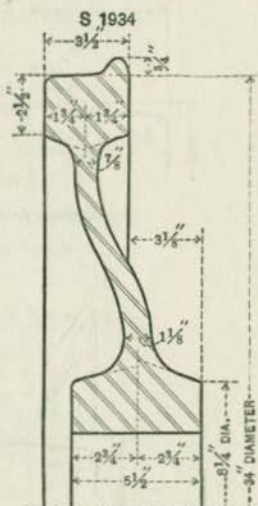
Dia- meter D, Inches	FLANGE		RIM			HUB				
	Height, a, Inches	Thick- ness, b, Inches	Tread Width, c, Inches	Width, e, Inches	Thick- ness, d, Inches	Diam- eter, t, Inches	Length, m, Inches	Projec- tion, o, Inches	Depres- sion, n, Inches	Rough Bore r, Inches

INTERURBAN STANDARD
34"-4 $\frac{1}{8}$ " Rim



Rough bore specified.
Figures show finished sizes.
Back Projection of 1 $\frac{1}{8}$ " can be furnished, if specified.

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



Rough bore as specified.
Figures show finished sizes.
Back Projection of 2 $\frac{1}{8}$ " can be furnished, if specified.
Flange Height of $\frac{5}{8}$ " can be furnished, if specified.

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 3/8 inch to 12 inches

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

ILLINOIS STEEL COMPANY

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

Thickness, H. 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	.1146	.1169	.1193	.1216	.1240	.1262	.1309	.1356	.1403	.1449	.1496	.1543	
23	.0930	.0956	.0983	.1009	.1036	.1063	.1089	.1116	.1142	.1169	.1195	.1222	.1248	.1275	.1301	.1328	.1354	.1381	.1407	.1434	.1461	.1488	.1514	.1541	.1568	.1594	.1621
22	.1041	.1071	.1101	.1131	.1160	.1190	.1220	.1250	.1279	.1309	.1339	.1369	.1398	.1428	.1458	.1488	.1517	.1547	.1577	.1607	.1636	.1666	.1695	.1725	.1754	.1784	.1813
21	.1190	.1224	.1258	.1292	.1326	.1360	.1394	.1428	.1462	.1496	.1530	.1564	.1598	.1632	.1666	.1700	.1734	.1768	.1802	.1836	.1870	.1904	.1937	.1972	.2006	.2040	.2074
20	.1302	.1339	.1376	.1413	.1450	.1488	.1525	.1562	.1599	.1636	.1673	.1711	.1748	.1785	.1822	.1859	.1894	.1931	.1968	.2005	.2042	.2079	.2116	.2153	.2190	.2227	.2264
19	.1562	.1607	.1651	.1696	.1740	.1785	.1830	.1874	.1919	.1964	.2008	.2053	.2097	.2142	.2187	.2231	.2276	.2321	.2366	.2410	.2455	.2500	.2545	.2590	.2635	.2680	.2725
18	.1822	.1874	.1926	.1978	.2030	.2083	.2135	.2187	.2239	.2291	.2343	.2395	.2447	.2499	.2551	.2603	.2655	.2707	.2759	.2811	.2863	.2915	.2967	.3019	.3071	.3123	.3175
17	.2157	.2219	.2280	.2342	.2403	.2465	.2527	.2588	.2650	.2712	.2773	.2835	.2896	.2958	.3019	.3081	.3142	.3203	.3264	.3325	.3386	.3447	.3508	.3569	.3630	.3691	.3752
16	.2417	.2486	.2555	.2624	.2693	.2763	.2832	.2901	.2970	.3039	.3108	.3177	.3246	.3315	.3384	.3453	.3522	.3591	.3660	.3729	.3798	.3867	.3936	.4005	.4074	.4143	.4212
15	.2678	.2754	.2831	.2907	.2984	.3060	.3137	.3213	.3290	.3366	.3443	.3519	.3596	.3672	.3749	.3825	.3902	.3978	.4055	.4131	.4208	.4284	.4361	.4437	.4514	.4591	.4668
14	.3087	.3175	.3263	.3351	.3439	.3528	.3616	.3704	.3792	.3880	.3968	.4057	.4145	.4233	.4321	.4409	.4496	.4584	.4672	.4760	.4848	.4936	.5024	.5112	.5200	.5288	.5376
13	.3533	.3634	.3735	.3836	.3937	.4038	.4138	.4239	.4340	.4441	.4542	.4643	.4744	.4845	.4946	.5047	.5148	.5249	.5349	.5450	.5551	.5652	.5753	.5854	.5955	.6056	.6157
12	.4003	.4169	.4285	.4401	.4517	.4633	.4748	.4864	.4980	.5096	.5212	.5327	.5443	.5559	.5675	.5791	.5907	.6022	.6138	.6254	.6369	.6485	.6601	.6717	.6833	.6949	.7065
11	.4463	.4590	.4718	.4845	.4973	.5100	.5228	.5355	.5483	.5610	.5738	.5865	.5993	.6120	.6247	.6375	.6502	.6630	.6757	.6885	.7012	.7140	.7268	.7395	.7523	.7650	.7778
10	.4983	.5126	.5268	.5410	.5553	.5695	.5837	.5980	.6122	.6265	.6407	.6549	.6692	.6834	.6976	.7119	.7261	.7404	.7546	.7689	.7831	.7974	.8116	.8259	.8401	.8544	.8686
9	.5504	.5661	.5818	.5976	.6133	.6290	.6447	.6605	.6762	.6919	.7076	.7234	.7391	.7548	.7705	.7863	.8020	.8177	.8334	.8491	.8648	.8806	.8963	.9120	.9277	.9434	.9591
8	.6136	.6311	.6487	.6662	.6837	.7013	.7188	.7363	.7538	.7714	.7889	.8064	.8240	.8415	.8590	.8766	.8941	.9116	.9291	.9467	.9642	.9817	.9992	.10168	.10313	.10458	.10603
7	.6694	.6885	.7076	.7268	.7459	.7650	.7841	.8033	.8224	.8415	.8606	.8798	.8989	.9180	.9371	.9562	.9753	.9944	.10135	.10326	.10517	.10708	.10899	.11090	.11281	.11472	.11663
6	.7549	.7765	.7980	.8196	.8412	.8628	.8843	.9059	.9275	.9490	.9706	.9922	.10137	.10353	.10784	.11216	.11647	.12079	.12510	.12941	.13372	.13804	.14235	.14666	.15097	.15528	.15959
5	.8181	.8415	.8649	.8883	.9117	.9350	.9584	.9818	.10051	.10285	.10519	.10753	.10986	.11220	.11688	.12156	.12624	.13092	.13560	.14028	.14496	.14964	.15432	.15900	.16368	.16836	.17304
4	.8851	.9104	.9356	.9609	.9862	.10115	.10368	.10621	.10874	.11127	.11379	.11632	.11885	.12138	.12644	.13150	.13656	.14161	.14667	.15173	.15678	.16184	.16690	.17196	.17702	.18208	.18714
3	.9632	.9907	.10182	.10457	.10732	.11008	.11283	.11558	.11833	.12108	.12383	.12658	.12934	.13209	.13759	.14309	.14859	.15409	.15959	.16509	.17059	.17609	.18159	.18709	.19259	.19809	.20359
2	.10561	.10863	.11165	.11467	.11768	.12070	.12372	.12674	.12975	.13277	.13579	.13881	.14182	.14484	.15088	.15692	.16296	.16899	.17503	.18107	.18711	.19315	.19919	.20523	.21127	.21731	.22335
1	.11156	.11475	.11794	.12113	.12431	.12750	.13069	.13388	.13706	.14025	.14344	.14663	.14981	.15300	.15938	.16577	.17215	.17854	.18493	.19132	.19771	.20410	.21049	.21688	.22327	.22966	.23605

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE II—Continued

Thickness, H. W. G.	WIDTH, INCHES															
	2 1/8	2 1/4	2 1/2	2 3/4	2 7/8	3	3 1/8	3 1/4	3 3/8	3 1/2	3 5/8	3 3/4	3 7/8	4	4 1/8	4 1/4
24	1.590	1.636	1.683	1.730	1.777	1.823	1.870	1.917	1.964	2.010	2.057	2.104	2.151	2.197	2.244	2.291
23	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
22	2.023	2.083	2.142	2.202	2.261	2.321	2.380	2.440	2.499	2.559	2.618	2.677	2.737	2.797	2.856	2.915
21	2.312	2.380	2.448	2.516	2.584	2.652	2.720	2.788	2.856	2.924	2.992	3.060	3.128	3.196	3.264	3.332
20	2.629	2.603	2.678	2.752	2.826	2.901	2.975	3.049	3.124	3.198	3.273	3.347	3.421	3.496	3.570	3.644
19	3.035	3.124	3.213	3.302	3.392	3.481	3.570	3.659	3.749	3.838	3.927	4.016	4.106	4.195	4.284	4.373
18	3.540	3.644	3.749	3.853	3.957	4.061	4.165	4.269	4.373	4.477	4.582	4.686	4.790	4.894	4.998	5.102
17	4.191	4.314	4.437	4.560	4.684	4.807	4.930	5.053	5.177	5.300	5.423	5.546	5.670	5.793	5.916	6.039
16	4.696	4.834	4.973	5.111	5.249	5.387	5.525	5.663	5.801	5.939	6.078	6.216	6.354	6.492	6.630	6.768
15	5.202	5.355	5.508	5.661	5.814	5.967	6.120	6.273	6.426	6.579	6.732	6.885	7.038	7.191	7.344	7.497
14	5.937	6.173	6.350	6.526	6.702	6.879	7.055	7.231	7.408	7.584	7.761	7.937	8.113	8.290	8.466	8.642
13	6.684	7.066	7.268	7.469	7.671	7.873	8.075	8.277	8.479	8.681	8.883	9.084	9.286	9.488	9.690	9.892
12	7.675	8.107	8.339	8.570	8.802	9.033	9.265	9.497	9.728	9.960	1.0192	1.0423	1.0655	1.0886	1.1118	1.1350
11	8.670	8.925	9.180	9.435	9.690	9.945	1.0200	1.0455	1.0710	1.0965	1.1220	1.1475	1.1730	1.1985	1.2240	1.2495
10	9.682	9.966	1.0251	1.0536	1.0821	1.1105	1.1390	1.1675	1.1960	1.2244	1.2529	1.2814	1.3099	1.3383	1.3668	1.3953
9	1.0693	1.1008	1.1322	1.1637	1.1951	1.2266	1.2580	1.2895	1.3209	1.3524	1.3838	1.4153	1.4467	1.4782	1.5096	1.5411
8	1.1921	1.2272	1.2623	1.2973	1.3324	1.3674	1.4025	1.4376	1.4726	1.5077	1.5428	1.5778	1.6129	1.6479	1.6830	1.7181
7	1.3005	1.3398	1.3791	1.4183	1.4575	1.4967	1.5359	1.5751	1.6143	1.6535	1.6927	1.7319	1.7711	1.8103	1.8495	1.8887
6	1.4667	1.5098	1.5530	1.5961	1.6392	1.6824	1.7255	1.7686	1.8118	1.8549	1.8981	1.9412	1.9843	2.0275	2.0706	2.1137
5	1.5895	1.6363	1.6830	1.7298	1.7765	1.8233	1.8700	1.9168	1.9635	2.0103	2.0570	2.1038	2.1505	2.1973	2.2440	2.2908
4	1.7196	1.7701	1.8207	1.8713	1.9219	1.9724	2.0230	2.0736	2.1242	2.1747	2.2253	2.2759	2.3265	2.3770	2.4276	2.4782
3	1.8713	1.9263	1.9814	2.0364	2.0914	2.1465	2.2015	2.2565	2.3116	2.3666	2.4217	2.4767	2.5317	2.5868	2.6418	2.6968
2	2.0519	2.1232	2.1962	2.2700	2.3437	2.4174	2.4911	2.5647	2.6384	2.7121	2.7858	2.8595	2.9332	3.0069	3.0806	3.1543
1	2.1675	2.2313	2.2952	2.3591	2.4230	2.4869	2.5508	2.6147	2.6786	2.7425	2.8064	2.8703	2.9342	2.9981	3.0620	3.1259

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE II—Continued

Thickness	WIDTH, INCHES																							
	3 1/8	3 5/8	3 7/8	3 11/8	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	4 7/8	4 11/8	4 1/2	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	3.506	3.553	3.647	3.740	3.834	
23	3.028	3.081	3.134	3.188	3.241	3.294	3.347	3.400	3.453	3.506	3.559	3.613	3.666	3.719	3.772	3.825	3.878	3.931	3.984	4.038	4.144	4.250	4.356	4.462
22	3.392	3.451	3.511	3.570	3.630	3.689	3.749	3.808	3.868	3.927	3.987	4.046	4.106	4.165	4.224	4.284	4.344	4.403	4.463	4.522	4.641	4.760	4.879	4.998
21	3.876	3.944	4.012	4.080	4.148	4.216	4.284	4.352	4.420	4.488	4.556	4.624	4.692	4.760	4.828	4.896	4.964	5.032	5.100	5.168	5.304	5.440	5.576	5.712
20	4.239	4.314	4.388	4.463	4.537	4.611	4.686	4.760	4.835	4.909	4.983	5.058	5.132	5.206	5.281	5.355	5.429	5.503	5.578	5.653	5.801	5.950	6.099	6.248
19	5.087	5.177	5.266	5.355	5.444	5.534	5.623	5.712	5.801	5.891	5.980	6.069	6.158	6.248	6.337	6.426	6.515	6.605	6.694	6.783	6.962	7.141	7.320	7.500
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	7.914	8.122	8.330	8.538	8.746
17	7.025	7.149	7.272	7.395	7.518	7.642	7.765	7.888	8.011	8.135	8.258	8.381	8.504	8.628	8.751	8.874	8.997	9.121	9.244	9.367	9.614	9.861	10.107	10.354
16	7.873	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	10.083	10.221	10.359	10.498	10.774	11.050	11.326	11.602
15	8.721	8.874	9.027	9.180	9.333	9.486	9.639	9.792	9.945	10.098	10.251	10.404	10.557	10.710	10.863	11.016	11.169	11.322	11.475	11.628	11.934	12.240	12.546	12.852
14	1.0053	1.0230	1.0406	1.0583	1.0759	1.0935	1.1112	1.1288	1.1464	1.1641	1.1817	1.1994	1.2170	1.2346	1.2523	1.2699	1.2875	1.3052	1.3228	1.3405	1.3757	1.4110	1.4463	1.4816
13	1.1507	1.1709	1.1911	1.2113	1.2314	1.2516	1.2718	1.2920	1.3122	1.3324	1.3526	1.3728	1.3929	1.4131	1.4333	1.4535	1.4737	1.4939	1.5141	1.5343	1.5746	1.6150	1.6554	1.6958
12	1.3203	1.3434	1.3666	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	1.7604	1.8067	1.8530	1.8993	1.9456
11	1.4535	1.4790	1.5045	1.5300	1.5555	1.5810	1.6065	1.6320	1.6575	1.6830	1.7085	1.7340	1.7595	1.7850	1.8105	1.8360	1.8615	1.8870	1.9125	1.9380	1.9880	2.0380	2.0880	2.1380
10	1.6231	1.6516	1.6800	1.7085	1.7370	1.7655	1.7939	1.8224	1.8509	1.8794	1.9078	1.9363	1.9648	1.9933	2.0217	2.0502	2.0787	2.1072	2.1356	2.1641	2.2211	2.2781	2.3351	2.3921
9	1.7927	1.8241	1.8556	1.8870	1.9185	1.9499	1.9814	2.0128	2.0443	2.0757	2.1072	2.1386	2.1701	2.2015	2.2330	2.2644	2.2959	2.3273	2.3588	2.3902	2.4531	2.5160	2.5789	2.6418
8	1.9986	2.0336	2.0687	2.1038	2.1388	2.1739	2.2089	2.2440	2.2791	2.3141	2.3492	2.3843	2.4193	2.4544	2.4894	2.5245	2.5596	2.5946	2.6297	2.6648	2.7349	2.8050	2.8751	2.9452
7	2.1803	2.2185	2.2568	2.2950	2.3333	2.3715	2.4098	2.4480	2.4863	2.5245	2.5628	2.6010	2.6393	2.6775	2.7158	2.7540	2.7923	2.8306	2.8688	2.9070	2.9833	3.0600	3.1366	3.2133
6	2.4588	2.5020	2.5451	2.5883	2.6314	2.6745	2.7177	2.7608	2.8039	2.8470	2.8902	2.9334	2.9765	3.0196	3.0628	3.1059	3.1490	3.1922	3.2353	3.2785	3.3647	3.4510	3.5373	3.6236
5	2.6648	2.7115	2.7583	2.8050	2.8518	2.8985	2.9453	2.9920	3.0388	3.0855	3.1323	3.1790	3.2258	3.2725	3.3193	3.3660	3.4128	3.4596	3.5063	3.5530	3.6465	3.7400	3.8335	3.9270
4	2.8828	2.9334	2.9839	3.0345	3.0851	3.1357	3.1862	3.2368	3.2874	3.3380	3.3885	3.4391	3.4897	3.5403	3.5908	3.6414	3.6920	3.7426	3.7931	3.8437	3.9449	4.0461	4.1472	4.2484
3	3.1371	3.1922	3.2472	3.3023	3.3573	3.4123	3.4674	3.5224	3.5774	3.6325	3.6875	3.7426	3.7976	3.8526	3.9077	3.9627	4.0177	4.0728	4.1278	4.1829	4.2929	4.4030	4.5131	4.6232
2	3.4400	3.5003	3.5607	3.6210	3.6814	3.7417	3.8021	3.8624	3.9228	3.9831	4.0435	4.1038	4.1642	4.2245	4.2849	4.3452	4.4056	4.4659	4.5263	4.5866	4.7073	4.8280	4.9487	5.0694
1	3.6338	3.6975	3.7613	3.8250	3.8888	3.9525	4.0163	4.0800	4.1438	4.2075	4.2713	4.3350	4.3988	4.4625	4.5263	4.5900	4.6538	4.7175	4.7813	4.8450	4.9725	5.1000	5.2275	5.3550

WEIGHTS OF FLAT ROLLED STEEL

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

Thickness, H. W. G.	WIDTH, INCHES																							
	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	6 3/8	6 5/8	6 7/8	7	7 1/4	7 1/2	7 3/4	7 7/8	8								
24	3927	4021	4114	4208	4301	4395	4488	4582	4675	4769	4862	4956	5049	5143	5236	5330	5423	5517	5610	5704	5797	5891	5984	
23	4463	4569	4675	4781	4888	4994	5100	5206	5313	5419	5525	5631	5738	5844	5950	6056	6163	6269	6375	6481	6588	6694	6800	6906
22	4998	5117	5236	5355	5474	5593	5712	5831	5950	6069	6188	6307	6426	6545	6664	6783	6902	7021	7140	7259	7378	7497	7616	7735
21	5712	5848	5984	6120	6256	6392	6528	6664	6800	6936	7072	7208	7344	7480	7616	7752	7888	8024	8160	8296	8432	8568	8704	8840
20	6248	6396	6545	6694	6843	6991	7140	7289	7438	7586	7735	7884	8033	8181	8330	8479	8628	8776	8925	9074	9222	9371	9520	9668
19	7497	7676	7854	8033	8211	8390	8568	8747	8925	9104	9282	9461	9639	9818	9996	10175	10353	10532	10710	10889	11067	11246	11424	11603
18	8747	8955	9163	9371	9580	9788	9996	10204	10413	10621	10829	11037	11246	11454	11662	11870	12079	12287	12495	12703	12912	13120	13328	13536
17	10353	10600	10846	11093	11339	11586	11832	12079	12325	12572	12818	13065	13311	13558	13804	14051	14297	14544	14790	15037	15283	15530	15776	16023
16	11603	11879	12155	12431	12708	12984	13260	13536	13813	14089	14365	14641	14918	15194	15470	15746	16023	16299	16575	16851	17128	17404	17680	17956
15	12852	13158	13464	13770	14076	14382	14688	14994	15300	15606	15912	16218	16524	16830	17136	17442	17748	18054	18360	18666	18972	19278	19584	19890
14	14816	15168	15521	15874	16227	16579	16932	17285	17638	17991	18343	18696	19049	19402	19754	20107	20460	20812	21165	21518	21871	22223	22576	22928
13	16958	17361	17765	18169	18573	18976	19380	19784	20188	20592	20995	21399	21802	22206	22610	23014	23418	23821	24225	24629	25032	25436	25840	26243
12	19457	19920	20383	20846	21310	21773	22236	22699	23163	23626	24089	24552	25015	25478	25941	26404	26867	27330	27793	28256	28719	29182	29645	30108
11	21420	21930	22440	22950	23460	23970	24480	24990	25500	26010	26520	27030	27540	28050	28560	29070	29580	30090	30600	31110	31620	32130	32640	33150
10	23919	24489	25058	25628	26197	26767	27336	27906	28475	29045	29614	30184	30753	31323	31892	32462	33031	33601	34170	34740	35309	35879	36448	37017
9	26418	27047	27676	28305	28934	29563	30192	30821	31450	32079	32708	33337	33966	34595	35224	35853	36482	37111	37740	38369	38998	39627	40256	40885
8	29453	30154	30855	31556	32258	32959	33660	34361	35063	35764	36465	37166	37868	38569	39270	39971	40673	41374	42075	42776	43478	44179	44880	45581
7	32130	32895	33660	34425	35190	35955	36720	37485	38250	39015	39780	40545	41310	42075	42840	43605	44370	45135	45900	46665	47430	48195	48960	49725
6	36236	37098	37961	38824	39687	40549	41412	42275	43138	44000	44863	45726	46589	47452	48315	49177	50040	50902	51765	52628	53491	54353	55216	56079
5	39270	40205	41140	42075	43010	43945	44880	45815	46750	47685	48620	49555	50490	51425	52360	53295	54230	55165	56100	57035	57970	58905	59840	60775
4	42483	43495	44508	45521	46534	47547	48560	49573	50586	51599	52612	53625	54638	55651	56664	57677	58690	59703	60716	61729	62742	63755	64768	65781
3	46232	47332	48433	49534	50635	51735	52836	53937	55038	56139	57239	58340	59441	60541	61642	62743	63844	64944	66045	67146	68247	69348	70449	71550
2	50694	51901	53108	54315	55522	56729	57936	59143	60350	61557	62764	63971	65178	66385	67592	68799	70006	71213	72420	73627	74834	76041	77248	78455
1	53550	54825	56100	57375	58650	59925	61200	62475	63750	65025	66300	67575	68850	70125	71400	72675	73950	75225	76500	77775	79050	80325	81600	82875

ILLINOIS STEEL COMPANY

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

Thickness, R. W. G.	WIDTH, INCHES																			
	8¼	8½	8¾	8⅞	9	9⅛	9¼	9½	9¾	9⅞	10	10¼	10½	10¾	11	11¼	11½	11¾	12	
24	6078	6171	6265	6358	6452	6545	6639	6732	6826	6919	7013	7106	7200	7293	7386	7478	7571	7664	7756	7848
23	6906	7013	7119	7225	7331	7438	7544	7650	7756	7863	7969	8075	8181	8288	8395	8501	8607	8713	8819	8925
22	7735	7854	7973	8092	8211	8330	8449	8568	8687	8806	8925	9044	9163	9282	9401	9520	9639	9758	9877	10000
21	8840	8976	9112	9248	9384	9520	9656	9792	9928	10064	10200	10336	10472	10608	10744	10880	11016	11152	11288	11424
20	9669	9818	9966	10115	10264	10413	10561	10710	10859	11008	11156	11305	11454	11603	11752	11900	12049	12198	12347	12496
19	11603	11781	11960	12138	12317	12496	12674	12853	13031	13210	13388	13566	13745	13923	14102	14280	14459	14637	14816	14994
18	13536	13745	13953	14161	14369	14578	14786	14994	15202	15411	15619	15827	16035	16244	16452	16660	16868	17076	17284	17492
17	16023	16269	16516	16762	17009	17255	17502	17748	17995	18241	18488	18734	18981	19227	19474	19720	19967	20213	20460	20706
16	17956	18233	18509	18785	19061	19338	19614	19890	20166	20443	20719	20995	21271	21548	21824	22100	22376	22652	22928	23204
15	19890	20196	20502	20808	21114	21420	21726	22032	22338	22644	22950	23256	23562	23868	24174	24480	24786	25092	25398	25704
14	22929	23282	23634	23987	24340	24693	25045	25398	25751	26104	26456	26809	27162	27515	27868	28221	28574	28927	29280	29633
13	26244	26648	27051	27455	27859	28263	28666	29070	29474	29878	30281	30685	31089	31493	31897	32301	32705	33109	33513	33917
12	30111	30575	31038	31501	31964	32428	32891	33354	33817	34281	34744	35207	35670	36134	36597	37060	37523	37986	38449	38912
11	33150	33660	34170	34680	35190	35700	36210	36720	37230	37740	38250	38760	39270	39780	40290	40800	41310	41820	42330	42840
10	37018	37587	38157	38726	39296	39865	40435	41004	41574	42143	42713	43282	43852	44421	45000	45579	46158	46737	47316	47895
9	40885	41514	42143	42772	43401	44030	44659	45288	45917	46546	47175	47804	48433	49062	49691	50320	50949	51578	52207	52836
8	45581	46283	46984	47685	48386	49086	49789	50490	51191	51893	52594	53295	53996	54698	55399	56100	56801	57502	58203	58904
7	49725	50490	51255	52020	52785	53550	54315	55080	55845	56610	57375	58140	58905	59670	60435	61200	61965	62730	63495	64260
6	56079	56942	57804	58667	59530	60393	61255	62118	62981	63844	64706	65569	66432	67295	68158	69021	69884	70747	71610	72473
5	60775	61710	62645	63580	64515	65450	66385	67320	68255	69190	70125	71060	71995	72930	73865	74800	75735	76670	77605	78540
4	65748	66759	67771	68782	69794	70805	71817	72828	73840	74851	75863	76874	77885	78897	79908	80920	81931	82942	83953	84964
3	71549	72650	73751	74852	75953	77054	78155	79256	80357	81458	82559	83660	84761	85862	86963	88064	89165	90266	91367	92468
2	78455	79662	80869	82076	83283	84490	85697	86904	88111	89318	90525	91732	92939	94146	95353	96560	97767	98974	100981	102188
1	82875	84150	85425	86700	87975	89250	90525	91800	93075	94350	95625	96900	98175	99450	100725	102000	103275	104550	105825	107100

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 12½ inches to 81 inches

Thickness, H. W. G.	WIDTH, INCHES																						
	12½	12	12½	13	13½	13¾	14	14½	14¾	15	15½	15¾	16	16½	16¾	17	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	8.05	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	9.36	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
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	8.88	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, B. W. G.	WIDTH, INCHES																						
	23½	24	24¼	24½	24¾	25	25¼	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	12.65	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	10.33	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	14.94	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	25.38	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

WEIGHTS OF FLAT ROLLED STEEL

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

Thickness, B. W. G.	WIDTH, INCHES																							
	35½	35	34½	34	33½	33	32½	32	31½	31	30½	30	29½	29	28½	28								
12	13.06	13.16	13.25	13.34	13.43	13.53	13.62	13.71	13.80	13.90	13.99	14.08	14.18	14.27	14.36	14.45	14.55	14.64	14.73	14.82	14.92	15.01	15.10	
11	14.38	14.48	14.59	14.69	14.79	14.89	14.99	15.10	15.20	15.30	15.40	15.50	15.61	15.71	15.81	15.91	16.01	16.12	16.22	16.32	16.42	16.52	16.63	16.73
10	16.06	16.17	16.29	16.40	16.52	16.63	16.74	16.86	16.97	17.09	17.20	17.31	17.43	17.54	17.65	17.77	17.88	18.00	18.11	18.22	18.34	18.45	18.57	18.68
9	17.74	17.86	17.99	18.12	18.24	18.37	18.49	18.62	18.74	18.87	19.00	19.12	19.25	19.37	19.50	19.62	19.75	19.88	20.00	20.13	20.25	20.38	20.51	20.63
8	19.78	19.92	20.06	20.20	20.34	20.48	20.62	20.76	20.90	21.04	21.18	21.32	21.46	21.60	21.74	21.88	22.02	22.16	22.30	22.44	22.58	22.72	22.86	23.00
7	21.57	21.73	21.88	22.03	22.19	22.34	22.49	22.64	22.80	22.95	23.10	23.26	23.41	23.56	23.72	23.87	24.02	24.17	24.33	24.48	24.63	24.79	24.94	25.09
6	24.33	24.50	24.67	24.85	25.02	25.19	25.36	25.54	25.71	25.88	26.06	26.23	26.40	26.57	26.74	26.92	27.09	27.26	27.44	27.61	27.78	27.95	28.13	28.30
5	26.37	26.55	26.74	26.93	27.12	27.30	27.49	27.68	27.86	28.05	28.24	28.42	28.61	28.80	28.99	29.17	29.36	29.55	29.73	29.92	30.11	30.29	30.48	30.67
4	28.52	28.73	28.93	29.13	29.33	29.54	29.74	29.94	30.14	30.35	30.55	30.75	30.95	31.15	31.36	31.56	31.76	31.96	32.17	32.37	32.57	32.77	32.97	33.17
3	31.04	31.26	31.48	31.70	31.92	32.14	32.36	32.58	32.80	33.02	33.24	33.46	33.68	33.90	34.12	34.34	34.56	34.78	35.00	35.22	35.44	35.66	35.88	36.10
2	34.04	34.28	34.52	34.76	35.00	35.24	35.49	35.73	35.97	36.21	36.45	36.69	36.93	37.18	37.42	37.66	37.90	38.14	38.38	38.62	38.87	39.11	39.35	39.59
1	35.96	36.21	36.47	36.72	36.98	37.23	37.49	37.74	38.00	38.25	38.51	38.76	39.02	39.27	39.53	39.78	40.04	40.29	40.55	40.80	41.06	41.31	41.57	41.82
	41	41½	41¾	42	42¼	42½	42¾	43	43¼	43½	43¾	44	44¼	44½	44¾	45	45¼	45½	45¾	46	46¼	46½	46¾	47
12	15.19	15.29	15.38	15.47	15.57	15.66	15.75	15.84	15.94	16.03	16.12	16.21	16.31	16.40	16.49	16.58	16.68	16.77	16.86	16.95	17.05	17.14	17.23	17.33
11	16.73	16.83	16.93	17.03	17.14	17.24	17.34	17.44	17.54	17.65	17.75	17.85	17.95	18.05	18.16	18.26	18.36	18.46	18.56	18.67	18.77	18.87	18.97	19.07
10	18.68	18.79	18.91	19.02	19.14	19.25	19.36	19.48	19.59	19.70	19.82	19.93	20.05	20.16	20.27	20.39	20.50	20.62	20.73	20.84	20.96	21.07	21.19	21.30
9	20.63	20.76	20.88	21.01	21.13	21.26	21.39	21.51	21.64	21.76	21.89	22.02	22.14	22.27	22.39	22.52	22.64	22.77	22.90	23.02	23.15	23.27	23.40	23.53
8	23.00	23.14	23.28	23.42	23.56	23.70	23.84	23.98	24.12	24.26	24.40	24.54	24.68	24.82	24.96	25.10	25.25	25.39	25.53	25.67	25.81	25.95	26.09	26.23
7	25.09	25.25	25.40	25.55	25.70	25.86	26.01	26.16	26.32	26.47	26.62	26.78	26.93	27.08	27.23	27.39	27.54	27.69	27.85	28.00	28.15	28.31	28.46	28.61
6	28.30	28.47	28.64	28.82	28.99	29.16	29.33	29.51	29.68	29.85	30.02	30.20	30.37	30.54	30.71	30.89	31.06	31.23	31.40	31.58	31.75	31.92	32.09	32.26
5	30.67	30.86	31.04	31.23	31.42	31.60	31.79	31.98	32.16	32.35	32.54	32.73	32.91	33.10	33.29	33.47	33.66	33.85	34.03	34.22	34.41	34.60	34.78	34.97
4	33.18	33.38	33.58	33.78	33.99	34.19	34.39	34.59	34.80	35.00	35.20	35.40	35.61	35.81	36.01	36.21	36.41	36.62	36.82	37.02	37.22	37.43	37.63	37.83
3	36.10	36.32	36.54	36.77	36.99	37.21	37.43	37.65	37.87	38.09	38.31	38.53	38.75	38.97	39.19	39.41	39.63	39.85	40.07	40.29	40.51	40.73	40.95	41.17
2	39.59	39.83	40.07	40.31	40.56	40.80	41.04	41.28	41.52	41.76	42.00	42.25	42.49	42.73	42.97	43.21	43.45	43.69	43.93	44.18	44.42	44.66	44.90	45.14
1	41.82	42.08	42.33	42.59	42.84	43.10	43.35	43.61	43.86	44.12	44.37	44.63	44.88	45.14	45.39	45.65	45.90	46.16	46.41	46.67	46.92	47.18	47.43	47.68

ILLINOIS STEEL COMPANY

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

Thickness, B. W. G.	WIDTH, INCHES																						
	46½	47	47½	47¾	48	43¾	48¾	48¾	49	49¾	49¾	49¾	50	50½	50½	50½	51	51½	51½	51½	52	52½	
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	30.15	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
12	52½	52¾	53	53½	53¾	54	54½	54¾	55	55¼	55½	55¾	56	56½	56¾	57	57¼	57½	57¾	58	58¼	58½	58¾
11	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
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	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	46.33	46.53	46.73	46.93
2	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
1	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
	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, H. W. G.	WIDTH, INCHES																			
	58½	58	57½	57	56½	56	55½	55	54½	54	53½	53	52½	52	51½	51	50½	50	49½	49
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
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
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
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
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
7	35.65	35.80	35.96	36.11	36.25	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
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
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
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
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
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
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	64½	64¾	65	65½	65¾	66	66½	66¾	67	67½	67¾	68	68½	68¾	69	69½	69¾	70	70½
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
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
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
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
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
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
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
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
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
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
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
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

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE III—Continued

Thickness,
H. W. G.

WIDTH, INCHES

	70	70½	71	71½	71¾	72	72½	72¾	73	73½	73¾	74	74½	74¾	75	75½								
12	25.85	26.03	26.22	26.41	26.59	26.68	26.78	26.87	27.05	27.15	27.24	27.33	27.42	27.52	27.61	27.70	27.80	27.89						
11	28.46	28.56	28.76	28.87	28.97	29.07	29.17	29.28	29.78	29.89	29.99	30.09	30.19	30.29	30.40	30.50	30.60	30.70						
10	31.78	31.89	32.01	32.23	32.35	32.46	32.58	32.69	33.26	33.37	33.49	33.60	33.71	33.83	33.94	34.06	34.17	34.28						
9	35.10	35.22	35.35	35.60	35.73	35.85	36.10	36.23	36.73	36.86	36.99	37.11	37.24	37.36	37.49	37.61	37.74	37.87						
8	39.13	39.27	39.41	39.55	39.69	39.83	39.97	40.11	40.25	40.39	40.53	40.67	40.81	40.95	41.09	41.23	41.37	41.51	41.65	41.79	41.93	42.08	42.22	
7	42.69	42.84	42.99	43.15	43.30	43.45	43.76	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	46.35
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
	75½	75¾	76	76½	76¾	77	77½	77¾	78	78½	78¾	79	79½	79¾	80	80½	80¾	81						
12	27.98	28.07	28.17	28.26	28.35	28.44	28.54	28.63	28.81	28.91	29.00	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	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	57.23	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 2½ inches. Widths from $\frac{1}{8}$ inch to 160 inches

Thickness, Inches	WIDTH, INCHES															
	$\frac{1}{32}$	$\frac{1}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{5}{32}$	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$1\frac{1}{16}$	$1\frac{1}{8}$	$1\frac{1}{4}$
$\frac{1}{32}$	.0388	.0432	.0465	.0498	.0531	.0564	.0598	.0631	.0664	.0697	.0730	.0764	.0797	.0830	.0863	.0896
$\frac{1}{16}$	.0797	.0863	.0930	.0996	.1063	.1129	.1195	.1262	.1328	.1395	.1461	.1527	.1594	.1660	.1727	.1793
$\frac{3}{32}$	.1195	.1295	.1395	.1494	.1594	.1693	.1793	.1893	.1992	.2092	.2191	.2291	.2391	.2490	.2590	.2689
$\frac{1}{8}$	.1594	.1727	.1859	.1992	.2125	.2258	.2391	.2523	.2656	.2789	.2922	.3055	.3188	.3320	.3453	.3586
$\frac{5}{32}$	.1992	.2158	.2324	.2490	.2656	.2822	.2988	.3154	.3320	.3486	.3652	.3818	.3984	.4150	.4316	.4482
$\frac{3}{16}$	.2391	.2590	.2789	.2988	.3188	.3387	.3586	.3785	.3984	.4184	.4383	.4582	.4781	.4980	.5179	.5377
$\frac{1}{4}$	.2789	.3121	.3254	.3486	.3719	.3951	.4184	.4416	.4648	.4881	.5113	.5346	.5578	.5811	.6043	.6275
$\frac{5}{16}$	.3188	.3453	.3719	.3984	.4250	.4516	.4781	.5047	.5313	.5578	.5844	.6109	.6375	.6641	.6906	.7172
$\frac{3}{8}$	.3984	.4316	.4648	.4977	.5305	.5633	.5961	.6289	.6617	.6945	.7273	.7601	.7929	.8257	.8585	.8913
$\frac{7}{16}$	.4781	.5180	.5578	.5977	.6375	.6773	.7172	.7570	.7969	.8367	.8766	.9164	.9563	.9961	1.0359	1.0758
$\frac{1}{2}$	.5578	.6043	.6508	.6973	.7438	.7902	.8367	.8832	.9297	.9762	1.0227	1.0691	1.1156	1.1621	1.2086	1.2551
$\frac{5}{8}$	.6375	.6906	.7438	.7969	.8500	.9031	.9563	1.0094	1.0625	1.1156	1.1688	1.2219	1.2750	1.3281	1.3813	1.4344
$\frac{3}{4}$	.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	1.6137
$1\frac{1}{8}$	.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	1.7930
$1\frac{1}{4}$	.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	1.9723
$1\frac{3}{8}$	.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	2.1516
$1\frac{1}{2}$	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
$1\frac{3}{4}$	1.1156	1.2086	1.3016	1.3945	1.4875	1.5805	1.6734	1.7664	1.8594	1.9523	2.0453	2.1383	2.2313	2.3242	2.4172	2.5102
$1\frac{7}{8}$	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	2.6894
$1\frac{9}{8}$	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
1	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
$1\frac{1}{8}$	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
$1\frac{1}{4}$	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
$1\frac{3}{4}$	1.9125	2.0719	2.2313	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
$1\frac{7}{8}$	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
$1\frac{9}{8}$	2.2313	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
$1\frac{7}{8}$	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
2	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
$2\frac{1}{8}$	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
$2\frac{1}{4}$	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

ILLINOIS STEEL COMPANY

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

Thickness, Inches	WIDTH, INCHES																			
	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½	1½
1/16	1.162	1.195	1.229	1.262	1.295	1.328	1.361	1.393	1.426	1.459	1.492	1.525	1.558	1.591	1.624	1.657	1.690	1.723	1.756	1.789
1/8	2.324	2.391	2.457	2.523	2.590	2.656	2.723	2.789	2.856	2.922	2.989	3.055	3.121	3.188	3.254	3.321	3.387	3.454	3.520	3.587
3/16	3.486	3.596	3.696	3.795	3.895	3.994	4.094	4.188	4.288	4.388	4.488	4.588	4.688	4.788	4.888	4.988	5.088	5.188	5.288	5.388
1/4	4.648	4.781	4.914	5.047	5.180	5.313	5.446	5.580	5.713	5.846	5.979	6.112	6.245	6.378	6.511	6.644	6.777	6.910	7.043	7.176
5/16	5.811	5.977	6.143	6.309	6.475	6.641	6.807	6.973	7.139	7.305	7.471	7.637	7.803	7.969	8.135	8.301	8.467	8.633	8.799	8.965
3/8	6.974	7.172	7.371	7.570	7.769	7.968	8.167	8.366	8.565	8.764	8.963	9.162	9.361	9.560	9.759	9.958	10.157	10.356	10.555	10.754
1/2	8.135	8.367	8.600	8.832	9.064	9.297	9.529	9.762	9.995	10.228	10.461	10.694	10.927	11.160	11.393	11.626	11.859	12.092	12.325	12.558
5/8	9.297	9.563	9.828	10.094	10.359	10.625	10.891	11.156	11.422	11.687	11.953	12.218	12.484	12.749	13.014	13.279	13.544	13.809	14.074	14.339
3/4	11.621	11.953	12.285	12.617	12.949	13.281	13.613	13.945	14.277	14.609	14.941	15.273	15.605	15.937	16.269	16.601	16.933	17.265	17.597	17.929
7/8	13.945	14.344	14.742	15.141	15.539	15.938	16.336	16.735	17.133	17.532	17.930	18.329	18.727	19.125	19.524	19.922	20.320	20.719	21.117	21.515
1	16.270	16.734	17.199	17.664	18.129	18.594	19.059	19.524	19.989	20.454	20.919	21.384	21.849	22.314	22.779	23.244	23.709	24.174	24.639	25.104
1 1/8	18.594	19.125	19.656	20.188	20.719	21.250	21.781	22.312	22.843	23.374	23.905	24.436	24.967	25.498	26.029	26.560	27.091	27.622	28.153	28.684
1 1/4	20.918	21.516	22.113	22.711	23.309	23.906	24.504	25.102	25.699	26.297	26.895	27.493	28.091	28.689	29.287	29.885	30.483	31.081	31.679	32.277
1 1/2	23.242	23.906	24.570	25.234	25.898	26.562	27.226	27.890	28.554	29.218	29.882	30.546	31.210	31.874	32.538	33.202	33.866	34.530	35.194	35.858
1 3/4	25.566	26.297	27.027	27.758	28.488	29.219	29.949	30.680	31.411	32.142	32.873	33.604	34.335	35.066	35.797	36.528	37.259	37.990	38.721	39.452
1 7/8	27.891	28.688	29.484	30.281	31.078	31.875	32.672	33.469	34.266	35.063	35.860	36.657	37.454	38.251	39.048	39.845	40.642	41.439	42.236	43.033
2	30.215	31.078	31.941	32.805	33.668	34.531	35.395	36.258	37.121	37.984	38.847	39.710	40.573	41.436	42.299	43.162	44.025	44.888	45.751	46.614
2 1/8	32.539	33.469	34.398	35.328	36.258	37.188	38.117	39.047	39.976	40.906	41.835	42.765	43.694	44.624	45.553	46.483	47.413	48.342	49.272	50.201
2 1/4	34.863	35.859	36.855	37.852	38.848	39.844	40.840	41.836	42.832	43.828	44.824	45.820	46.816	47.812	48.808	49.804	50.800	51.796	52.792	53.788
2 1/2	37.188	38.250	39.313	40.375	41.438	42.500	43.563	44.625	45.688	46.750	47.813	48.875	49.938	51.000	52.063	53.125	54.188	55.250	56.313	57.375
2 3/4	39.512	40.643	41.774	42.905	44.036	45.167	46.298	47.429	48.560	49.691	50.822	51.953	53.084	54.215	55.346	56.477	57.608	58.739	59.870	61.001
3	41.836	43.031	44.227	45.422	46.617	47.813	49.008	50.203	51.398	52.593	53.788	54.983	56.178	57.373	58.568	59.763	60.958	62.153	63.348	64.543
3 1/8	44.160	45.415	46.670	47.925	49.180	50.435	51.690	52.945	54.200	55.455	56.710	57.965	59.220	60.475	61.730	62.985	64.240	65.495	66.750	68.005
3 1/4	46.484	47.813	49.142	50.471	51.800	53.129	54.458	55.787	57.116	58.445	59.774	61.103	62.432	63.761	65.090	66.419	67.748	69.077	70.406	71.735
3 1/2	48.808	50.201	51.594	53.087	54.580	56.073	57.566	59.059	60.552	62.045	63.538	65.031	66.524	68.017	69.510	71.003	72.496	73.989	75.482	76.975
3 3/4	51.132	52.675	54.218	55.761	57.304	58.847	60.390	61.933	63.476	65.019	66.562	68.105	69.648	71.191	72.734	74.277	75.820	77.363	78.906	80.449
4	53.456	55.059	56.662	58.265	59.868	61.471	63.074	64.677	66.280	67.883	69.486	71.089	72.692	74.295	75.898	77.501	79.104	80.707	82.310	83.913
4 1/8	55.780	57.433	59.086	60.739	62.392	64.045	65.698	67.351	69.004	70.657	72.310	73.963	75.616	77.269	78.922	80.575	82.228	83.881	85.534	87.187
4 1/4	58.104	60.817	62.530	64.243	65.956	67.669	69.382	71.095	72.808	74.521	76.234	77.947	79.660	81.373	83.086	84.799	86.512	88.225	89.938	91.651
4 1/2	60.428	63.191	64.954	66.717	68.480	70.243	72.006	73.769	75.532	77.295	79.058	80.821	82.584	84.347	86.110	87.873	89.636	91.399	93.162	94.925
4 3/4	62.752	65.575	67.398	69.221	71.044	72.867	74.690	76.513	78.336	80.159	81.982	83.805	85.628	87.451	89.274	91.097	92.920	94.743	96.566	98.389
5	65.076	67.959	69.842	71.725	73.608	75.491	77.374	79.257	81.140	83.023	84.906	86.789	88.672	90.555	92.438	94.321	96.204	98.087	99.970	101.853
5 1/8	67.400	70.343	72.286	74.229	76.172	78.115	80.058	81.991	83.934	85.877	87.820	89.763	91.706	93.649	95.592	97.535	99.478	101.421	103.364	105.307
5 1/4	69.724	72.727	74.730	76.733	78.736	80.739	82.742	84.745	86.748	88.751	90.754	92.757	94.760	96.763	98.766	100.769	102.772	104.775	106.778	108.781
5 1/2	72.048	75.111	77.174	79.237	81.300	83.363	85.426	87.489	89.552	91.615	93.678	95.741	97.804	99.867	101.930	103.993	106.056	108.119	110.182	112.245
5 3/4	74.372	77.495	79.618	81.741	83.864	85.987	88.110	90.233	92.356	94.479	96.602	98.725	100.848	102.971	105.094	107.217	109.340	111.463	113.586	115.709
6	76.696	79.879	82.062	84.245	86.428	88.611	90.794	92.977	95.160	97.343	99.526	101.709	103.892	106.075	108.258	110.441	112.624	114.807	116.990	119.173
6 1/8	79.020	82.263	84.506	86.749	88.992	91.235	93.478	95.721	97.964	100.207	102.450	104.693	106.936	109.179	111.422	113.665	115.908	118.151	120.394	122.637
6 1/4	81.344	84.647	86.950	89.253	91.556	93.859	96.162	98.465	100.768	103.071	105.374	107.677	109.980	112.283	114.586	116.889	119.192	121.495	123.798	126.101
6 1/2	83.668	87.031	89.394	91.757	94.120	96.483	98.846	101.209	103.572	105.935	108.298	110.661	113.024	115.387	117.750	120.113	122.476	124.839	127.202	129.565
6 3/4	85.992	89.415	91.838	94.261	96.684	99.107	101.530	103.953	106.376	108.799	111.222	113.645	116.068	118.491	120.914	123.337	125.760	128.183	130.606	133.029
7	88.316	91.839	94.362	96.885	99.408	101.931	104.454	106.977	109.500	112.023	114.546	117.069	119.592	122.115	124.638	127.161	129.684	132.207	134.730	137.253
7 1/8	90.640	94.263	96.886	99.509	102.132	104.755	107.378	110.001	112.624	115.247	117.870	120.493	123.116	125.739	128.362	130.985	133.608	136.231	138.854	141.477
7 1/4	92.964	96.647	99.330	102.013	104.696	107.379	110.062	112.745	115.428	118.111	120.794	123.477	126.160	128.843	131.526	134.209	136.892	139.575	142.258	144.941
7 1/2	95.288	99.031	101.774	104.517	107.260	110.003	112.746	115.489	118.232	120.975	123.718	126.461	129.204	131.947	134.690	137.433	140.176	142.919	145.662	148.405
7 3/4	97.612	101.415	104.218	107.021	109.824	112.627	115.430	118.233	121.036	123.839	126.642	129.445	132.248	135.051	137.854	140.657	143.460	146.263	149.066	151.869
8	100.000	103.863	106.726	109.589	112.452	115.315	118.178	121.041	123.904	126.767	129.630	132.493	135.356	138.219	141.082	143.945	146.808	149.671	152.534	155.397

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness Inches	WIDTH, INCHES																						
	2 1/8	2 1/4	2 3/8	2 1/2	2 5/8	2 3/4	2 7/8	3	3 1/8	3 1/4	3 3/8	3 1/2	3 5/8	3 3/4	3 7/8	4							
1/8	.226	.232	.239	.246	.252	.259	.266	.272	.279	.286	.292	.299	.305	.312	.319	.325	.332	.339	.345	.352	.359	.365	.372
3/16	.452	.465	.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	.996	1.016	1.036	1.056	1.076	1.096	1.116
5/16	.903	.930	.956	.983	1.009	1.036	1.063	1.089	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	1.627	1.660	1.693	1.727	1.760	1.793	1.826	1.859
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	2.191	2.231
1/2	1.580	1.627	1.673	1.720	1.766	1.813	1.859	1.906	1.952	1.999	2.045	2.092	2.138	2.185	2.232	2.278	2.324	2.371	2.417	2.464	2.510	2.557	2.603
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	2.975
3/4	2.258	2.324	2.391	2.457	2.523	2.590	2.656	2.723	2.789	2.855	2.922	2.988	3.055	3.121	3.188	3.254	3.320	3.387	3.453	3.520	3.586	3.652	3.719
7/8	2.709	2.789	2.869	2.948	3.028	3.108	3.188	3.267	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
1 1/8	3.161	3.254	3.347	3.440	3.533	3.626	3.719	3.812	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
1 1/4	3.613	3.719	3.825	3.931	4.038	4.144	4.250	4.356	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
1 3/8	4.064	4.184	4.303	4.423	4.542	4.662	4.781	4.901	5.020	5.140	5.259	5.379	5.498	5.618	5.738	5.857	5.977	6.096	6.216	6.335	6.455	6.574	6.694
1 1/2	4.516	4.648	4.781	4.914	5.047	5.180	5.313	5.445	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
1 5/8	4.967	5.113	5.259	5.405	5.552	5.698	5.844	5.990	6.136	6.282	6.428	6.574	6.720	6.866	7.013	7.159	7.305	7.451	7.597	7.743	7.889	8.035	8.181
1 7/8	5.419	5.578	5.738	5.897	6.056	6.216	6.375	6.534	6.694	6.853	7.013	7.172	7.331	7.491	7.650	7.809	7.969	8.128	8.288	8.447	8.606	8.766	8.925
2	5.870	6.043	6.216	6.388	6.561	6.734	6.906	7.079	7.252	7.424	7.597	7.770	7.942	8.115	8.288	8.460	8.633	8.805	8.978	9.151	9.323	9.496	9.669
2 1/8	6.322	6.508	6.694	6.880	7.066	7.252	7.438	7.623	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
2 3/8	6.773	6.973	7.172	7.371	7.570	7.770	7.969	8.168	8.367	8.566	8.765	8.965	9.164	9.363	9.563	9.762	9.961	10.160	10.359	10.559	10.758	10.957	11.156
2 1/2	7.225	7.438	7.650	7.863	8.076	8.288	8.500	8.713	8.925	9.138	9.350	9.563	9.775	9.988	10.200	10.413	10.625	10.838	11.050	11.263	11.475	11.688	11.900
2 7/8	8.128	8.367	8.606	8.845	9.084	9.323	9.563	9.802	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
3	13.547	13.945	14.344	14.742	15.141	15.539	15.938	16.336	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
3 1/8	9.384	10.227	10.519	10.711	10.903	11.095	11.287	11.479	11.671	11.863	12.055	12.247	12.439	12.631	12.823	13.015	13.207	13.400	13.592	13.784	13.976	14.168	14.360
3 1/4	10.838	11.156	11.475	11.794	12.113	12.431	12.750	13.069	13.388	13.706	14.025	14.344	14.663	14.981	15.300	15.619	15.938	16.256	16.575	16.894	17.213	17.531	17.850
3 3/8	11.741	12.086	12.431	12.777	13.122	13.467	13.813	14.158	14.503	14.848	15.194	15.539	15.884	16.229	16.575	16.920	17.266	17.611	17.956	18.302	18.647	18.992	19.338
3 1/2	12.644	13.016	13.388	13.759	14.131	14.503	14.875	15.247	15.619	15.991	16.363	16.734	17.106	17.478	17.850	18.222	18.594	18.966	19.338	19.709	20.081	20.453	20.825
3 3/4	13.547	13.945	14.344	14.742	15.141	15.539	15.938	16.336	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
4	14.450	14.875	15.300	15.725	16.150	16.575	17.000	17.425	17.850	18.275	18.700	19.125	19.550	19.975	20.400	20.825	21.250	21.675	22.100	22.525	22.950	23.375	23.800
4 1/8	15.353	15.805	16.256	16.708	17.159	17.611	18.063	18.514	18.966	19.417	19.869	20.320	20.772	21.223	21.675	22.127	22.578	23.030	23.481	23.933	24.384	24.836	25.288
4 1/4	16.256	16.734	17.213	17.691	18.169	18.647	19.125	19.603	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

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	3 1/8	3 3/8	3 1/2	3 5/8	4	4 1/8	4 3/8	4 1/2	4 5/8	4 3/4	5	5 1/8	5 3/8	5 1/2	5 5/8	5 3/4	6	6 1/8	6 3/8	6 1/2	6 5/8	6 3/4	7	
1/8	379	385	392	398	405	412	418	425	432	438	445	452	458	465	471	478	485	491	498	505	518	531	545	
1/4	757	770	784	797	810	823	837	850	863	877	890	903	916	930	943	956	970	983	996	1,009	1,036	1,063	1,089	
3/8	1,136	1,155	1,175	1,195	1,215	1,235	1,255	1,275	1,295	1,315	1,335	1,355	1,375	1,395	1,414	1,434	1,454	1,474	1,494	1,514	1,554	1,594	1,634	
1/2	1,514	1,541	1,567	1,594	1,620	1,647	1,673	1,700	1,727	1,753	1,780	1,806	1,833	1,859	1,886	1,913	1,939	1,966	1,992	2,019	2,072	2,125	2,178	
5/8	1,893	1,926	1,959	1,992	2,025	2,059	2,092	2,125	2,158	2,191	2,225	2,258	2,291	2,324	2,357	2,391	2,424	2,457	2,490	2,523	2,590	2,656	2,723	
3/4	2,271	2,311	2,351	2,391	2,430	2,470	2,510	2,550	2,590	2,630	2,670	2,709	2,749	2,789	2,829	2,869	2,909	2,948	2,988	3,028	3,108	3,188	3,267	
7/8	2,650	2,696	2,743	2,789	2,836	2,882	2,929	2,975	3,021	3,068	3,114	3,161	3,207	3,254	3,300	3,347	3,393	3,440	3,486	3,533	3,626	3,719	3,812	
1	3,028	3,081	3,134	3,188	3,241	3,294	3,347	3,400	3,453	3,506	3,559	3,613	3,666	3,719	3,772	3,825	3,878	3,931	3,984	4,038	4,141	4,250	4,356	
1 1/8	3,795	3,852	3,918	3,984	4,051	4,117	4,184	4,250	4,316	4,383	4,449	4,516	4,582	4,648	4,715	4,781	4,848	4,914	4,980	5,047	5,180	5,313	5,445	
1 1/4	4,542	4,622	4,702	4,781	4,861	4,941	5,020	5,100	5,180	5,259	5,339	5,419	5,498	5,578	5,658	5,738	5,817	5,897	5,977	6,056	6,216	6,375	6,534	
1 1/2	5,299	5,392	5,485	5,578	5,671	5,764	5,857	5,950	6,043	6,136	6,229	6,322	6,415	6,508	6,601	6,694	6,787	6,880	6,973	7,066	7,252	7,438	7,623	
1 3/4	6,056	6,163	6,269	6,375	6,481	6,588	6,694	6,800	6,906	7,013	7,119	7,225	7,331	7,438	7,544	7,650	7,756	7,863	7,969	8,075	8,288	8,500	8,713	
1 7/8	6,813	6,933	7,052	7,172	7,291	7,411	7,531	7,650	7,770	7,889	8,009	8,128	8,248	8,367	8,487	8,606	8,726	8,845	8,965	9,084	9,323	9,563	9,802	
2	7,570	7,703	7,836	7,969	8,102	8,234	8,367	8,500	8,633	8,766	8,898	9,031	9,164	9,297	9,430	9,563	9,696	9,828	9,961	10,094	10,359	10,625	10,891	
2 1/8	8,327	8,473	8,620	8,766	8,912	9,058	9,204	9,350	9,496	9,642	9,788	9,934	10,080	10,227	10,373	10,519	10,665	10,811	10,957	11,103	11,395	11,688	11,980	
2 1/4	9,084	9,244	9,403	9,563	9,722	9,881	10,041	10,200	10,359	10,519	10,678	10,838	10,997	11,156	11,316	11,475	11,634	11,794	11,953	12,113	12,431	12,750	13,069	
2 3/4	9,841	10,014	10,187	10,359	10,532	10,705	10,877	11,050	11,223	11,396	11,568	11,741	11,913	12,086	12,259	12,432	12,604	12,777	12,949	13,122	13,467	13,813	14,158	
3	10,598	10,784	10,970	11,156	11,342	11,528	11,714	11,900	12,086	12,272	12,458	12,644	12,830	13,016	13,202	13,388	13,573	13,759	13,945	14,131	14,503	14,875	15,247	
3 1/8	11,355	11,555	11,754	11,953	12,152	12,352	12,551	12,750	12,949	13,148	13,348	13,547	13,746	13,945	14,145	14,344	14,543	14,742	14,941	15,141	15,539	15,938	16,336	
3 1/4	12,113	12,325	12,538	12,750	12,963	13,175	13,388	13,600	13,813	14,025	14,238	14,451	14,663	14,875	15,088	15,300	15,513	15,725	15,938	16,150	16,575	17,000	17,425	
3 3/4	13,627	13,866	14,105	14,344	14,583	14,822	15,061	15,300	15,539	15,778	16,017	16,256	16,495	16,734	16,973	17,213	17,452	17,691	17,930	18,169	18,647	19,125	19,603	
4	15,141	15,406	15,672	15,938	16,203	16,469	16,734	17,000	17,266	17,531	17,797	18,063	18,328	18,594	18,859	19,125	19,391	19,656	19,922	20,188	20,719	21,250	21,781	
4 1/8	16,655	16,947	17,239	17,531	17,823	18,115	18,408	18,700	18,992	19,284	19,577	19,869	20,161	20,453	20,745	21,038	21,330	21,622	21,914	22,206	22,737	23,270	23,969	
4 1/4	18,169	18,488	18,806	19,125	19,444	19,763	20,081	20,400	20,719	21,038	21,356	21,675	21,994	22,312	22,631	22,950	23,269	23,588	23,906	24,225	24,863	25,500	26,138	
4 3/4	19,683	20,028	20,373	20,719	21,064	21,409	21,755	22,100	22,445	22,791	23,136	23,481	23,827	24,172	24,517	24,863	25,208	25,554	25,898	26,244	26,934	27,625	28,316	
5	21,197	21,569	21,941	22,313	22,684	23,056	23,428	23,800	24,172	24,544	24,916	25,288	25,659	26,031	26,403	26,775	27,147	27,519	27,891	28,263	29,006	29,750	30,494	
5 1/8	22,711	23,109	23,508	23,906	24,305	24,703	25,102	25,500	25,898	26,297	26,695	27,094	27,492	27,891	28,289	28,688	29,086	29,484	29,883	30,281	31,078	31,875	32,672	
5 1/4	24,225	24,650	25,075	25,500	25,925	26,350	26,775	27,200	27,625	28,050	28,475	28,900	29,325	29,750	30,175	30,600	31,025	31,450	31,875	32,300	33,150	34,000	34,850	
5 3/4	25,739	26,191	26,642	27,094	27,545	27,997	28,448	28,900	29,352	29,803	30,255	30,706	31,158	31,609	32,061	32,513	32,964	33,416	33,867	34,319	35,222	36,125	37,028	
6	27,253	27,731	28,209	28,688	29,166	29,644	30,122	30,600	31,078	31,556	32,034	32,513	32,991	33,469	33,947	34,425	34,903	35,381	35,859	36,338	37,294	38,250	39,206	

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																
	5¼	5½	5¾	5⅞	6	6⅛	6¼	6⅝	6¾	6⅞	7	7⅛	7¼	7⅝	7¾	7⅞	8
5/16	.558	.571	.584	.598	.611	.624	.638	.651	.664	.677	.691	.704	.717	.730	.744	.757	.770
3/8	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
1/2	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
5/8	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
3/4	2.789	2.855	2.922	2.988	3.055	3.121	3.188	3.254	3.320	3.387	3.453	3.520	3.586	3.652	3.719	3.785	3.852
7/8	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	4.702
1	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
1 1/16	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
1 1/8	5.021	5.139	5.257	5.375	5.493	5.611	5.729	5.847	5.965	6.083	6.201	6.319	6.437	6.555	6.673	6.791	6.909
1 1/4	5.579	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	7.571	7.704
1 1/2	6.694	6.853	7.013	7.172	7.331	7.491	7.650	7.809	7.969	8.128	8.288	8.447	8.606	8.765	8.925	9.084	9.244
1 3/4	7.809	7.995	8.181	8.367	8.553	8.739	8.925	9.111	9.297	9.483	9.669	9.855	10.041	10.227	10.413	10.598	10.784
1 7/8	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
2	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
2 1/16	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
2 1/8	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
2 1/4	13.388	13.706	14.025	14.344	14.663	14.981	15.300	15.619	15.938	16.256	16.575	16.894	17.213	17.531	17.850	18.169	18.488
2 1/2	14.503	14.848	15.194	15.539	15.884	16.230	16.575	16.920	17.266	17.611	17.956	18.302	18.647	18.992	19.338	19.683	20.028
2 3/8	15.619	15.991	16.363	16.734	17.106	17.478	17.850	18.222	18.594	18.966	19.338	19.709	20.081	20.452	20.825	21.197	21.569
2 1/2	16.734	17.133	17.531	17.930	18.328	18.727	19.125	19.523	19.922	20.320	20.719	21.117	21.515	21.914	22.312	22.711	23.109
2 3/4	17.850	18.275	18.700	19.125	19.550	19.975	20.400	20.825	21.250	21.675	22.100	22.525	22.950	23.375	23.800	24.225	24.650
3	20.041	20.559	21.078	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
3 1/16	22.312	22.844	23.375	23.906	24.438	24.969	25.500	26.031	26.562	27.094	27.625	28.156	28.688	29.219	29.750	30.281	30.813
3 1/8	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	33.893
3 1/4	26.775	27.413	28.050	28.688	29.325	29.963	30.600	31.238	31.875	32.513	33.150	33.788	34.425	35.063	35.700	36.338	36.975
3 1/2	29.006	29.697	30.388	31.078	31.769	32.459	33.150	33.841	34.531	35.222	35.913	36.603	37.294	37.984	38.675	39.366	40.056
3 3/8	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
3 1/2	33.469	34.266	35.063	35.859	36.656	37.453	38.250	39.047	39.844	40.641	41.438	42.235	43.031	43.828	44.625	45.422	46.219
2	35.700	36.550	37.400	38.250	39.100	39.950	40.800	41.650	42.500	43.350	44.200	45.050	45.900	46.750	47.600	48.450	49.300
2 1/8	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
2 1/4	40.163	41.119	42.075	43.031	43.988	44.944	45.900	46.856	47.813	48.769	49.725	50.681	51.638	52.594	53.550	54.506	55.463
2 1/2																	

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness Inches	WIDTH, INCHES															
	8½	8¼	8	7¾	7½	7¼	7	6¾	6½	6¼	6	5¾	5½	5¼	5	4¾
¼	.863	.877	.890	.903	.916	.930	.943	.956	.970	.983	.996	1.009	1.023	1.036	1.049	1.063
⅜	1.727	1.753	1.780	1.806	1.833	1.859	1.886	1.913	1.939	1.966	1.992	2.019	2.045	2.072	2.125	2.178
½	2.590	2.630	2.670	2.709	2.749	2.789	2.829	2.869	2.909	2.948	2.988	3.028	3.068	3.108	3.188	3.267
⅝	3.453	3.506	3.559	3.613	3.666	3.719	3.772	3.825	3.878	3.931	3.984	4.038	4.091	4.144	4.250	4.356
¾	4.316	4.383	4.449	4.516	4.582	4.648	4.715	4.781	4.848	4.914	4.980	5.047	5.113	5.180	5.313	5.445
⅞	5.180	5.259	5.339	5.419	5.498	5.578	5.658	5.738	5.817	5.897	5.977	6.056	6.136	6.216	6.375	6.534
1	6.043	6.136	6.229	6.322	6.415	6.508	6.601	6.694	6.787	6.880	6.973	7.066	7.159	7.252	7.437	7.623
1 ¼	6.906	7.013	7.119	7.225	7.331	7.438	7.544	7.650	7.756	7.863	7.969	8.075	8.181	8.288	8.500	8.713
1 ½	8.633	8.766	8.898	9.031	9.164	9.297	9.430	9.563	9.695	9.828	9.961	10.094	10.227	10.359	10.625	10.891
1 ¾	10.359	10.519	10.678	10.838	10.997	11.156	11.316	11.475	11.634	11.794	11.953	12.113	12.272	12.431	12.750	13.069
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	14.875	15.247
2 ¼	13.813	14.025	14.238	14.450	14.663	14.875	15.088	15.300	15.513	15.725	15.938	16.150	16.363	16.575	17.000	17.425
2 ½	15.539	15.778	16.017	16.256	16.495	16.734	16.973	17.213	17.452	17.691	17.930	18.169	18.408	18.647	19.125	19.603
2 ¾	17.266	17.531	17.797	18.063	18.328	18.594	18.859	19.125	19.391	19.656	19.922	20.188	20.453	20.719	21.250	21.781
3	18.992	19.284	19.577	19.869	20.161	20.453	20.745	21.038	21.330	21.622	21.914	22.206	22.498	22.791	23.375	23.959
3 ¼	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	25.500	26.138
3 ½	22.445	22.791	23.136	23.481	23.827	24.172	24.517	24.863	25.208	25.553	25.898	26.244	26.589	26.934	27.625	28.316
3 ¾	24.172	24.544	24.916	25.288	25.659	26.031	26.403	26.775	27.147	27.519	27.891	28.263	28.634	29.006	29.750	30.494
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	31.875	32.672
4 ¼	27.625	28.050	28.475	28.900	29.325	29.750	30.175	30.600	31.025	31.450	31.875	32.300	32.725	33.150	34.000	34.850
4 ½	31.078	31.556	32.034	32.513	32.991	33.469	33.947	34.425	34.903	35.381	35.859	36.338	36.816	37.294	38.250	39.206
4 ¾	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	42.500	43.563
5	37.984	38.569	39.153	39.738	40.322	40.906	41.491	42.075	42.659	43.244	43.828	44.413	44.997	45.581	46.750	47.919
5 ¼	41.438	42.075	42.713	43.350	43.988	44.625	45.263	45.900	46.538	47.175	47.813	48.450	49.088	49.725	51.000	52.275
5 ½	44.891	45.581	46.272	46.963	47.653	48.344	49.034	49.725	50.416	51.106	51.797	52.488	53.179	53.869	55.250	56.631
5 ¾	48.344	49.088	49.831	50.575	51.319	52.063	52.806	53.550	54.294	55.038	55.781	56.525	57.269	58.013	59.500	60.988
6	51.797	52.594	53.391	54.188	54.984	55.781	56.578	57.375	58.172	58.969	59.766	60.563	61.359	62.156	63.750	65.344
6 ¼	55.250	56.100	56.950	57.800	58.650	59.500	60.350	61.200	62.050	62.900	63.750	64.600	65.450	66.300	68.000	69.700
6 ½	58.703	59.656	60.509	61.413	62.316	63.219	64.122	65.025	65.928	66.831	67.734	68.638	69.541	70.444	72.250	74.056
6 ¾	62.156	63.113	64.069	65.025	65.981	66.938	67.894	68.850	69.806	70.763	71.719	72.675	73.631	74.588	76.500	78.413
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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
⅛	5.21	5.31	5.42	5.53	5.64	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
⅜	6.51	6.64	6.77	6.91	7.04	7.17	7.30	7.44	7.57	7.70	7.84	7.97	8.10	8.23	8.37	8.50	8.63	8.77	8.90	9.03	9.16	9.30	9.43
½	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
⅝	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
¾	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
⅞	13.02	13.28	13.53	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	15.62	15.94	16.26	16.58	16.89	17.21	17.53	17.85	18.17	18.49	18.81	19.13	19.44	19.76	20.08	20.40	20.72	21.04	21.36	21.68	21.99	22.31	22.63
1¼	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
1½	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
1¾	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
2	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
2¼	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
2½	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
2¾	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
3	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
3¼	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
3½	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
3¾	46.86	47.81	48.77	49.73	50.68	51.64	52.59	53.55	54.51	55.46	56.42	57.38	58.33	59.29	60.24	61.20	62.16	63.11	64.07	65.03	65.98	66.94	67.89
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
4¼	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
4½	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
4¾	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
5	72.89	74.38	75.86	77.33	78.81	80.33	81.81	83.30	84.78	86.28	87.75	89.22	90.70	92.17	93.64	95.10	96.59	98.06	99.54	101.02	102.50	103.98	105.46
5¼	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
5½	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
5¾	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
6	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	18½	18¾	19	19¼	19½	19¾	20	20¼	20½	20¾	21	21¼	21½	21¾	22	22¼	22½	22¾	23	23½	23¾	
1/16	7.60	7.76	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	
1/8	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	11.51	11.69	11.82	11.96	12.09	12.22	12.35	12.48	
3/16	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	
1/4	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	
5/16	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	
3/8	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	
7/16	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	
1/2	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	
5/8	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	
3/4	34.43	34.90	35.36	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	
7/8	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	
1	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	
1 1/16	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	
1 1/8	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	
1 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	
1 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	
1 3/8	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	
1 3/4	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	
1 7/8	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	
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	
2 1/16	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	
2 1/8	99.45	100.83	102.21	103.59	104.98	106.36	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	
2 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	132.38	133.88	135.36	136.85	138.34	
2 3/8	114.75	116.34	117.94	119.53	121.13	122.72	124.31	125.91	127.50	129.09	130.68	132.28	133.88	135.47	137.06	138.66	140.25	141.84	143.44	145.03	146.63	148.22	
2 1/2	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	
2 3/4	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	167.98	
2 7/8	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	

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																						
	24	24½	24¾	25	25¼	25½	25¾	26	26¼	26½	26¾	27	27¼	27½	27¾	28	28¼	28½	28¾	29	29½		
1/16	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
1/8	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
3/16	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
1/4	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
5/16	20.19	20.40	20.61	20.83	21.04	21.25	21.46	21.68	21.89	22.10	22.31	22.53	22.74	22.95	23.16	23.38	23.59	23.80	24.01	24.23	24.44	24.65	24.86
3/8	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
7/16	30.28	30.60	30.92	31.24	31.56	31.88	32.21	32.51	32.83	33.15	33.47	33.79	34.11	34.43	34.74	35.05	35.36	35.67	36.00	36.34	36.66	36.98	37.29
1/2	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
5/8	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
3/4	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
7/8	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	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 1/16	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 1/8	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 1/4	70.66	71.40	72.14	72.89	73.63	74.38	75.12	75.86	76.61	77.35	78.09	78.84	79.58	80.33	81.07	81.81	82.56	83.30	84.04	84.79	85.53	86.28	87.02
1 1/2	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
1 3/4	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
1 7/8	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	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 1/4	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	124.96	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	149.17	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 1/4	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 1/2	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 3/4	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	196.89	198.69	200.49	202.29	204.11	205.91	207.72	209.53	211.33
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	206.55	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- ness, Inches	WIDTH, INCHES																						
	29½	29¼	30	30¼	30½	30¾	31	31¼	31½	31¾	32	32¼	32½	32¾	33	33¼	33½	33¾	34	34¼	34½	34¾	35
¾	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
⅞	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
1	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
1¼	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
1½	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	28.06	28.26	28.48	28.69	28.90	29.11	29.33	29.54	29.75
1¾	31.94	31.61	31.88	32.14	32.41	32.67	32.94	33.21	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
2	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
2¼	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
2½	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
2¾	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
3	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
3¼	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
3½	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
3¾	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
4	87.76	88.51	89.25	89.99	90.74	91.48	92.23	92.97	93.71	94.46	95.20	95.94	96.69	97.43	98.18	98.92	99.66	100.41	101.15	101.89	102.64	103.38	104.13
4¼	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
4½	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
4¾	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
5	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
5¼	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
5½	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
5¾	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
6	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
6¼	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
6½	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
6¾	213.14	214.94	216.75	218.56	220.36	222.17	223.98	225.78	227.59	229.39	231.20	233.01	234.81	236.62	238.43	240.23	242.04	243.84	245.65	247.46	249.26	251.07	252.88
7	225.68	227.59	229.50	231.41	233.33	235.24	237.15	239.06	240.96	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	35½	36	36½	36½	37	37½	37½	38	38½	38½	39	39½	39½	40	40½	40½					
¼	14.98	15.09	15.19	15.30	15.41	15.51	15.62	15.73	15.83	15.94	16.04	16.15	16.26	16.36	16.47	16.58	16.68	16.79	16.89	17.00	17.11	17.21	17.32
⅜	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
½	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
⅝	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	28.64	28.82	29.01	29.19	29.38	29.56	29.75	29.94	30.12	30.31
¾	29.96	30.18	30.39	30.60	30.81	31.03	31.24	31.45	31.66	31.88	32.09	32.30	32.51	32.73	32.94	33.15	33.36	33.58	33.79	34.00	34.21	34.43	34.64
⅞	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
1	44.94	45.26	45.59	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
1 ¼	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
1 ½	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
1 ¾	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
2	74.91	75.44	75.97	76.50	77.03	77.56	78.09	78.63	79.16	79.69	80.22	80.75	81.28	81.81	82.34	82.88	83.41	83.94	84.47	85.00	85.53	86.06	86.59
2 ¼	82.40	82.96	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
2 ½	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
2 ¾	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
3	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
3 ¼	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
3 ½	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
3 ¾	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
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
4 ¼	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
4 ½	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
4 ¾	194.76	196.14	197.52	198.90	200.28	201.66	203.04	204.43	205.81	207.19	208.58	210.00	211.39	212.79	214.18	215.58	216.98	218.38	219.78	221.18	222.58	223.98	225.38
5	209.74	211.23	212.71	214.20	215.69	217.18	218.66	220.15	221.64	223.13	224.62	226.11	227.60	229.09	230.58	232.07	233.56	235.05	236.54	238.03	239.52	241.01	242.50
5 ¼	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
5 ½	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
5 ¾	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	278.16	279.97	281.78	283.58	285.39	287.19	289.00	290.81	292.61	294.42
6	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

ILLINOIS STEEL COMPANY

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

Thickness 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	46¾
1/16	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
1/8	21.78	21.91	22.05	22.18	22.31	22.45	22.58	22.71	22.84	22.98	23.11	23.25	23.38	23.51	23.64	23.77	23.91	24.04	24.17	24.30	24.44	24.57	24.70
3/16	26.14	26.30	26.46	26.62	26.78	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
1/4	30.49	30.68	30.87	31.05	31.24	31.42	31.61	31.80	31.98	32.17	32.35	32.54	32.73	32.91	33.10	33.28	33.47	33.65	33.84	34.03	34.21	34.40	34.58
5/16	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
3/8	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
7/16	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
1/2	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
5/8	69.70	70.13	70.55	70.98	71.40	71.83	72.25	72.68	73.10	73.53	73.95	74.38	74.80	75.23	75.65	76.08	76.50	76.93	77.35	77.78	78.20	78.63	79.05
3/4	78.41	78.89	79.37	79.85	80.33	80.80	81.28	81.76	82.24	82.72	83.19	83.67	84.15	84.63	85.11	85.58	86.06	86.54	87.02	87.50	87.98	88.45	88.93
7/8	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
1	95.94	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
1 1/16	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
1 1/8	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
1 1/4	121.98	122.72	123.46	124.21	124.96	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
1 3/8	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
1 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
1 5/8	156.83	157.78	158.74	159.69	160.65	161.61	162.56	163.52	164.48	165.43	166.39	167.34	168.30	169.26	170.21	171.17	172.13	173.08	174.04	174.99	175.95	176.91	177.86
1 3/4	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
1 7/8	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
2	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
2 1/8	226.63	227.91	229.29	230.67	232.05	233.43	234.81	236.19	237.57	238.95	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
2 1/4	243.95	245.44	246.93	248.41	249.90	251.39	252.88	254.36	255.85	257.34	258.83	260.31	261.80	263.29	264.78	266.26	267.75	269.24	270.73	272.21	273.70	275.19	276.68
2 3/8	261.38	262.97	264.56	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
2 1/2	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
2 5/8	296.23	298.03	299.84	301.64	303.45	305.26	307.06	308.87	310.68	312.48	314.29	316.09	317.91	321.51	323.32	325.13	326.94	328.74	330.54	332.35	334.16	335.96	337.77
2 3/4	313.65	315.56	317.48	319.39	321.30	323.21	325.13	327.04	328.95	330.86	332.78	334.69	336.60	338.51	340.43	342.34	344.25	346.16	348.08	349.99	351.90	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																			
	46½	47	47½	47¾	48	48½	48¾	49	49½	49¾	50	50¼	50½	50¾	51	51½	51¾	52	52½	
¼	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	21.89	22.10
⅜	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	27.36	27.63
½	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	32.87	33.15
⅝	34.77	34.96	35.14	35.33	35.51	35.70	35.89	36.07	36.26	36.44	36.63	36.82	37.01	37.19	37.37	37.56	37.75	37.93	38.30	38.66
¾	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	43.78	44.20
⅞	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
1	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
1 ¼	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
1 ½	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
1 ¾	89.41	89.89	90.37	90.84	91.32	91.80	92.28	92.76	93.23	93.71	94.19	94.67	95.15	95.63	96.10	96.58	97.06	97.54	98.02	98.49
2	99.34	99.86	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
2 ¼	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
2 ½	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
2 ¾	129.15	129.84	130.53	131.22	131.91	132.60	133.29	133.98	134.67	135.36	136.05	136.74	137.43	138.13	138.82	139.51	140.20	140.89	141.58	142.27
3	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
3 ¼	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
3 ½	158.96	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
3 ¾	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
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
4 ¼	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
4 ½	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
4 ¾	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
5	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
5 ¼	298.03	299.63	301.22	302.81	304.41	306.00	307.59	309.19	310.78	312.38	313.97	315.56	317.16	318.75	320.34	321.93	323.52	325.11	326.70	328.29
5 ½	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
5 ¾	337.77	339.59	341.38	343.19	344.99	346.81	348.61	350.41	352.22	354.03	355.83	357.64	359.44	361.25	363.05	364.86	366.67	368.48	370.28	372.09
6	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	393.97

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	52½"	52"	53"	53½"	54"	54½"	55"	55½"	56"	56½"	56¾"	57"	57½"	57¾"	58"	58½"	59"	59½"	60"	60½"	61"	61½"	62"	
¼	22.31	22.42	22.53	22.64	22.75	22.86	22.97	23.08	23.19	23.30	23.41	23.52	23.63	23.74	23.85	23.96	24.07	24.18	24.29	24.40	24.51	24.62	24.73	
⅜	27.89	28.02	28.16	28.29	28.42	28.55	28.69	28.82	28.95	29.07	29.21	29.34	29.47	29.60	29.73	29.86	30.00	30.13	30.26	30.39	30.52	30.65	30.78	
½	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	
⅝	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	
¾	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	
⅞	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	66.94	67.26	67.58	67.89	68.21	68.53	68.85	69.17	69.49	69.81	70.13	70.44	70.76	71.08	71.40	71.72	72.04	72.36	72.68	72.99	73.31	73.63	73.95	
1 ⅛	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	
1 ¼	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	
1 ⅜	100.41	100.88	101.36	101.84	102.32	102.80	103.28	103.75	104.23	104.71	105.19	105.67	106.15	106.62	107.10	107.58	108.06	108.53	109.01	109.49	109.97	110.45	110.93	
1 ½	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 ⅝	122.72	123.30	123.89	124.47	125.06	125.64	126.23	126.81	127.39	127.98	128.56	129.15	129.73	130.32	130.90	131.48	132.07	132.65	133.24	133.82	134.41	134.99	135.58	
1 ¾	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 ⅞	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	
2	156.19	156.93	157.68	158.42	159.16	159.91	160.65	161.39	162.14	162.88	163.63	164.37	165.12	165.86	166.60	167.34	168.09	168.83	169.58	170.32	171.06	171.81	172.55	
2 ⅛	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	
2 ¼	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 ⅜	200.11	201.77	203.43	205.09	206.75	208.41	210.07	211.73	213.39	215.05	216.71	218.37	219.99	221.61	223.24	224.86	226.48	228.10	229.72	231.34	232.96	234.58	236.20	
2 ½	223.13	224.19	225.25	226.31	227.37	228.44	229.50	230.56	231.63	232.69	233.75	234.81	235.88	236.94	238.00	239.06	240.13	241.19	242.25	243.31	244.38	245.44	246.50	
2 ⅝	245.44	246.61	247.78	248.94	250.11	251.28	252.45	253.62	254.79	255.96	257.13	258.29	259.46	260.63	261.80	262.97	264.14	265.31	266.48	267.64	268.81	269.98	271.15	
2 ¾	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	
3	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	310.79	312.16	313.54	314.93	316.31	317.69	319.07	320.45	
3 ⅛	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	337.66	339.15	340.64	342.13	343.61	345.10	
3 ¼	334.69	336.28	337.87	339.46	341.05	342.64	344.23	345.82	347.41	349.00	350.59	352.18	353.77	355.36	356.95	358.54	360.13	361.72	363.31	364.90	366.50	368.10	369.70	
3 ⅝	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 ¾	379.31	381.12	382.93	384.73	386.54	388.34	390.15	391.96	393.76	395.57	397.37	399.18	400.99	402.79	404.60	406.41	408.21	410.02	411.83	413.63	415.44	417.24	419.05	
4	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

Thickness Inches	WIDTH, INCHES																						
	58½	58½	58	59	59¼	59½	60	60¼	60½	61	61¼	61½	62	62¼	62½	62¾	63	63¼	63½	63¾			
1/16	24.76	24.86	24.97	25.08	25.18	25.29	25.39	25.50	25.61	25.71	25.82	25.93	26.03	26.14	26.24	26.35	26.46	26.56	26.67	26.78	26.88	26.99	27.09
1/8	30.95	31.08	31.21	31.34	31.47	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
3/16	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	39.69	39.84	40.00	40.16	40.32	40.48	40.64
1/4	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
5/16	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
3/8	61.89	62.16	62.42	62.69	62.95	63.22	63.48	63.75	64.02	64.28	64.55	64.81	65.08	65.34	65.61	65.88	66.14	66.41	66.67	66.94	67.21	67.47	67.73
7/16	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	80.66	80.98	81.28
1/2	86.65	87.02	87.37	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
5/8	99.03	99.45	99.88	100.30	100.73	101.15	101.58	102.00	102.43	102.85	103.28	103.70	104.13	104.55	104.98	105.40	105.83	106.25	106.68	107.10	107.53	107.95	108.38
3/4	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
7/8	123.79	124.31	124.84	125.38	125.91	126.44	126.97	127.50	128.03	128.56	129.09	130.63	131.16	131.69	132.22	132.75	133.28	133.81	134.34	134.88	135.41	135.94	136.47
1	136.16	136.74	137.33	137.91	138.50	139.08	139.67	140.25	140.83	141.42	142.00	142.59	143.17	143.76	144.34	144.93	145.51	146.09	146.68	147.26	147.85	148.43	149.02
1 1/16	148.54	149.18	149.81	150.45	151.09	151.73	152.36	153.00	153.64	154.28	154.91	155.55	156.19	156.83	157.46	158.10	158.74	159.38	160.01	160.65	161.29	161.93	162.56
1 1/8	160.92	161.61	162.30	163.00	163.68	164.37	165.06	165.75	166.44	167.13	167.82	168.51	169.20	169.89	170.58	171.28	171.97	172.66	173.35	174.04	174.73	175.42	176.11
1 1/4	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
1 1/2	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
1 3/4	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	210.00	210.80	211.65	212.50	213.35	214.20	215.05	215.90	216.75
2	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	236.20	237.15	238.11	239.06	240.02	240.98	241.93	242.89	243.84
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	269.86	270.94
2 1/2	272.32	273.49	274.66	275.83	276.99	278.16	279.33	280.50	281.67	282.84	284.01	285.18	286.34	287.51	288.68	289.85	291.02	292.19	293.36	294.53	295.69	296.86	298.03
2 3/4	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
3	321.83	323.21	324.59	325.98	327.36	328.74	330.12	331.50	332.88	334.26	335.64	337.01	338.41	339.79	341.17	342.55	343.93	345.31	346.69	348.08	349.46	350.84	352.22
3 1/4	346.59	348.08	349.56	351.05	352.54	354.03	355.51	357.00	358.49	359.98	361.44	362.95	364.44	365.93	367.41	368.90	370.39	371.88	373.36	374.85	376.34	377.83	379.31
3 1/2	371.34	372.94	374.53	376.13	377.72	379.31	380.91	382.50	384.09	385.69	387.28	388.88	390.47	392.06	393.66	395.25	396.84	398.44	400.03	401.63	403.22	404.81	406.41
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
4 1/4	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
4 1/2	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	470.47	472.39	474.30	476.21	478.12	480.04	481.95	483.86	485.78	487.69

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																		
	64	64½	65	65½	65¾	66	66½	66¾	67	67½	67¾	68	68½	68¾	69	69½	69¾	70	
¾	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
¾	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	36.13	36.39	36.52	36.79
¾	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	43.35	43.51	43.67	43.99
¾	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	51.13
¾	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
¾	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	71.98	72.25	72.78	73.05
¾	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
¾	95.20	95.57	95.94	96.32	96.69	97.06	97.43	97.80	98.15	98.53	98.92	99.29	99.66	100.03	100.41	100.78	101.15	101.52	101.89
1	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
1	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
1	136.00	136.53	137.06	137.59	138.13	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
1	149.60	150.18	150.77	151.35	151.94	152.52	153.11	153.69	154.28	154.86	155.44	156.03	156.61	157.20	157.78	158.37	158.95	159.53	160.12
1	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
1	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
1	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
1	204.00	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
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
1 1/8	244.00	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	262.02
1 1/8	272.00	273.06	274.13	275.19	276.25	277.31	278.38	279.44	280.50	281.56	282.62	283.69	284.75	285.81	286.88	287.94	289.00	290.06	291.13
1 1/8	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	314.40	315.56	316.73	317.90	319.07	320.24
1 1/8	326.40	327.68	328.96	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
1 1/8	353.60	354.98	356.36	357.74	359.11	360.49	361.87	363.25	364.63	366.01	367.39	368.77	370.15	371.53	372.91	374.29	375.67	377.05	378.43
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	397.16	398.65	400.14	401.63	403.11	404.60	406.09	407.58
1 1/8	408.00	409.59	411.19	412.78	414.38	415.97	417.56	419.15	420.75	422.34	423.94	425.53	427.13	428.72	430.31	431.91	433.50	435.09	436.69
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
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
2 1/8	489.60	491.51	493.43	495.34	497.25	499.16	501.08	502.99	504.90	506.81	508.72	510.64	512.55	514.46	516.38	518.29	520.20	522.11	524.03

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness	WIDTH, INCHES																					
	70	70½	70¾	71	71¼	71½	71¾	72	72¼	72½	72¾	73	73¼	73½	73¾	74	74¼	74½	74¾	75	75½	
1/16	29.64	29.75	29.86	29.96	30.07	30.18	30.28	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
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
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
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	55.79
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	63.76
3/8	74.11	74.38	74.64	74.91	75.17	75.44	75.70	75.97	76.23	76.50	76.77	77.03	77.30	77.57	77.83	78.09	78.36	78.63	78.89	79.16	79.42	79.69
1/2	88.93	89.25	89.57	89.89	90.21	90.53	90.84	91.16	91.48	91.80	92.12	92.44	92.76	93.08	93.39	93.71	94.03	94.35	94.67	94.99	95.31	95.63
5/8	103.75	104.13	104.50	104.87	105.24	105.61	105.98	106.36	106.73	107.10	107.47	107.84	108.22	108.59	108.96	109.33	109.70	110.08	110.45	110.82	111.19	111.56
3/4	118.58	119.00	119.43	119.85	120.28	120.70	121.13	121.55	121.98	122.40	122.83	123.25	123.68	124.10	124.53	124.95	125.38	125.80	126.23	126.65	127.08	127.50
7/8	133.40	133.88	134.35	134.83	135.31	135.79	136.27	136.74	137.22	137.70	138.18	138.66	139.13	139.61	140.09	140.57	141.05	141.53	142.00	142.48	142.96	143.44
1 1/8	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
1 1/4	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
1 1/2	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
1 3/4	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
2	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
2 1/4	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
2 1/2	237.15	238.00	238.85	239.70	240.55	241.40	242.25	243.10	243.95	244.80	245.65	246.50	247.35	248.20	249.05	249.90	250.75	251.60	252.45	253.30	254.15	255.00
2 3/4	262.79	263.75	264.71	265.67	266.62	267.58	268.53	269.49	270.44	271.40	272.35	273.31	274.27	275.22	276.18	277.14	278.10	279.06	279.92	280.88	281.84	282.80
3	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
3 1/4	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
3 1/2	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
3 3/4	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
4	415.01	416.50	417.99	419.48	420.96	422.45	423.94	425.43	426.91	428.40	429.89	431.38	432.86	434.35	435.84	437.33	438.81	440.30	441.79	443.28	444.76	446.25
4 1/4	444.66	446.25	447.84	449.44	451.03	452.63	454.22	455.81	457.41	459.00	460.59	462.19	463.78	465.38	466.97	468.56	470.15	471.74	473.34	474.94	476.53	478.13
4 1/2	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
4 3/4	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
5	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

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness Inches	WIDTH, INCHES																						
	75½	76	76½	76¾	77	77½	77¾	78	78½	78¾	79	79½	79¾	80	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	66.31	66.53	66.75	66.97	67.19	67.41	67.63	67.85	68.07	68.29	68.51	68.74	68.95
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	149.66	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	249.42	250.22	251.02	251.81	252.61	253.41	254.20	255.00	255.80	256.59	257.39	258.19
2	256.70	257.55	258.40	259.25	260.10	260.95	261.80	262.65	263.50	264.35	265.20	266.05	266.90	267.75	268.60	269.45	270.30	271.15	272.00	272.85	273.70	274.55	275.40
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 3/8	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 5/8	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	370.49	371.66	372.83	374.00	375.17	376.34	377.51	378.68
1 7/8	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 9/8	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 11/8	449.23	450.71	452.20	453.69	455.18	456.66	458.15	459.64	461.13	462.62	464.11	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	487.68	489.28	490.88	492.47	494.06	495.66	497.25	498.84	500.44	502.03	503.63	505.22	506.81	508.41	510.00	511.59	513.19	514.78	516.38
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	572.58	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	585.22	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																						
	81½	81¼	82	82½	82¾	83	83¼	83½	83¾	84	84¼	84½	84¾	85	85¼	85½	85¾	86	86¼	86½	86¾	87	
⅜	60.43	60.62	60.80	61.17	61.36	61.55	61.73	61.92	70.76	70.96	71.19	71.40	71.61	71.83	72.04	72.26	72.48	72.69	72.91	73.10	73.31	73.53	73.74
½	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	72.26	72.48	72.69	72.91	73.10	73.31	73.53	73.74
⅝	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
¾	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
⅞	120.86	121.23	121.60	121.98	122.35	122.72	123.09	123.46	123.83	124.21	124.58	124.95	125.32	125.69	126.07	126.44	126.81	127.18	127.55	127.92	128.30	128.67	129.04
1	138.13	138.56	138.98	139.40	139.83	140.25	140.68	141.10	141.53	141.95	142.38	142.80	143.23	143.65	144.08	144.51	144.93	145.36	145.78	146.21	146.63	147.05	147.48
1¼	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
1½	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
1¾	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	202.20	202.78
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
2¼	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	237.57	238.26	238.95	239.65
2½	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
2¾	258.98	259.78	260.58	261.38	262.17	262.97	263.77	264.56	265.36	266.16	266.95	267.75	268.55	269.34	270.14	270.94	271.73	272.53	273.33	274.13	274.92	275.72	276.52
3	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
3¼	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
3½	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
3¾	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
4	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
4¼	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
4½	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
4¾	517.97	519.56	521.16	522.75	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
5	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
5¼	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
5½	621.56	623.48	625.39	627.30	629.21	631.13	633.04	634.95	636.86	638.78	640.69	642.60	644.51	646.43	648.34	650.25	652.16	654.08	655.99	657.90	659.81	661.73	663.64

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness,
Inches

WIDTH, INCHES

	87	87½	87¾	88	88¼	88½	88¾	89	89¼	89½	89¾	90	90¼	90½	90¾	91	91¼	91½	91¾	92	92¼	92½	
¼	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
⅜	73.35	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	77.78	77.99	78.20	78.41	78.63
½	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
⅝	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
¾	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	135.37	135.74	136.11	136.48	136.85	137.22	137.59
⅞	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
1¼	184.88	185.41	185.94	186.47	187.00	187.53	188.06	188.59	189.13	189.66	190.19	190.72	191.25	191.78	192.31	192.84	193.38	193.91	194.44	194.97	195.50	196.03	196.56
1½	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
1¾	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
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
2¼	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
2½	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
2¾	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
3	332.78	333.73	334.69	335.64	336.60	337.56	338.51	339.47	340.43	341.39	342.34	343.30	344.25	345.21	346.16	347.12	348.08	349.03	349.99	350.94	351.90	352.86	353.81
3¼	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
3½	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
3¾	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
4	480.67	482.06	483.44	484.82	486.20	487.59	488.98	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
4¼	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
4½	554.63	556.22	557.81	559.41	561.00	562.59	564.19	565.78	567.38	568.97	570.56	572.16	573.75	575.34	576.94	578.53	580.13	581.72	583.31	584.91	586.50	588.09	589.69
5	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
5¼	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	652.05	653.86	655.67	657.48	659.28	661.09	662.89	664.70	666.51	668.31
5½	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																						
	92½	93	93½	93¾	94	94½	94¾	95	95½	95¾	96	96½	96¾	97	97½	97¾	98	98½					
⅜	68.98	69.17	69.35	69.54	69.73	69.91	70.10	70.28	70.47	70.65	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
½	78.94	79.05	79.26	79.48	79.69	79.90	80.11	80.33	80.54	80.75	80.96	81.18	81.39	81.60	81.81	82.03	82.24	82.45	82.66	82.88	83.09	83.30	83.51
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
¾	118.26	118.58	118.89	119.21	119.53	119.85	120.17	120.49	120.81	121.13	121.45	121.76	122.08	122.40	122.72	123.04	123.36	123.68	123.99	124.31	124.63	124.95	125.27
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
1	157.68	158.10	158.53	158.95	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
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
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
1 ⅓	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
1 ½	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
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
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
1 ⅞	295.64	296.44	297.23	298.03	298.83	299.63	300.42	301.22	302.02	302.82	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
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
2 ⅛	354.77	355.73	356.68	357.64	358.59	359.55	360.51	361.46	362.42	363.38	364.34	365.29	366.24	367.20	368.16	369.11	370.07	371.03	371.98	372.94	373.89	374.85	375.81
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
2 ⅓	433.61	434.78	435.94	437.11	438.28	439.45	440.62	441.79	442.96	444.13	445.29	446.47	447.63	448.80	449.97	451.14	452.31	453.48	454.64	455.81	456.98	458.15	459.32
2 ½	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
2 ⅞	512.44	513.83	515.21	516.59	517.97	519.35	520.73	522.11	523.49	524.88	526.26	527.64	529.02	530.40	531.78	533.16	534.54	535.93	537.31	538.69	540.07	541.45	542.83
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
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
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
3 ⅓	670.12	671.93	673.73	675.54	677.34	679.15	680.96	682.76	684.57	686.38	688.18	689.99	691.79	693.60	695.41	697.21	699.02	700.83	702.63	704.44	706.24	708.05	709.86
3 ½	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

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	98½	98¼	98	97¾	97½	97¼	97	96¾	100	100½	100¾	101	101½	101¾	101½	101¾	102	102½	102¾	103	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	76.80	76.99	77.16	77.35	77.54
½	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	87.97	88.18	88.39	88.60
⅝	104.66	104.92	105.19	105.45	105.72	105.98	106.25	106.52	106.78	107.05	107.31	107.58	107.84	108.11	108.38	108.64	108.91	109.17	109.44	109.70	109.97	110.23	110.50	110.76
¾	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
⅞	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	153.95	154.32	154.70	155.07
1	167.45	167.88	168.30	168.73	169.15	169.58	170.00	170.43	170.85	171.28	171.71	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
1¼	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	197.95	198.42	198.90	199.38
1½	209.31	209.84	210.36	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	218.87	219.41	219.94	220.47	221.00	221.53
1¾	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
2	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	263.92	264.56	265.20	265.84
2¼	272.11	272.80	273.49	274.18	274.87	275.56	276.25	276.94	277.63	278.32	279.01	279.70	280.39	281.08	281.78	282.47	283.16	283.85	284.54	285.23	285.92	286.61	287.30	288.00
2½	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
2¾	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
3	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
3½	376.76	377.72	378.68	379.63	380.59	381.54	382.50	383.46	384.41	385.37	386.33	387.28	388.24	389.19	390.15	391.11	392.06	393.02	393.98	394.93	395.89	396.84	397.80	398.76
4	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	515.11	516.38	517.66	518.93	520.20	521.48	522.75	524.03	525.30	526.58	527.85	529.13	530.40	531.68
5½	544.21	545.59	546.98	548.36	549.74	551.12	552.50	553.88	555.26	556.64	558.03	559.41	560.79	562.17	563.55	564.93	566.31	567.69	569.07	570.45	571.84	573.22	574.60	575.98
6	586.06	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
6½	627.94	629.53	631.13	632.72	634.31	635.91	637.50	639.09	640.69	642.28	643.88	645.47	647.06	648.65	650.25	651.84	653.43	655.03	656.63	658.22	659.81	661.41	663.00	664.59
7	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
7½	711.66	713.47	715.28	717.09	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
8	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																								
	104½	104¾	105	105¼	105½	106	106¼	106½	106¾	107	107¼	107½	107¾	108	108¼	108½	108¾	109	109¼	109½	109¾	109½	109¾		
¼	77.54	77.72	77.91	78.09	78.28	78.47	78.65	78.84	79.02	79.21	79.40	79.58	79.77	79.95	80.14	80.33	80.51	80.70	80.88	81.07	81.25	81.44	81.63	81.82	82.01
¼	88.61	88.83	89.04	89.25	89.46	89.68	89.89	90.10	90.31	90.53	90.74	90.95	91.16	91.38	91.59	91.80	92.01	92.23	92.44	92.65	92.86	93.08	93.29	93.50	93.72
½	110.77	111.03	111.30	111.56	111.83	112.09	112.36	112.63	112.89	113.16	113.42	113.69	113.95	114.22	114.48	114.75	115.02	115.28	115.55	115.81	116.08	116.34	116.61	116.87	117.14
¾	132.92	133.24	133.56	133.88	134.19	134.51	134.83	135.15	135.47	135.79	136.11	136.43	136.75	137.07	137.39	137.71	138.03	138.35	138.67	138.99	139.31	139.63	139.95	140.27	140.59
¾	155.07	155.44	155.82	156.19	156.56	156.93	157.30	157.68	158.05	158.42	158.79	159.16	159.53	159.91	160.28	160.65	161.02	161.39	161.77	162.14	162.51	162.88	163.25	163.62	163.99
¾	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	187.00	187.43
1	199.38	199.86	200.33	200.81	201.29	201.77	202.25	202.73	203.20	203.68	204.16	204.64	205.12	205.59	206.07	206.55	207.03	207.51	207.98	208.46	208.94	209.42	209.90	210.38	210.86
1	221.53	222.06	222.59	223.13	223.66	224.19	224.72	225.25	225.78	226.31	226.84	227.37	227.91	228.44	228.97	229.50	230.03	230.56	231.09	231.63	232.16	232.69	233.22	233.75	234.28
1	243.68	244.27	244.85	245.44	246.02	246.61	247.19	247.78	248.36	248.94	249.53	250.11	250.70	251.28	251.87	252.45	253.03	253.62	254.20	254.79	255.37	255.96	256.54	257.13	257.71
1	265.84	266.48	267.11	267.75	268.39	269.03	269.66	270.30	270.94	271.58	272.21	272.85	273.49	274.13	274.76	275.40	276.04	276.68	277.31	277.95	278.59	279.23	279.86	280.50	281.14
1	287.99	288.68	289.37	290.06	290.75	291.44	292.13	292.83	293.52	294.21	294.90	295.59	296.28	296.97	297.66	298.35	299.04	299.73	300.42	301.11	301.80	302.49	303.18	303.87	304.56
1	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	327.25	328.00
1	332.30	333.09	333.89	334.69	335.48	336.28	337.08	337.88	338.68	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	350.63	351.43
1	354.45	355.30	356.15	357.00	357.85	358.70	359.55	360.40	361.25	362.10	362.95	363.80	364.65	365.50	366.35	367.20	368.05	368.90	369.75	370.60	371.45	372.30	373.15	374.00	374.85
1	398.76	399.71	400.67	401.63	402.58	403.54	404.49	405.45	406.41	407.36	408.32	409.28	410.23	411.19	412.14	413.10	414.06	415.01	415.97	416.93	417.88	418.84	419.79	420.75	421.71
1	443.06	444.13	445.19	446.25	447.31	448.38	449.44	450.50	451.56	452.63	453.69	454.75	455.81	456.88	457.94	459.00	460.06	461.13	462.19	463.25	464.31	465.38	466.44	467.50	468.56
1	487.37	488.54	489.71	490.88	492.04	493.21	494.38	495.55	496.72	497.89	499.06	500.23	501.39	502.56	503.73	504.90	506.07	507.24	508.41	509.58	510.74	511.91	513.08	514.25	515.42
1	531.68	532.95	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	559.73	561.00	562.27
1	575.98	577.36	578.74	580.13	581.51	582.89	584.27	585.65	587.03	588.41	589.79	591.17	592.55	593.94	595.32	596.70	598.08	599.46	600.84	602.23	603.61	605.00	606.38	607.76	609.15
1	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	654.50	656.00
1	664.59	666.19	667.78	669.38	670.97	672.56	674.16	675.75	677.34	678.94	680.53	682.13	683.72	685.31	686.91	688.50	690.09	691.69	693.28	694.88	696.47	698.06	699.66	701.25	702.85
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	748.00	749.70
2	753.21	755.01	756.82	758.63	760.43	762.24	764.04	765.85	767.66	769.46	771.27	773.08	774.88	776.69	778.49	780.30	782.11	783.91	785.72	787.53	789.33	791.14	792.94	794.75	796.55
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	841.50	843.41

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																							
	110	110¼	110½	111	111¼	111½	111¾	112	112¼	112½	112¾	113	113¼	113½	113¾	114	114¼	114½	114¾	115	115¼	115½	115¾	116
1/16	81.81	82.00	82.18	82.37	82.56	82.74	82.93	83.11	83.30	83.49	83.67	83.86	84.04	84.23	84.42	84.60	84.79	84.97	85.16	85.35	85.53	85.72	85.90	86.08
1/8	93.50	93.71	93.93	94.14	94.35	94.56	94.78	94.99	95.20	95.41	95.63	95.84	96.05	96.26	96.48	96.69	96.90	97.11	97.33	97.54	97.75	97.96	98.18	98.39
3/16	116.88	117.14	117.41	117.67	117.94	118.20	118.47	118.73	119.00	119.27	119.53	119.80	120.06	120.33	120.59	120.86	121.13	121.39	121.66	121.92	122.19	122.45	122.72	122.98
1/4	140.25	140.57	140.89	141.21	141.53	141.84	142.16	142.48	142.80	143.12	143.44	143.76	144.08	144.39	144.71	145.03	145.35	145.67	145.99	146.31	146.63	146.94	147.26	147.58
5/16	163.63	164.00	164.37	164.74	165.11	165.48	165.86	166.23	166.60	166.97	167.34	167.72	168.09	168.46	168.83	169.20	169.58	169.95	170.32	170.69	171.06	171.43	171.81	172.18
3/8	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	196.35	196.78
7/16	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	220.89	221.37
1/2	233.75	234.28	234.81	235.34	235.88	236.41	236.94	237.47	238.00	238.53	239.06	239.59	240.13	240.66	241.19	241.72	242.25	242.78	243.31	243.84	244.38	244.91	245.44	245.97
5/8	257.13	257.71	258.29	258.88	259.46	260.05	260.63	261.22	261.80	262.39	262.97	263.55	264.14	264.72	265.31	265.89	266.48	267.06	267.65	268.23	268.81	269.40	269.98	270.57
3/4	280.50	281.14	281.78	282.41	283.05	283.69	284.33	284.96	285.60	286.24	286.88	287.51	288.15	288.79	289.43	290.06	290.70	291.34	291.98	292.61	293.25	293.89	294.53	295.17
7/8	303.88	304.57	305.26	305.95	306.64	307.33	308.02	308.71	309.40	310.09	310.78	311.47	312.16	312.85	313.54	314.23	314.93	315.62	316.31	317.00	317.69	318.38	319.07	319.76
1	327.25	327.99	328.74	329.48	330.23	330.97	331.71	332.46	333.20	333.94	334.69	335.43	336.18	336.92	337.66	338.41	339.15	339.89	340.64	341.38	342.13	342.87	343.61	344.35
1 1/8	350.63	351.42	352.22	353.02	353.81	354.61	355.41	356.20	357.00	357.80	358.59	359.39	360.19	360.98	361.78	362.58	363.38	364.17	364.97	365.77	366.56	367.36	368.16	368.95
1 1/4	374.00	374.85	375.70	376.55	377.40	378.25	379.10	379.95	380.80	381.65	382.50	383.35	384.20	385.05	385.90	386.75	387.60	388.45	389.30	390.15	391.00	391.85	392.70	393.55
1 3/8	420.75	421.71	422.66	423.62	424.58	425.53	426.49	427.44	428.40	429.36	430.31	431.27	432.23	433.18	434.14	435.09	436.05	437.01	437.96	438.92	439.88	440.83	441.79	442.74
1 1/2	467.50	468.56	469.63	470.69	471.75	472.81	473.88	474.94	476.00	477.06	478.13	479.19	480.25	481.31	482.38	483.44	484.50	485.56	486.63	487.69	488.75	489.81	490.88	491.94
1 5/8	514.25	515.42	516.59	517.76	518.93	520.09	521.26	522.43	523.60	524.77	525.94	527.11	528.28	529.44	530.61	531.78	532.95	534.12	535.29	536.46	537.63	538.79	539.96	541.13
1 3/4	561.00	562.28	563.55	564.83	566.10	567.38	568.65	569.93	571.20	572.48	573.75	575.03	576.30	577.58	578.85	580.13	581.40	582.68	583.95	585.23	586.50	587.78	589.05	590.33
1 7/8	607.75	609.13	610.51	611.89	613.28	614.66	616.04	617.42	618.80	620.18	621.56	622.94	624.33	625.71	627.09	628.47	629.85	631.23	632.61	633.99	635.38	636.76	638.14	639.52
2	654.50	655.99	657.48	658.98	660.46	661.94	663.43	664.91	666.40	667.89	669.38	670.86	672.35	673.84	675.33	676.81	678.30	679.79	681.28	682.76	684.25	685.74	687.23	688.72
2 1/8	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	734.73	736.32	737.91
2 1/4	748.00	749.70	751.40	753.10	754.80	756.50	758.20	759.90	761.60	763.30	765.00	766.70	768.40	770.10	771.80	773.50	775.20	776.90	778.60	780.30	782.00	783.70	785.40	787.10
2 3/8	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	827.27	829.07	830.88	832.68	834.49	836.29
2 1/2	841.50	843.41	845.33	847.24	849.15	851.06	852.98	854.89	856.80	858.71	860.62	862.54	864.45	866.36	868.28	870.19	872.10	874.01	875.93	877.84	879.75	881.66	883.58	885.49

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL, Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																					
	115¼	116	116½	116¾	117	117¼	117½	117¾	118	118¼	118½	118¾	119	119¼	119½	119¾	120	120½	120¾	121	121½	
⅜	86.09	86.28	86.46	86.65	86.83	87.02	87.20	87.39	87.58	87.76	87.95	88.13	88.32	88.51	88.69	88.88	89.06	89.25	89.44	89.62	89.81	90.18
¼	96.39	98.60	98.81	99.03	99.24	99.45	99.66	99.88	100.09	100.30	100.51	100.73	100.94	101.15	101.36	101.58	101.79	102.00	102.21	102.43	102.64	102.85
⅓	122.96	123.25	123.52	123.76	124.05	124.31	124.58	124.84	125.11	125.38	125.64	125.91	126.17	126.44	126.70	126.97	127.23	127.50	127.77	128.03	128.30	128.56
⅔	147.58	147.90	148.22	148.54	148.86	149.18	149.49	149.81	150.13	150.45	150.77	151.09	151.41	151.73	152.04	152.36	152.68	153.00	153.32	153.64	153.96	154.28
1	172.18	172.55	172.92	173.29	173.67	174.04	174.41	174.78	175.15	175.53	175.90	176.27	176.64	177.01	177.38	177.76	178.13	178.50	178.87	179.24	179.61	179.98
1½	196.78	197.20	197.63	198.05	198.48	198.90	199.33	199.75	200.18	200.60	201.03	201.45	201.88	202.30	202.73	203.15	203.58	204.00	204.43	204.85	205.28	205.70
2	221.37	221.85	222.33	222.81	223.28	223.76	224.24	224.72	225.20	225.68	226.15	226.63	227.11	227.59	228.07	228.54	229.02	229.50	229.98	230.46	230.93	231.41
2½	245.97	246.50	247.03	247.56	248.09	248.63	249.16	249.69	250.22	250.75	251.28	251.81	252.34	252.88	253.41	253.94	254.47	255.00	255.53	256.06	256.59	257.13
3	270.57	271.15	271.73	272.30	272.87	273.44	274.01	274.59	275.16	275.73	276.30	276.87	277.44	278.01	278.58	279.15	279.72	280.29	280.86	281.43	282.00	282.57
3½	295.16	295.80	296.44	297.08	297.71	298.35	298.99	299.63	300.26	300.90	301.54	302.18	302.81	303.45	304.09	304.73	305.36	306.00	306.64	307.28	307.91	308.55
4	319.76	320.45	321.14	321.83	322.52	323.21	323.90	324.59	325.28	325.97	326.67	327.36	328.05	328.74	329.43	330.12	330.81	331.50	332.19	332.88	333.57	334.26
4½	344.36	345.10	345.84	346.59	347.33	348.08	348.82	349.56	350.31	351.05	351.79	352.54	353.28	354.03	354.77	355.51	356.26	357.00	357.74	358.49	359.23	359.98
5	368.95	369.75	370.55	371.34	372.14	372.94	373.74	374.53	375.33	376.13	376.92	377.72	378.52	379.31	380.11	380.91	381.70	382.50	383.30	384.09	384.89	385.69
5½	393.55	394.40	395.25	396.10	396.95	397.80	398.65	399.50	400.35	401.20	402.05	402.90	403.75	404.60	405.45	406.30	407.15	408.00	408.85	409.70	410.55	411.40
6	417.15	418.05	418.95	419.85	420.75	421.65	422.55	423.45	424.35	425.25	426.15	427.05	427.95	428.85	429.75	430.65	431.55	432.45	433.35	434.25	435.15	436.05
6½	441.75	442.70	443.65	444.60	445.55	446.50	447.45	448.40	449.35	450.30	451.25	452.20	453.15	454.10	455.05	456.00	456.95	457.90	458.85	459.80	460.75	461.70
7	466.35	467.35	468.35	469.35	470.35	471.35	472.35	473.35	474.35	475.35	476.35	477.35	478.35	479.35	480.35	481.35	482.35	483.35	484.35	485.35	486.35	487.35
7½	490.95	491.95	492.95	493.95	494.95	495.95	496.95	497.95	498.95	499.95	500.95	501.95	502.95	503.95	504.95	505.95	506.95	507.95	508.95	509.95	510.95	511.95
8	515.55	516.55	517.55	518.55	519.55	520.55	521.55	522.55	523.55	524.55	525.55	526.55	527.55	528.55	529.55	530.55	531.55	532.55	533.55	534.55	535.55	536.55
8½	540.15	541.15	542.15	543.15	544.15	545.15	546.15	547.15	548.15	549.15	550.15	551.15	552.15	553.15	554.15	555.15	556.15	557.15	558.15	559.15	560.15	561.15
9	564.75	565.75	566.75	567.75	568.75	569.75	570.75	571.75	572.75	573.75	574.75	575.75	576.75	577.75	578.75	579.75	580.75	581.75	582.75	583.75	584.75	585.75
9½	589.35	590.35	591.35	592.35	593.35	594.35	595.35	596.35	597.35	598.35	599.35	600.35	601.35	602.35	603.35	604.35	605.35	606.35	607.35	608.35	609.35	610.35
10	613.95	614.95	615.95	616.95	617.95	618.95	619.95	620.95	621.95	622.95	623.95	624.95	625.95	626.95	627.95	628.95	629.95	630.95	631.95	632.95	633.95	634.95
10½	638.55	639.55	640.55	641.55	642.55	643.55	644.55	645.55	646.55	647.55	648.55	649.55	650.55	651.55	652.55	653.55	654.55	655.55	656.55	657.55	658.55	659.55
11	663.15	664.15	665.15	666.15	667.15	668.15	669.15	670.15	671.15	672.15	673.15	674.15	675.15	676.15	677.15	678.15	679.15	680.15	681.15	682.15	683.15	684.15
11½	687.75	688.75	689.75	690.75	691.75	692.75	693.75	694.75	695.75	696.75	697.75	698.75	699.75	700.75	701.75	702.75	703.75	704.75	705.75	706.75	707.75	708.75
12	712.35	713.35	714.35	715.35	716.35	717.35	718.35	719.35	720.35	721.35	722.35	723.35	724.35	725.35	726.35	727.35	728.35	729.35	730.35	731.35	732.35	733.35
12½	736.95	737.95	738.95	739.95	740.95	741.95	742.95	743.95	744.95	745.95	746.95	747.95	748.95	749.95	750.95	751.95	752.95	753.95	754.95	755.95	756.95	757.95
13	761.55	762.55	763.55	764.55	765.55	766.55	767.55	768.55	769.55	770.55	771.55	772.55	773.55	774.55	775.55	776.55	777.55	778.55	779.55	780.55	781.55	782.55
13½	786.15	787.15	788.15	789.15	790.15	791.15	792.15	793.15	794.15	795.15	796.15	797.15	798.15	799.15	800.15	801.15	802.15	803.15	804.15	805.15	806.15	807.15
14	810.75	811.75	812.75	813.75	814.75	815.75	816.75	817.75	818.75	819.75	820.75	821.75	822.75	823.75	824.75	825.75	826.75	827.75	828.75	829.75	830.75	831.75
14½	835.35	836.35	837.35	838.35	839.35	840.35	841.35	842.35	843.35	844.35	845.35	846.35	847.35	848.35	849.35	850.35	851.35	852.35	853.35	854.35	855.35	856.35
15	859.95	860.95	861.95	862.95	863.95	864.95	865.95	866.95	867.95	868.95	869.95	870.95	871.95	872.95	873.95	874.95	875.95	876.95	877.95	878.95	879.95	880.95
15½	884.55	885.55	886.55	887.55	888.55	889.55	890.55	891.55	892.55	893.55	894.55	895.55	896.55	897.55	898.55	899.55	900.55	901.55	902.55	903.55	904.55	905.55

ILLINOIS STEEL COMPANY

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

Thickness, Inches	WIDTH, INCHES																
	121 $\frac{1}{2}$	122	122 $\frac{1}{2}$	123	123 $\frac{1}{2}$	123 $\frac{3}{4}$	124	124 $\frac{1}{2}$	124 $\frac{3}{4}$	125	125 $\frac{1}{2}$	125 $\frac{3}{4}$	126	126 $\frac{1}{2}$	126 $\frac{3}{4}$	127	
$\frac{1}{8}$	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
$\frac{3}{16}$	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
$\frac{1}{4}$	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
$\frac{5}{16}$	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
$\frac{3}{8}$	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
$\frac{7}{16}$	206.55	206.96	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
$\frac{1}{2}$	232.37	232.85	233.33	233.80	234.28	234.76	235.24	235.72	236.19	236.67	237.15	237.63	238.11	238.58	239.06	239.54	240.02
$\frac{5}{8}$	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
$\frac{3}{4}$	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
$\frac{7}{8}$	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
1	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
$1\frac{1}{8}$	361.46	362.21	362.95	363.69	364.44	365.18	365.93	366.67	367.41	368.16	368.90	369.64	370.39	371.13	371.88	372.62	373.36
$1\frac{3}{8}$	387.28	388.08	388.88	389.67	390.47	391.27	392.06	392.86	393.66	394.45	395.25	396.05	396.84	397.64	398.44	399.23	400.03
$1\frac{1}{2}$	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
$1\frac{3}{4}$	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
$1\frac{7}{8}$	516.38	517.44	518.50	519.56	520.63	521.69	522.75	523.81	524.88	525.94	527.00	528.06	529.13	530.19	531.25	532.31	533.38
$1\frac{9}{8}$	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
$1\frac{5}{8}$	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
$1\frac{7}{8}$	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
$1\frac{9}{8}$	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
$1\frac{7}{4}$	774.56	776.16	777.75	779.34	780.94	782.53	784.13	785.73	787.31	788.91	790.50	792.09	793.68	795.28	796.88	798.47	800.06
$1\frac{9}{8}$	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
$1\frac{7}{8}$	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
$1\frac{9}{8}$	928.48	931.39	933.30	935.21	937.13	939.04	940.95	942.86	944.77	946.69	948.60	950.51	952.42	954.34	956.25	958.16	960.08

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL—Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES															
	127½	127¼	127	126¾	126½	126¼	126	125¾	125½	125¼	125	124¾	124½	124¼	124	123¾
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
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
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
¾	162.24	162.56	162.88	163.20	163.52	163.84	164.16	164.48	164.79	165.11	165.43	165.75	166.07	166.39	166.71	167.02
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
¾	216.33	216.75	217.17	217.59	218.01	218.43	218.85	219.27	219.69	220.11	220.53	220.95	221.37	221.79	222.21	222.63
¾	243.37	243.84	244.32	244.80	245.28	245.76	246.24	246.71	247.19	247.67	248.15	248.63	249.10	249.58	250.06	250.54
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
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
¾	324.49	325.13	325.76	326.40	327.04	327.68	328.32	328.96	329.60	330.24	330.88	331.52	332.16	332.80	333.44	334.08
¾	351.53	352.22	352.91	353.60	354.29	354.98	355.67	356.36	357.05	357.74	358.43	359.12	359.81	360.50	361.19	361.88
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
¾	405.61	406.41	407.20	408.00	408.80	409.60	410.40	411.20	412.00	412.80	413.60	414.40	415.20	416.00	416.80	417.60
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
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
¾	540.81	541.88	542.94	544.01	545.08	546.15	547.22	548.29	549.36	550.43	551.50	552.57	553.64	554.71	555.78	556.85
¾	594.89	595.96	597.03	598.10	599.17	600.24	601.31	602.38	603.45	604.52	605.59	606.66	607.73	608.80	609.87	610.94
¾	648.98	650.25	651.53	652.80	654.08	655.36	656.64	657.92	659.20	660.48	661.76	663.04	664.32	665.60	666.88	668.16
¾	703.06	704.44	705.82	707.20	708.58	709.96	711.34	712.72	714.10	715.48	716.86	718.24	719.62	721.00	722.38	723.76
¾	757.14	758.63	760.11	761.60	763.09	764.58	766.07	767.56	769.05	770.54	772.03	773.52	775.01	776.50	777.99	779.48
¾	811.22	812.81	814.41	816.01	817.61	819.21	820.81	822.41	824.01	825.61	827.21	828.81	830.41	832.01	833.61	835.21
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
¾	919.38	921.19	923.00	924.81	926.62	928.43	930.24	932.05	933.86	935.67	937.48	939.29	941.10	942.91	944.72	946.53
¾	973.46	975.37	977.28	979.19	981.10	983.01	984.92	986.83	988.74	990.65	992.56	994.47	996.38	998.29	1000.20	1002.11

ILLINOIS STEEL COMPANY

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

Thickness Inches	WIDTH, INCHES																		
	132½	132¾	133	133¼	133½	133¾	134	134¼	134½	134¾	135	135¼	135½	135¾	136	136¼	136½	136¾	137
⅜	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
½	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
⅝	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
¾	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
⅞	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
1	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
1¼	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
1½	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
1¾	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
2	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
2¼	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
2½	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
2¾	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
3	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
3¼	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
3½	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
3¾	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
4	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
4¼	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
4½	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
4¾	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
5	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																		
	137½	137¾	138	138¼	138½	138¾	139	139¼	139½	139¾	140	140¼	140½	140¾	141	141¼	141½	141¾	
⅛	145.83	146.09	146.36	146.63	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
¼	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
⅜	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
½	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
⅝	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
¾	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
⅞	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
1	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
1 ⅛	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
1 ¼	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 ⅜	437.48	438.28	439.08	439.87	440.67	441.47	442.27	443.06	443.86	444.65	445.45	446.25	447.05	447.84	448.64	449.44	450.23	451.03	451.83
1 ½	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 ⅝	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 ¾	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 ⅞	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
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
2 ⅛	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 ¼	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 ⅜	874.97	876.56	878.16	879.75	881.34	882.94	884.53	886.12	887.72	889.31	890.91	892.50	894.09	895.69	897.28	898.87	900.47	902.06	903.66
2 ½	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 ⅞	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
3	1049.96	1051.87	1053.79	1055.70	1057.61	1059.52	1061.44	1063.35	1065.26	1067.17	1069.08	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

Thickness, Inches	142	142½	142¾	143	143¼	143½	143¾	144	144¼	144½	144¾	145	145¼	145½	145¾	146	146¼	146½
¼	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
⅜	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
½	211.22	211.60	211.97	212.34	212.71	213.08	213.46	213.83	214.20	214.57	214.94	215.30	215.69	216.06	216.43	216.80	217.17	217.55
¾	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
1	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	279.23	279.70
1¼	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
1½	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
1¾	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
2	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	404.01
2¼	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
2½	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
2¾	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
3	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
3¼	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
3½	573.30	574.31	575.32	576.33	577.34	578.35	579.36	580.37	581.38	582.39	583.40	584.41	585.42	586.43	587.44	588.45	589.46	590.47
3¾	603.45	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
4	633.60	634.72	635.84	636.96	638.08	639.19	640.31	641.43	642.54	643.66	644.78	645.89	647.01	648.12	649.24	650.35	651.47	652.58
4¼	663.75	664.91	666.07	667.23	668.39	669.54	670.70	671.86	673.01	674.17	675.32	676.47	677.62	678.77	679.92	681.07	682.22	683.37
4½	693.90	695.10	696.30	697.50	698.70	699.90	701.10	702.30	703.50	704.70	705.90	707.10	708.30	709.50	710.70	711.90	713.10	714.30
4¾	724.05	725.35	726.65	727.95	729.25	730.55	731.85	733.15	734.45	735.75	737.05	738.35	739.65	740.95	742.25	743.55	744.85	746.15
5	754.20	755.55	756.90	758.25	759.60	760.95	762.30	763.65	765.00	766.35	767.70	769.05	770.40	771.75	773.10	774.45	775.80	777.15
5¼	784.35	785.75	787.15	788.55	789.95	791.35	792.75	794.15	795.55	796.95	798.35	799.75	801.15	802.55	803.95	805.35	806.75	808.15
5½	814.50	816.00	817.50	819.00	820.50	822.00	823.50	825.00	826.50	828.00	829.50	831.00	832.50	834.00	835.50	837.00	838.50	840.00
5¾	844.65	846.20	847.75	849.30	850.85	852.40	853.95	855.50	857.05	858.60	860.15	861.70	863.25	864.80	866.35	867.90	869.45	871.00
6	874.80	876.45	878.10	879.75	881.40	883.05	884.70	886.35	888.00	889.65	891.30	892.95	894.60	896.25	897.90	899.55	901.20	902.85
6¼	904.95	906.65	908.35	910.05	911.75	913.45	915.15	916.85	918.55	920.25	921.95	923.65	925.35	927.05	928.75	930.45	932.15	933.85
6½	935.10	936.85	938.60	940.35	942.10	943.85	945.60	947.35	949.10	950.85	952.60	954.35	956.10	957.85	959.60	961.35	963.10	964.85
6¾	965.25	967.05	968.85	970.65	972.45	974.25	976.05	977.85	979.65	981.45	983.25	985.05	986.85	988.65	990.45	992.25	994.05	995.85
7	1005.40	1007.25	1009.10	1010.95	1012.80	1014.65	1016.50	1018.35	1020.20	1022.05	1023.90	1025.75	1027.60	1029.45	1031.30	1033.15	1035.00	1036.85
7¼	1035.55	1037.45	1039.35	1041.25	1043.15	1045.05	1046.95	1048.85	1050.75	1052.65	1054.55	1056.45	1058.35	1060.25	1062.15	1064.05	1065.95	1067.85
7½	1065.70	1067.65	1069.60	1071.55	1073.50	1075.45	1077.40	1079.35	1081.30	1083.25	1085.20	1087.15	1089.10	1091.05	1093.00	1094.95	1096.90	1098.85

WEIGHTS OF FLAT ROLLED STEEL

WEIGHTS OF FLAT ROLLED STEEL—Pounds Per Lineal Foot

TABLE IV—Continued

Thickness, Inches	WIDTH, INCHES																		
	146 $\frac{3}{4}$	147	147 $\frac{1}{4}$	147 $\frac{1}{2}$	147 $\frac{3}{4}$	148	148 $\frac{1}{4}$	148 $\frac{1}{2}$	148 $\frac{3}{4}$	149	149 $\frac{1}{4}$	149 $\frac{1}{2}$	149 $\frac{3}{4}$	150	150 $\frac{1}{4}$	150 $\frac{1}{2}$	150 $\frac{3}{4}$	151	151 $\frac{1}{4}$
$\frac{1}{16}$	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	160.70
$\frac{1}{8}$	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	192.84
$\frac{3}{16}$	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	224.98
$\frac{1}{4}$	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	257.12
$\frac{5}{16}$	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	289.27
$\frac{3}{8}$	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	321.41
$\frac{7}{16}$	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	353.55
$\frac{1}{2}$	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	383.13	383.77	384.41	385.05	385.69
$\frac{9}{16}$	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	417.83
$\frac{5}{8}$	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	449.22	449.97
$\frac{3}{4}$	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	482.11
1	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	514.25
$1\frac{1}{16}$	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	578.53
$1\frac{1}{8}$	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	642.81
$1\frac{1}{4}$	696.06	697.22	698.39	699.56	700.73	701.90	703.07	704.24	705.41	706.57	707.74	708.91	710.08	711.25	712.42	713.59	714.76	715.92	717.09
$1\frac{3}{8}$	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	771.37
$1\frac{1}{2}$	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	835.66
$1\frac{5}{8}$	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	899.94
$1\frac{3}{4}$	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	964.22
2	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	1028.50
$2\frac{1}{4}$	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	1092.78
$2\frac{3}{4}$	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	1157.06

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL—Pounds Per Lineal Foot

TABLE IV—Continued

Thick- ness, Inches	WIDTH, INCHES																		
	151½	151¾	152	152¼	152½	152¾	153	153¼	153½	153¾	154	154¼	154½	154¾	155	155¼	155½	155¾	156
¾	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
¾	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
1	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	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
1	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
1	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	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
1	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	397.15	397.80
1	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	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	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	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	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
1	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	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
1	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
1	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	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	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	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	666.19	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	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	18.3	18.8	19.5
No. 11	6.8	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	16.6	17.2	17.9	18.6	19.2	19.9	20.6	21.3
No. 10	7.6	8.1	8.6	9.1	9.7	10.2	10.8	11.4	11.9	12.5	13.1	13.8	14.4	15.1	15.8	16.5	17.2	17.9	18.6	19.4	20.2	21.0	21.8	22.6	23.4
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	23.9	24.8	25.8
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	27.8	28.8
¾	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	31.4	32.4
⅝	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	42.1	43.5
⅜	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	45.2	47.0	48.8	50.7	52.6	54.5
⅞	21.4	22.7	24.1	25.6	27.0	28.5	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	63.0	65.2
1	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	73.6	76.2
1 1/8	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	69.5	72.4	75.2	78.1	81.1	84.1	87.1
1 1/4	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	63.4	66.2	69.1	72.1	75.1	78.2	81.4	84.6	87.9	91.3	94.7	98.1
1 1/2	35.6	37.9	40.2	42.6	45.1	47.6	50.2	52.9	55.6	58.5	61.4	64.3	67.3	70.4	73.6	76.8	80.1	83.5	86.9	90.4	94.0	97.7	101.4	105.1	108.8
1 3/4	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	115.6	119.7
2	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	125.7	129.7
2 1/8	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	44.8	46.8
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	30.0	30.9	31.8	32.7	34.6	36.6	38.6	40.6	42.7	44.9	47.1	49.4	51.6
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	55.1	57.6
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	60.9	63.7
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	67.9	71.0
¾	31.6	32.7	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	54.1	57.1	60.2	63.5	66.8	70.1	73.6	77.1	80.6
⅝	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	72.1	76.2	80.3	84.6	89.0	93.5	98.1	102.7	107.3
⅜	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	128.5	134.3
1	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	154.1	161.0
1 1/8	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	112.6	115.9	119.3	126.3	133.3	140.6	148.1	155.8	163.7	171.7	179.7	187.7
1 1/4	84.1	87.2	90.4	93.6	96.8	100.1	103.5	106.9	110.4	114.0	117.5	121.2	124.9	128.6	132.4	136.2	144.2	152.3	160.7	169.2	178.0	187.0	196.3	205.7	215.1
1 1/2	95.7	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	149.0	153.3	162.2	171.4	180.7	190.4	200.3	210.4	220.8	231.2	241.6
1 3/4	107.2	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	256.8	268.3
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	282.6	295.4
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	308.2	322.0

WEIGHTS OF FLAT ROLLED STEEL

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

Thickness and Inches		DIAMETER, INCHES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
		43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
No. 12	1/8	44.8	47.0	49.1	51.3	53.6	55.9	58.2	60.6	63.1	65.6	68.1	70.7	73.4	76.1	78.8	81.6	84.4	87.3	90.3	93.2	96.3	99.4	102.5	105.7	108.9	112.2	115.5	118.9	122.3	125.7	129.3	132.8	136.4	140.2	144.2	148.2	152.3	156.5	160.8	165.2	169.7	174.3	179.0	183.8	188.7	193.7	198.8	204.0	209.3	214.7	220.2	225.8	231.5	237.3	243.2	249.2	255.3	261.5	267.8	274.2	280.7	287.3	294.0	300.8	307.7	314.7	321.8	329.0	336.3	343.7	351.2	358.8	366.5	374.3	382.2	390.2	398.3	406.5	414.8	423.2	431.7	440.3	449.0	457.8	466.7	475.7	484.8	494.0	503.3	512.7	522.2	531.8	541.5	551.3	561.2	571.2	581.3	591.5	601.8	612.2	622.7	633.3	644.0	654.8	665.7	676.7	687.8	699.0	710.3	721.7	733.2	744.8	756.5	768.3	780.2	792.2	804.3	816.5	828.8	841.2	853.7	866.3	879.0	891.8	904.7	917.7	930.8	944.0	957.3	970.7	984.2	997.8	1011.5	1025.3	1039.2	1053.2	1067.3	1081.5	1095.8	1110.2	1124.7	1139.3	1154.0	1168.8	1183.7	1198.7	1213.8	1229.0	1244.3	1259.7	1275.2	1290.8	1306.5	1322.3	1338.2	1354.2	1370.3	1386.5	1402.8	1419.2	1435.7	1452.3	1469.0	1485.8	1502.7	1519.7	1536.8	1554.0	1571.3	1588.7	1606.2	1623.8	1641.5	1659.3	1677.2	1695.2	1713.3	1731.5	1749.8	1768.2	1786.7	1805.3	1824.0	1842.8	1861.7	1880.7	1899.8	1919.0	1938.3	1957.7	1977.2	1996.8	2016.5	2036.3	2056.2	2076.2	2096.3	2116.5	2136.8	2157.2	2177.7	2198.3	2219.0	2239.8	2260.7	2281.7	2302.8	2324.0	2345.3	2366.7	2388.2	2409.8	2431.5	2453.3	2475.2	2497.2	2519.3	2541.5	2563.8	2586.2	2608.7	2631.3	2654.0	2676.8	2699.7	2722.7	2745.8	2769.0	2792.3	2815.7	2839.2	2862.8	2886.5	2910.3	2934.2	2958.2	2982.3	3006.5	3030.8	3055.2	3079.7	3104.3	3129.0	3153.8	3178.7	3203.7	3228.8	3254.0	3279.3	3304.7	3330.3	3356.0	3381.8	3407.7	3433.7	3459.8	3486.0	3512.3	3538.7	3565.2	3591.8	3618.5	3645.3	3672.2	3699.2	3726.3	3753.5	3780.8	3808.2	3835.7	3863.3	3891.0	3918.8	3946.7	3974.7	4002.8	4031.0	4059.3	4087.7	4116.2	4144.8	4173.5	4202.3	4231.2	4260.2	4289.3	4318.5	4347.8	4377.2	4406.7	4436.3	4466.0	4495.8	4525.7	4555.7	4585.8	4616.0	4646.3	4676.7	4707.2	4737.8	4768.5	4799.3	4830.2	4861.2	4892.3	4923.5	4954.8	4986.2	5017.7	5049.3	5081.0	5112.8	5144.7	5176.7	5208.8	5241.0	5273.3	5305.7	5338.2	5370.8	5403.5	5436.3	5469.2	5502.2	5535.3	5568.5	5601.8	5635.2	5668.7	5702.3	5736.0	5769.8	5803.7	5837.7	5871.8	5906.0	5940.3	5974.7	6009.2	6043.8	6078.5	6113.3	6148.2	6183.2	6218.3	6253.5	6288.8	6324.2	6359.7	6395.3	6431.0	6466.8	6502.7	6538.7	6574.8	6611.0	6647.3	6683.7	6720.2	6756.8	6793.5	6830.3	6867.2	6904.2	6941.3	6978.5	7015.8	7053.2	7090.7	7128.3	7166.0	7203.8	7241.7	7279.7	7317.8	7356.0	7394.3	7432.7	7471.2	7509.8	7548.5	7587.3	7626.2	7665.2	7704.3	7743.5	7782.8	7822.2	7861.7	7901.3	7941.0	7980.8	8020.7	8060.7	8100.8	8141.0	8181.3	8221.7	8262.2	8302.8	8343.5	8384.3	8425.2	8466.2	8507.3	8548.5	8589.8	8631.2	8672.7	8714.3	8756.0	8797.8	8839.7	8881.7	8923.8	8966.0	9008.3	9050.7	9093.2	9135.8	9178.5	9221.3	9264.2	9307.2	9350.3	9393.5	9436.8	9480.2	9523.7	9567.3	9611.0	9654.8	9698.7	9742.7	9786.8	9831.0	9875.3	9919.7	9964.2	10008.8	10053.5	10098.3	10143.2	10188.2	10233.3	10278.5	10323.8	10369.2	10414.7	10460.3	10506.0	10551.8	10597.7	10643.7	10689.8	10736.0	10782.3	10828.7	10875.2	10921.8	10968.5	11015.3	11062.2	11109.1	11156.1	11203.2	11250.4	11297.7	11345.1	11392.6	11440.2	11487.9	11535.7	11583.6	11631.6	11679.7	11727.9	11776.2	11824.6	11873.1	11921.7	11970.4	12019.2	12068.1	12117.1	12166.2	12215.4	12264.7	12314.2	12363.8	12413.5	12463.3	12513.2	12563.3	12613.5	12663.8	12714.2	12764.7	12815.3	12866.0	12916.8	12967.7	13018.7	13069.8	13121.0	13172.3	13223.7	13275.2	13326.8	13378.5	13430.3	13482.2	13534.2	13586.3	13638.5	13690.8	13743.2	13795.7	13848.3	13901.0	13953.8	14006.7	14059.7	14112.8	14166.0	14219.3	14272.7	14326.2	14379.8	14433.5	14487.3	14541.2	14595.2	14649.3	14703.5	14757.8	14812.2	14866.7	14921.7	14976.8	15032.0	15087.3	15142.7	15198.2	15253.8	15309.5	15365.3	15421.2	15477.2	15533.3	15589.5	15645.8	15702.2	15758.7	15815.3	15872.0	15928.8	15985.7	16042.7	16099.8	16157.0	16214.3	16271.7	16329.2	16386.8	16444.5	16502.3	16560.2	16618.2	16676.3	16734.5	16792.8	16851.2	16909.7	16968.3	17027.0	17085.8	17144.7	17203.7	17262.8	17322.0	17381.3	17440.7	17500.2	17559.8	17619.5	17679.3	17739.2	17799.2	17859.3	17919.5	17979.8	18040.2	18100.7	18161.3	18222.0	18282.8	18343.7	18404.7	18465.8	18527.0	18588.3	18649.7	18711.2	18772.8	18834.5	18896.3	18958.2	19020.2	19082.3	19144.5	19206.8	19269.2	19331.7	19394.3	19457.0	19519.8	19582.7	19645.7	19708.8	19772.0	19835.3	19898.7	19962.2	20025.8	20089.5	20153.3	20217.2	20281.2	20345.3	20409.5	20473.8	20538.2	20602.7	20667.3	20732.0	20796.8	20861.7	20926.7	20991.8	21057.0	21122.3	21187.7	21253.2	21318.8	21384.5	21450.3	21516.2	21582.2	21648.3	21714.5	21780.8	21847.2	21913.7	21980.3	22047.0	22113.8	22180.7	22247.7	22314.8	22382.0	22449.3	22516.7	22584.2	22651.8	22719.5	22787.3	22855.2	22923.2	22991.3	23059.5	23127.8	23196.2	23264.7	23333.3	23402.0	23470.8	23539.7	23608.7	23677.8	23747.0	23816.3	23885.7	23955.2	24024.8	24094.5	24164.3	24234.2	24304.2	24374.3	24444.5	24514.8	24585.2	24655.7	24726.3	24797.0	24867.8	24938.7	25009.7	25080.8	25152.0	25223.3	25294.7	25366.2	25437.8	25509.5	25581.3	25653.2	25725.2	25797.3	25869.5	25941.8	26014.2	26086.7	26159.3	26232.0	26304.8	26377.7	26450.7	26523.8	26597.0	26670.3	26743.7	26817.2	26890.8	26964.5	27038.3	27112.2	27186.2	27260.3	27334.5	27408.8	27483.2	27557.7	27632.3	27707.0	27781.8	27856.7	27931.7	28006.8	28082.0	28157.3	28232.7	28308.2	28383.8	28459.5	28535.3	28611.2	28687.2	28763.3	28839.5	28915.8	28992.2	29068.7	29145.3	29222.0	29298.8	29375.7	29452.7	29529.8	29607.0	29684.3	29761.7	29839.2	29916.8	29994.5	30072.3	30150.2	30228.2	30306.3	30384.5	30462.8	30541.2	30619.7	30698.3	30777.0	30855.8	30934.7	31013.7	31092.8	31172.0	31251.3	31330.7	31410.2	31489.8	31569.5	31649.3	31729.2	31809.2	31889.3	31969.5	32049.7	32129.9	32210.2	32290.6	32371.1	32451.7	32532.4	32613.2	32694.1	32775.1	32856.2	32937.4	33018.7	33100.1	33181.6	33263.2	33344.9	33426.7	33508.6	33590.6	33672.7	33754.9	33837.2	33919.6	34002.1	34084.7	34167.4	34250.2	34333.1	34416.1	34499.2	34582.4	34665.7	34749.1	34832.6	34916.2	35000.0	35083.9	35167.9	35252.0	35336.2	35420.5	35504.9	35589.4	35674.0	35758.7	35843.5	35928.4	36013.4	36098.5	36183.7	36269.0	36354.4	36439.9	36525.5	36611.2	36697.0	36782.8	36868.7	36954.7	37040.8	37127.0	37213.3	37300.0	37386.7	37473.5	37560.4	37647.4	37734.5	37821.7	37909.0	38000.0	38090.0	38180.0	38270.0	38360.0	38450.0	38540.0	38630.0	38720.0	38810.0	38900.0	38990.0	39080.0	39170.0	39260.0	39350.0	39440.0	39530.0	39620.0	39710.0	39800.0	39890.0	39980.0	40070.0	40160.0	40250.0	40340.0	40430.0	40520.0	40610.0	40700.0	40790.0	40880.0	40970.0	41060.0	41150.0	41240.0	41330.0	41420.0	41510.0	41600.0	41690.0	41780.0	41870.0	41960.0	42050.0	42140.0	42230.0	42320.0	42410.0	42500.0	42590.0	42680.0	42770.0	42860.0	42950.0	43040.0	43130.0	43220.0	43310.0	43400.0	43490.0	43580.0	43670.0	43760.0	43850.0	43940.0	44030.0	44120.0	44210.0	44300.0	44390.0	44480.0	44570.0	44660.0	44750.0	44840.0	44930.0	45020.0	45110.0	45200.0	45290.0	45380.0	45470.0	45560.0	45650.0	45740.0	45830.0	45920.0	46010.0	46100.0	46190.0	46280.0	46370.0	46460.0	46550.0	46640.0	46730.0	46820.0	46910.0	47000.0	47090.0	47180.0	47270.0	47360.0	47450.0	47540.0	47630.0	47720.0	47810.0	47900.0	47990.0	48080.0	48170.0	48260.0	48350.0	48440.0	48530.0	48620.0	48710.0	48800.0	48890.0	48980.0	49070.0	49160.0	49250.0	49340.0	49430.0	49520.0	49610.0	49700.0	49790.0	49880.0	49970.0	50060.0	50150.0	50240.0	50330.0	50420.0	50510.0	50600.0	50690.0	50780.0	50870.0	50960.0	51050.0	51140.0	51230.0	51320.0	51410.0	51500.0	51590.0	51680.0	51770.0	51860.0	51950.0	52040.0	52130.0	52220.0	52310.0	52400.0	52490.0	52580.0	52670.0	52760.0	52850.0	52940.0	53030.0	53120.0	53210.

ILLINOIS STEEL COMPANY

WEIGHTS OF FLAT ROLLED STEEL—CIRCLES—Pounds Each

TABLE V.—Concluded

DIAMETER, INCHES

Thickness, Inches	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
1/16	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
1/8	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
3/16	440.7	450.6	460.7	470.9	481.2	491.6	502.1	512.7	523.4	534.3	545.3	556.3	567.8	578.8	590.2	601.7	613.3	625.1	636.9	648.9	661.0	673.2	685.4
1/4	550.8	563.3	575.9	588.6	601.5	614.5	627.6	640.9	654.3	667.9	681.6	695.4	709.4	723.5	737.8	752.2	766.7	781.4	796.2	811.1	826.2	841.4	856.8
5/16	661.0	675.9	691.0	706.3	721.7	737.3	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
3/8	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	1073.2	1093.5	1114.6	1135.6	1156.7	1178.0	1199.5
7/16	881.3	901.2	921.4	941.7	962.3	983.1	1004.2	1025.4	1046.9	1068.6	1090.5	1112.6	1135.0	1157.6	1180.4	1203.4	1226.7	1250.2	1273.9	1297.8	1321.9	1346.3	1370.9
1/2	991.5	1013.9	1036.6	1059.5	1082.6	1106.0	1129.7	1153.6	1177.8	1202.2	1226.8	1251.7	1276.9	1302.3	1328.0	1353.9	1380.0	1406.4	1433.1	1460.0	1487.2	1514.6	1542.3
5/8	1101.7	1126.6	1151.7	1177.2	1202.9	1228.9	1255.2	1281.8	1308.6	1335.7	1363.1	1390.8	1418.8	1447.0	1475.5	1504.3	1533.4	1562.7	1592.3	1622.2	1652.4	1682.9	1713.6
3/4	1211.8	1239.2	1266.9	1294.9	1323.2	1351.8	1380.7	1409.9	1439.4	1469.3	1499.4	1529.9	1560.6	1591.7	1623.1	1654.8	1686.7	1718.9	1751.6	1784.5	1817.7	1851.2	1885.0
7/8	1322.0	1351.9	1382.1	1412.6	1443.5	1474.7	1506.2	1538.1	1570.3	1602.9	1635.8	1668.9	1702.5	1736.4	1770.6	1805.2	1840.3	1875.9	1911.8	1948.1	1984.7	2021.5	2058.5
1	1432.2	1464.5	1497.2	1530.3	1563.8	1597.6	1631.8	1666.3	1701.2	1736.5	1772.1	1808.1	1844.4	1881.1	1918.2	1955.6	1993.4	2031.5	2070.0	2108.9	2148.1	2187.7	2227.7
1 1/8	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	2313.1	2355.4	2398.0
1 1/4	1652.5	1689.8	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	2300.1	2344.1	2388.5	2433.4	2478.6	2524.3	2570.4
1 1/2	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	2315.1	2360.6	2406.9	2453.4	2500.3	2547.7	2595.6	2643.9	2692.6	2741.8

Thickness

WEIGHTS OF ROUND EDGE FLATS

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

Face Measure, Inches	Thickness, B. W. G. and Inches																																																																																																																																																																													
	No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	1/16	1/8	3/16	1/4	5/16	3/8	1/2																																																																																																																																																																	
1/16	132	153	170	192	215	243	281	398	514	645	778	898	1012	1120	1221	1316	1406	1491	1572	1648	1719	1786	1849	1908	1963	2015	2064	2110	2154	2195	2233	2269	2303	2333	2358	2381	2400	2416	2429	2440	2449	2456	2461	2465	2468	2471	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600

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	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$					
$2\frac{1}{2}$	.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	8.590	9.189	9.798
$2\frac{1}{4}$	.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	6.350	6.985	7.562	8.316	8.952	9.587	10.223
$2\frac{3}{8}$	.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
$2\frac{1}{2}$	.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
$3\frac{1}{8}$		1.445	1.599	1.765	1.947	2.084	2.730	3.496	4.151	4.876	5.610	6.359	7.105	7.851	8.597	9.352	10.087	10.851	11.615	12.379	13.143
$3\frac{1}{4}$		1.502	1.661	1.856	2.114	2.837	3.569	4.311	5.062	5.822	6.638	7.370	8.103	8.837	9.697	10.431	11.181	11.923	12.665	13.407	14.149
$3\frac{3}{8}$		1.559	1.724	1.926	2.193	2.943	3.702	4.470	5.248	6.035	6.847	7.116	7.902	8.688	9.474	10.388	11.183	11.978	12.773	13.568	14.363
$3\frac{1}{2}$		1.616	1.787	1.996	2.273	3.049	3.835	4.630	5.434	6.247	7.116	7.902	8.688	9.474	10.388	11.183	11.978	12.773	13.568	14.363	15.158
$3\frac{3}{4}$							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	14.019	14.840
$3\frac{1}{2}$							3.262	4.100	4.948	5.806	6.672	7.594	8.433	9.272	10.112	11.073	11.927	12.775	13.623	14.471	15.319
$3\frac{3}{4}$							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	14.923
$4\frac{1}{8}$							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	15.374
$4\frac{1}{4}$							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	15.826	16.754
$4\frac{3}{8}$							3.687	4.632	5.586	6.549	7.522	8.550	9.495	10.441	11.387	12.460	13.414	14.369	15.323	16.277	17.231
$4\frac{1}{2}$							3.793	4.764	5.745	6.735	7.735	8.789	9.761	10.733	11.706	12.805	13.814	14.869	15.874	16.879	17.884
$4\frac{3}{4}$							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	17.180	18.187
$4\frac{1}{2}$							4.005	5.030	6.064	7.107	8.160	9.267	10.292	11.318	12.343	13.496	14.530	15.564	16.598	17.632	18.666
$4\frac{3}{4}$							4.112	5.163	6.223	7.293	8.372	9.506	10.568	11.612	12.662	13.841	14.926	15.962	17.023	18.084	19.145
$4\frac{1}{2}$							4.218	5.296	6.383	7.479	8.585	9.746	10.824	11.922	12.981	14.186	15.273	16.361	17.448	18.535	19.622
$4\frac{3}{4}$							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	18.986	20.099
$5\frac{1}{8}$							4.430	5.691	6.701	7.851	9.010	10.224	11.355	12.486	13.618	14.877	16.017	17.158	18.298	19.439	20.580
$5\frac{1}{4}$							4.537	5.694	6.861	8.037	9.222	10.463	11.620	12.778	13.937	15.222	16.369	17.556	18.723	19.890	21.057
$5\frac{3}{8}$							4.643	5.827	7.020	8.223	9.435	10.702	11.886	13.071	14.256	15.568	16.761	17.955	19.148	20.341	21.534
$5\frac{1}{2}$							4.749	5.960	7.180	8.409	9.647	10.941	12.152	13.363	14.574	15.913	17.133	18.353	19.573	20.793	22.013
$5\frac{3}{4}$							4.855	6.093	7.339	8.595	9.860	11.180	12.417	13.655	14.893	16.258	17.505	18.752	19.998	21.244	22.490
$5\frac{1}{2}$							4.962	6.225	7.498	8.781	10.072	11.419	12.683	13.947	15.212	16.504	17.877	19.148	20.419	21.690	22.961
$5\frac{3}{4}$							5.068	6.358	7.658	8.966	10.285	11.658	12.949	14.239	15.531	16.904	18.248	19.548	20.848	22.148	23.448
$6\frac{1}{8}$							5.174	6.491	7.817	9.152	10.497	11.897	13.214	14.532	15.849	17.294	18.620	19.947	21.273	22.600	23.927

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

Thickness, B. W. G. and Inches

No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{7}{8}$	2	
.0475	.0545	.0600	.0670	.0740	.0825	$\frac{1}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{3}{8}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2

Increment, Inches

WEIGHTS OF ROUND EDGE FLATS

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

Thickness, B. W. G. and Inches

Over-all Measure, Inches	Thickness, B. W. G. and Inches												
	No. 13	No. 12	No. 11	No. 10	No. 9	No. 8	3/8	1/2	5/8	3/4	7/8	1	
1/8	.117	.133	.146	.162	.177	.196	.221	.287	.348	.406	.466	.533	.600
1/4	.137	.156	.171	.190	.209	.232	.261	.340	.415	.486	.566	.646	.722
3/8	.157	.179	.197	.219	.240	.267	.301	.393	.481	.566	.646	.722	.800
1/2	.177	.202	.222	.247	.272	.302	.341	.446	.548	.645	.739	.828	.900
5/8	.197	.226	.248	.276	.303	.337	.380	.499	.614	.725	.832	.935	1.020
3/4	.217	.249	.273	.304	.335	.372	.420	.552	.680	.805	.925	1.041	1.139
7/8	.238	.272	.299	.333	.365	.407	.451	.605	.747	.884	1.018	1.147	1.259
1	.258	.295	.324	.361	.398	.442	.497	.659	.813	.964	1.111	1.253	1.378
1 1/8	.278	.318	.350	.389	.429	.477	.530	.712	.880	1.044	1.204	1.360	1.498
1 1/4	.298	.341	.375	.418	.461	.512	.560	.765	.946	1.123	1.297	1.466	1.617
1 1/2	.318	.365	.401	.446	.492	.547	.600	.818	1.013	1.203	1.390	1.572	1.737
1 3/4	.339	.388	.426	.475	.523	.582	.644	.871	1.079	1.283	1.483	1.678	1.856
1 7/8	.359	.411	.452	.503	.555	.617	.670	.924	1.145	1.362	1.575	1.785	1.976
2	.379	.434	.477	.532	.586	.652	.709	.977	1.212	1.442	1.668	1.891	2.096
2 1/8	.399	.457	.503	.560	.618	.687	.749	1.030	1.278	1.522	1.761	1.997	2.215
2 1/4	.419	.480	.528	.589	.649	.722	.789	1.084	1.345	1.601	1.854	2.103	2.335
2 1/2	.440	.503	.554	.617	.681	.757	.829	1.137	1.411	1.681	1.947	2.210	2.454
2 3/4	.460	.527	.579	.646	.712	.793	.863	1.190	1.477	1.761	2.040	2.316	2.574
2 7/8	.480	.550	.605	.674	.744	.829	.908	1.243	1.544	1.841	2.133	2.422	2.693
3	.500	.573	.630	.703	.775	.863	.946	1.296	1.610	1.920	2.226	2.528	2.813
3 1/8	.520	.596	.656	.731	.806	.898	.983	1.349	1.677	2.000	2.319	2.635	2.932
3 1/4	.540	.619	.681	.760	.838	.933	.979	1.358	1.703	2.042	2.371	2.701	3.022
3 1/2	.561	.642	.707	.788	.869	.968	.976	1.398	1.745	2.099	2.439	2.771	3.102
3 3/4	.581	.666	.732	.817	.901	1.003	.972	1.437	1.809	2.159	2.505	2.847	3.171
3 7/8	.601	.689	.758	.845	.931	1.038	.979	1.477	1.842	2.209	2.562	2.903	3.221
4	.621	.712	.783	.874	.964	1.073	.975	1.517	1.915	2.309	2.674	3.016	3.340
4 1/8	.641	.735	.809	.902	.995	1.108	.842	1.557	1.968	2.405	2.784	3.126	3.451
4 1/4	.662	.758	.834	.930	1.027	1.143	.869	1.597	2.021	2.558	2.970	3.322	3.653
4 1/2	.682	.781	.860	.959	1.059	1.178	.895	1.637	2.074	2.607	3.036	3.448	3.780
4 3/4	.702	.805	.885	.987	1.090	1.213	.922	1.677	2.127	2.674	3.106	3.521	3.853
4 7/8	.722	.828	.911	1.016	1.121	1.248	.948	1.717	2.182	2.724	3.156	3.591	3.949
5	.742	.851	.936	1.044	1.152	1.283	.975	1.757	2.240	2.797	3.249	3.697	4.051
5 1/8	.763	.874	.962	1.073	1.184	1.318	1.001	1.796	2.273	2.856	3.342	3.803	4.167
5 1/4	.783	.897	.987	1.101	1.215	1.354	1.028	1.836	2.304	3.036	3.528	4.016	4.486
5 1/2	.803	.920	1.013	1.130	1.247	1.389	1.054	1.876	2.336	3.116	3.621	4.122	4.606

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	1 1/8	1 1/4	1 1/2	1 3/4	
2 1/4	.843	.967	1.064	1.187	1.310	1.459	1.108	1.655	2.199	2.739	3.275	3.807	4.335	4.845	5.378	5.912	6.446
2 1/2	.884	1.013	1.115	1.244	1.373	1.529	1.161	1.735	2.305	2.872	3.434	3.993	4.547	5.084	5.644	6.204	6.765
2 3/4	.924	1.059	1.166	1.301	1.435	1.599	1.214	1.815	2.412	3.004	3.594	4.179	4.760	5.323	5.909	6.496	7.084
3	.964	1.106	1.217	1.358	1.498	1.669	1.267	1.895	2.518	3.138	3.753	4.365	4.972	5.562	6.175	6.789	7.402
3 1/4	1.415	1.561	1.739	1.320	1.974	2.624	3.270	3.912	4.551	5.185	5.801	6.441	7.081	7.721
3 1/2	1.472	1.624	1.809	1.373	2.054	2.730	3.403	4.072	4.736	5.397	6.040	6.706	7.373	8.040
3 3/4	1.528	1.687	1.879	1.426	2.134	2.837	3.536	4.231	4.922	5.610	6.279	6.972	7.665	8.359
3 1/2	1.585	1.750	1.950	1.479	2.213	2.943	3.669	4.391	5.108	5.822	6.518	7.238	7.957	8.677
3 3/4	2.373	3.155	3.934	4.709	5.480	6.247	6.996	7.769	8.534	9.315
3 1/2	2.452	3.262	4.067	4.869	5.666	6.460	7.235	8.034	8.834	9.634
4	2.532	3.368	4.200	5.028	5.852	6.672	7.474	8.300	9.126	9.952
4 1/4	3.474	4.333	5.187	6.038	6.885	7.713	8.566	9.418	10.271
4 1/2	3.560	4.466	5.347	6.224	7.097	7.953	8.831	9.710	10.593
4 3/4	3.687	4.598	5.506	6.410	7.310	8.192	9.067	9.957	10.909
4 1/2	3.793	4.731	5.666	6.596	7.522	8.431	9.363	10.295	11.227
4 3/4	3.899	4.864	5.825	6.782	7.735	8.670	9.628	10.587	11.546
4 1/2	4.005	4.997	5.984	6.968	7.947	8.909	9.894	10.879	11.865
4 3/4	4.112	5.130	6.144	7.154	8.160	9.148	10.159	11.171	12.184
5	4.218	5.263	6.303	7.340	8.372	9.387	10.425	11.464	12.502
5 1/4	4.324	5.395	6.462	7.525	8.585	9.636	10.691	11.756	12.821
5 1/2	4.430	5.528	6.622	7.711	8.797	9.865	10.956	12.048	13.140
5 3/4	4.537	5.661	6.781	7.897	9.010	10.104	11.222	12.340	13.459
5 1/2	4.643	5.794	6.941	8.083	9.222	10.343	11.488	12.632	13.777
5 3/4	4.749	5.927	7.100	8.269	9.435	10.582	11.753	12.925	14.096
5 1/2	4.855	6.059	7.259	8.455	9.647	10.821	12.019	13.217	14.415
5 3/4	4.962	6.192	7.419	8.641	9.860	11.060	12.284	13.509	14.734
6	5.068	6.325	7.578	8.827	10.072	11.299	12.550	13.801	15.052

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

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

Increment, Inches

WEIGHTS AND AREAS BARS

SQUARE AND ROUND BARS

TABLE X—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 1/4	44.678	35.090	13.141	10.321
2 3/8	14.905	11.7063	4.3838	3.4430	3 3/8	46.232	36.311	13.598	10.680
2 1/2	15.353	12.0583	4.5156	3.5466	3 1/2	47.813	37.552	14.063	11.045
2 5/8	15.808	12.4156	4.6494	3.6516	3 5/8	49.420	38.814	14.535	11.416
2 3/4	16.270	12.7781	4.7852	3.7583	3 3/4	51.053	40.097	15.016	11.793
2 7/8	16.738	13.1458	4.9228	3.8664	3 7/8	52.713	41.401	15.504	12.177
3	17.213	13.5187	5.0625	3.9761	4	54.400	42.726	16.000	12.566
2 5/8	17.694	13.8968	5.2041	4.0873	4 1/8	56.113	44.071	16.504	12.962
2 3/4	18.182	14.2802	5.3477	4.2000	4 1/4	57.853	45.438	17.016	13.364
2 7/8	18.677	14.6687	5.5044	4.3231	4 3/8	59.620	46.825	17.535	13.772
2 9/8	19.178	15.0625	5.6406	4.4301	4 3/4	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 5/8	20.201	15.8657	5.9414	4.6664	4 5/4	65.078	51.112	19.141	15.033
2 3/4	20.722	16.2751	6.0947	4.7868	4 7/8	66.951	52.583	19.691	15.466
2 7/8	21.250	16.6898	6.2500	4.9087	4 7/4	68.850	54.075	20.250	15.904
2 9/8	21.785	17.1096	6.4072	5.0322	4 9/8	70.776	55.587	20.816	16.349
2 5/4	22.326	17.5346	6.5664	5.1573	4 5/4	72.728	57.121	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 3/4	23.428	18.4004	6.8906	5.4119	4 3/4	76.713	60.250	22.563	17.721
2 7/8	23.989	18.8410	7.0557	5.5415	4 7/8	78.745	61.846	23.160	18.190
2 9/8	24.557	19.2870	7.2227	5.6727	4 9/8	80.803	63.463	23.766	18.665
2 5/4	25.131	19.7382	7.4331	5.8379	4 5/4	82.888	65.100	24.379	19.147
2 3/4	25.713	20.1946	7.5625	5.9396	5	85.000	66.759	25.000	19.635
2 7/8	26.300	20.656	7.7122	6.0571	5 1/8	87.138	68.438	25.629	20.129
2 9/8	26.895	21.123	7.9102	6.2126	5 1/4	89.303	70.139	26.266	20.629
2 5/4	27.496	21.595	8.0869	6.3514	5 3/8	91.495	71.860	26.910	21.135
2 3/4	28.103	22.072	8.2656	6.4918	5 1/4	93.713	73.602	27.563	21.648
2 7/8	28.717	22.555	8.4463	6.6337	5 5/8	95.957	75.364	28.223	22.166
2 9/8	29.338	23.042	8.6289	6.7771	5 3/4	98.228	77.148	28.891	22.691
2 5/4	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 7/8	109.98	86.38	32.348	25.406
3 1/2	33.203	26.078	9.7556	7.6699	5 5/4	112.41	88.29	33.063	25.967
3 3/8	33.871	26.602	9.9519	7.8240	5 1/2	114.87	90.22	33.785	26.535
3 1/4	34.545	27.131	10.160	7.9798	5 3/4	117.35	92.17	34.516	27.109
3 5/8	35.225	27.666	10.350	8.1370	5 7/8	119.86	94.14	35.254	27.688
3 3/4	35.913	28.206	10.563	8.2958	6	122.40	96.13	36.000	28.274
3 7/8	36.606	28.751	10.769	8.4576	6 1/8	124.96	98.15	36.754	28.867
3 9/8	37.307	29.301	10.973	8.6179	6 1/4	127.55	100.18	37.516	29.465
3 5/4	38.014	29.856	11.181	8.7812	6 3/8	130.17	102.24	38.285	30.069
3 3/4	38.728	30.417	11.391	8.9462	6 1/2	132.81	104.31	39.063	30.680
3 7/8	39.449	30.983	11.603	9.1126	6 5/8	135.48	106.41	39.848	31.296
3 9/8	40.176	31.554	11.816	9.2806	6 3/4	138.18	108.53	40.641	31.919
3 5/4	40.910	32.130	12.032	9.4501	6 7/8	140.90	110.66	41.441	32.548
3 3/4	41.650	32.712	12.250	9.6211	6 5/2	143.65	112.82	42.250	33.183

ILLINOIS STEEL COMPANY

SQUARE AND ROUND BARS

TABLE X—Concluded
WEIGHTS AND AREAS

Size, Inches	Weight per Foot, Pounds		Area, Sq. Inches		Size, Inches	Weight per Foot, Pounds		Area, Sq. Inches	
	□	○	□	○		□	○	□	○
6 ¹ / ₈	146.43	115.00	43.066	33.824	9 ¹ / 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 ³ / ₄	323.2	253.9	95.063	74.662
6 ⁷ / ₈	157.79	123.93	46.410	36.451	9 ⁷ / ₈	327.4	257.1	96.285	75.622
6 ¹	160.70	126.22	47.266	37.122	9 ¹	331.6	260.4	97.516	76.589
6 ¹ / ₈	163.64	128.52	48.129	37.800	9 ¹ / ₈	335.8	263.7	98.754	77.561
6 ¹ / ₄	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 ¹ / ₄	172.60	135.56	50.766	39.871	10 ¹ / ₄	348.5	273.8	102.52	80.516
7 ³ / ₈	175.64	137.95	51.660	40.574	10 ³ / ₈	352.9	277.1	103.79	81.513
7 ¹ / ₂	178.71	140.36	52.563	41.283	10 ¹ / ₂	357.2	280.6	105.06	82.516
7 ³ / ₄	181.81	142.79	53.473	41.997	10 ³ / ₄	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	188.08	147.71	55.316	43.446	10 ¹	370.4	290.9	108.94	85.563
7 ¹ / ₈	191.25	150.21	56.250	44.179	10 ¹ / ₈	374.9	294.4	110.25	86.590
7 ¹ / ₄	194.45	152.72	57.191	44.918	10 ¹ / ₄	379.3	297.9	111.57	87.624
7 ³ / ₈	197.68	155.26	58.141	45.664	10 ³ / ₈	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 ⁷ / ₈	207.52	162.99	61.035	47.937	10 ⁷ / ₈	397.5	312.2	116.91	91.821
7 ¹	210.85	165.60	62.016	48.707	10 ¹	402.1	315.8	118.27	92.886
7 ¹ / ₈	214.21	168.24	63.004	49.483	10 ¹ / ₈	406.7	319.5	119.63	93.957
7 ¹ / ₄	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 ¹ / ₄	224.45	176.29	66.016	51.849	11 ¹ / ₄	420.8	330.5	123.77	97.206
8 ³ / ₈	227.92	179.01	67.035	52.649	11 ³ / ₈	425.5	334.2	125.16	98.301
8 ¹ / ₂	231.41	181.75	68.063	53.456	11 ¹ / ₂	430.3	337.9	126.56	99.402
8 ³ / ₄	234.93	184.52	69.098	54.269	11 ³ / ₄	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	242.05	190.11	71.191	55.914	11 ¹	444.8	349.3	130.82	102.74
8 ¹ / ₈	245.65	192.93	72.250	56.745	11 ¹ / ₈	449.6	353.1	132.25	103.87
8 ¹ / ₄	249.28	195.78	73.316	57.583	11 ¹ / ₄	454.6	357.0	133.69	105.00
8 ³ / ₈	252.93	198.65	74.391	58.426	11 ³ / ₈	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 ⁷ / ₈	264.04	207.38	77.660	60.994	11 ⁷ / ₈	474.4	372.6	139.54	109.59
8 ¹	267.80	210.33	78.766	61.863	11 ¹	479.5	376.6	141.02	110.75
8 ¹ / ₈	271.59	213.31	79.879	62.737	11 ¹ / ₈	484.5	380.5	142.50	111.92
9	275.40	216.30	81.000	63.617	12	489.5	384.5	144.00	113.10
9 ¹ / ₈	279.2	219.2	82.129	64.504	12 ¹ / ₈	494.6	388.5	145.50	114.28
9 ¹ / ₄	283.1	222.4	83.266	65.397	12 ¹ / ₄	499.8	392.5	147.01	115.46
9 ³ / ₈	287.0	225.4	84.410	66.296	12 ³ / ₈	505.0	396.6	148.53	116.66
9 ¹ / ₂	290.9	228.5	85.563	67.201	12 ¹ / ₂	510.2	400.7	150.08	117.87
9 ³ / ₄	294.9	231.6	86.723	68.112	12 ³ / ₄	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	302.8	237.8	89.066	69.953	12 ¹	525.9	413.0	154.69	121.49
9 ¹ / ₈	306.8	241.0	90.250	70.882	12 ¹ / ₈	531.2	417.2	156.25	122.72

WEIGHTS OF HEXAGONS

WEIGHTS OF HEXAGON BARS

TABLE XI

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

ILLINOIS STEEL COMPANY

BIRMINGHAM WIRE GAUGE
TABLE XII
Equivalents in Inches and Corresponding Weights
of Flat Rolled Steel

Gauge Number	Thickness Inches	Pounds per Sq. Ft.	Thickness, Inches		Pounds per Sq. Ft.
			Fractional	Decimal	
0000	.454	18.5232	$\frac{1}{2}$	.5	20.4
000	.425	17.34	$\frac{3}{8}$	.46875	19.125
.....	.....	.....	$\frac{1}{4}$	.4375	17.85
00	.380	15.504	$\frac{3}{8}$	.40625	16.575
0	.340	13.872	$\frac{1}{2}$	.375	15.3
.....	.....	.....	$\frac{1}{4}$	.34375	14.025
1	.300	12.24	$\frac{3}{8}$	.3125	12.75
2	.284	11.5872	$\frac{1}{2}$	.296875	12.1125
3	.259	10.5672	$\frac{3}{8}$	.28125	11.475
.....	.....	.....	$\frac{1}{4}$	.265625	10.8375
4	.238	9.7104	$\frac{1}{2}$	.25	10.2
.....	.....	.....	$\frac{3}{8}$	.234375	9.5625
5	.220	8.976	$\frac{1}{2}$	.21875	8.925
6	.203	8.2824	$\frac{3}{8}$	.203125	8.2875
7	.180	7.344	$\frac{1}{2}$	.1875	7.65
8	.165	6.732	$\frac{3}{8}$	.171875	7.0125
9	.148	6.0384	$\frac{1}{2}$	.15625	6.375
10	.134	5.4672	$\frac{3}{8}$	.140625	5.7375
11	.120	4.896	$\frac{1}{2}$	.125	5.1
12	.109	4.4472	$\frac{3}{8}$	.109375	4.4625
13	.095	3.876	$\frac{1}{2}$	.09375	3.825
14	.083	3.3864	$\frac{3}{8}$	.078125	3.1875
15	.072	2.9376	.....	.....	.....
16	.065	2.652	$\frac{1}{2}$	.0625	2.55
17	.058	2.3664	.....	.....	.....
18	.049	1.9992	$\frac{3}{8}$	.046875	1.9125
19	.042	1.7136	.....	.....	.....
20	.035	1.428	.....	.....	.....
21	.032	1.3056	$\frac{1}{2}$	.03125	1.275
22	.028	1.1424	.....	.....	.....
23	.025	1.02	.....	.....	.....
24	.022	0.8976	.....	.....	.....
25	.020	0.816	.....	.....	.....
26	.018	0.7344	.....	.....	.....
27	.016	0.6528	$\frac{3}{8}$	.015625	0.6375
28	.014	0.5712	.....	.....	.....
29	.013	0.5304	.....	.....	.....
30	.012	0.4896	.....	.....	.....
31	.010	0.408	.....	.....	.....
32	.009	0.3672	.....	.....	.....
33	.008	0.3264	$\frac{1}{2}$	.0078125	0.31875
34	.007	0.2856	.....	.....	.....
35	.005	0.2040	.....	.....	.....
36	.004	0.1632	$\frac{3}{8}$	.00390625	0.159375

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

GAUGES

UNITED STATES STANDARD GAUGE

TABLE XIII

Sheet and Plate Iron and Steel

Gauge Number	Thickness in Fractions of an Inch	Thickness in Decimals of an Inch	Approximate Thickness in Millimeters	Weight per Square Foot in Pounds Iron	Weight per Square Foot in Pounds Steel	Weight per Sq. Meter in Kilograms, Steel
000000	$\frac{1}{2}$	.5	12.70	20.	20.4	99.602
000000	$\frac{3}{8}$	.46875	11.91	18.75	19.125	93.377
00000	$\frac{1}{4}$	.4375	11.11	17.50	17.85	87.152
0000	$\frac{3}{16}$	.40625	10.32	16.25	16.575	80.927
000	$\frac{5}{16}$	.375	9.53	15.	15.3	74.702
00	$\frac{3}{8}$	.34375	8.73	13.75	14.025	68.476
0	$\frac{1}{2}$	.3125	7.94	12.50	12.75	62.251
1	$\frac{5}{8}$	.28125	7.14	11.25	11.475	56.026
2	$\frac{3}{4}$	.265625	6.75	10.625	10.8375	52.914
3	$\frac{7}{8}$	.25	6.35	10.	10.2	49.801
4	$\frac{1}{2}$	.234375	5.95	9.375	9.5625	46.688
5	$\frac{3}{8}$	.21875	5.56	8.75	8.925	43.576
6	$\frac{1}{4}$	.203125	5.16	8.125	8.2875	40.463
7	$\frac{3}{8}$	.1875	4.76	7.5	7.65	37.351
8	$\frac{1}{2}$	.171875	4.37	6.875	7.0125	34.238
9	$\frac{5}{8}$	.15625	3.97	6.25	6.375	31.126
10	$\frac{3}{4}$	.140625	3.57	5.625	5.7375	28.013
11	$\frac{7}{8}$	.125	3.18	5.	5.1	24.901
12	$\frac{1}{2}$	.109375	2.78	4.375	4.4625	21.788
13	$\frac{3}{8}$	.09375	2.39	3.75	3.825	18.675
14	$\frac{1}{4}$	.078125	1.98	3.125	3.1875	15.563
15	$\frac{3}{8}$	.0703125	1.79	2.8125	2.86875	14.007
16	$\frac{1}{2}$	.0625	1.59	2.5	2.55	12.450
17	$\frac{5}{8}$	.05625	1.43	2.25	2.295	11.205
18	$\frac{3}{4}$	.05	1.27	2.	2.04	9.960
19	$\frac{7}{8}$	.04375	1.11	1.75	1.785	8.715
20	$\frac{1}{2}$	.0375	0.953	1.50	1.53	7.470
21	$\frac{3}{8}$	.034375	0.873	1.375	1.4025	6.848
22	$\frac{1}{4}$	.03125	0.794	1.25	1.275	6.225
23	$\frac{3}{8}$	.028125	0.714	1.125	1.1475	5.603
24	$\frac{1}{2}$	.025	0.635	1.	1.02	4.980
25	$\frac{5}{8}$	.021875	0.556	.875	.8925	4.358
26	$\frac{3}{4}$	.01875	0.476	.75	.765	3.735
27	$\frac{7}{8}$	.0171875	0.437	.6875	.70125	3.424
28	$\frac{1}{2}$	.015625	0.397	.625	.6375	3.113
29	$\frac{3}{8}$	.0140625	0.357	.5625	.57375	2.801
30	$\frac{1}{4}$	.0125	0.318	.5	.51	2.490
31	$\frac{3}{8}$	.0109375	0.278	.4375	.44625	2.179
32	$\frac{1}{2}$	.01015625	0.258	.40625	.414375	2.023
33	$\frac{3}{8}$	.009375	0.238	.375	.3825	1.868
34	$\frac{1}{4}$	.00859375	0.218	.34375	.350625	1.712
35	$\frac{3}{8}$	.0078125	0.198	.3125	.31875	1.556
36	$\frac{1}{2}$	.00703125	0.179	.28125	.286875	1.401
37	$\frac{5}{8}$	.006640625	0.169	.265625	.2709375	1.323
38	$\frac{3}{4}$	.00625	0.159	.25	.255	1.245

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

ILLINOIS STEEL COMPANY

STANDARD GAUGES TABLE XIV

THICKNESS IN DECIMALS OF AN INCH

No. of Gauge	Birmingham Wire Gauge (B. W. G.), also known as Stubs (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.)	Browne & Sharpe's Gauge American (Wire) Gauge	No. of Gauge
7 ^o		.500		.4900	.500		7 ^o
6 ^o		.46875		.4615	.464	.580000	6 ^o
5 ^o		.4375		.4305	.432	.516500	5 ^o
4 ^o	.454	.40625		.3938	.400	.460000	4 ^o
3 ^o	.425	.375	.5000	.3625	.372	.409642	3 ^o
2 ^o	.380	.34375	.4452	.3310	.348	.364796	2 ^o
1	.340	.3125	.3964	.3065	.324	.324861	0
2	.300	.28125	.3532	.2830	.300	.289297	1
3	.284	.265625	.3147	.2625	.276	.257627	2
4	.259	.25	.2804	.2437	.252	.229423	3
5	.238	.234375	.2500	.2253	.232	.204307	4
6	.220	.21875	.2225	.2070	.212	.181940	5
7	.203	.203125	.1981	.1920	.192	.162023	6
8	.180	.1875	.1764	.1770	.176	.144285	7
9	.165	.171875	.1570	.1620	.160	.128490	8
10	.148	.15625	.1398	.1483	.144	.114423	9
11	.134	.140625	.1250	.1350	.128	.101897	10
12	.120	.125	.1113	.1205	.116	.090742	11
13	.109	.109375	.0991	.1055	.104	.080808	12
14	.095	.09375	.0882	.0915	.092	.071962	13
15	.083	.078125	.0785	.0800	.080	.064084	14
16	.072	.0703125	.0699	.0720	.072	.057068	15
17	.065	.0625	.0625	.0625	.064	.050821	16
18	.058	.05625	.0556	.0540	.056	.045257	17
19	.049	.05	.0495	.0475	.048	.040303	18
20	.042	.04375	.0440	.0410	.040	.035890	19
21	.035	.0375	.0392	.0348	.036	.031961	20
22	.032	.034375	.0349	.03175	.032	.028462	21
23	.028	.03125	.03125	.0286	.028	.025346	22
24	.025	.028125	.02782	.0258	.024	.022572	23
25	.022	.025	.02476	.0230	.022	.020101	24
26	.020	.021875	.02204	.0204	.020	.017900	25
27	.018	.01875	.01961	.0181	.018	.015941	26
28	.016	.0171875	.01745	.0173	.0164	.014195	27
29	.014	.015625	.015625	.0162	.0148	.012641	28
30	.013	.0140625	.0139	.0150	.0136	.011257	29
31	.012	.0125	.0123	.0140	.0124	.010025	30
32	.010	.0109375	.0110	.0132	.0116	.008928	31
33	.009	.01015625	.0098	.0128	.0108	.007950	32
34	.008	.009375	.0087	.0118	.0100	.007080	33
35	.007	.00859375	.0077	.0104	.0092	.006305	34
36	.005	.0078125	.0069	.0095	.0084	.005615	35
37	.004	.00703125	.0061	.0090	.0076	.005000	36
38		.006640625	.0054	.0085	.0068	.004453	37
39		.00625	.0048	.0080	.0060	.003965	38
40				.0075	.0052	.003531	39
				.0070	.0048	.003144	40

Illinois Steel Company Works to Birmingham Wire Gauge (B. W. G.)

DECIMAL TABLE

DECIMAL OF AN INCH AND OF A FOOT

TABLE XV

	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	$\frac{1}{192}$	.2552	$3\frac{1}{8}$	.5052	$6\frac{1}{8}$	.7552	$9\frac{1}{8}$
	.0104	$\frac{1}{96}$	.2604	$3\frac{1}{8}$	.5104	$6\frac{1}{8}$	.7604	$9\frac{1}{8}$
$\frac{1}{16}$	.015625	$\frac{1}{64}$	.265625	$3\frac{1}{8}$	.515625	$6\frac{1}{8}$	.765625	$9\frac{1}{8}$
	.0208	$\frac{1}{48}$	.2708	$3\frac{1}{4}$	.5208	$6\frac{1}{4}$	.7708	$9\frac{1}{4}$
	.0260	$\frac{1}{38}$	.2760	$3\frac{1}{8}$	.5260	$6\frac{1}{8}$	.7760	$9\frac{1}{8}$
$\frac{1}{8}$	.03125	$\frac{1}{32}$	.28125	$3\frac{1}{4}$	.53125	$6\frac{3}{8}$	.78125	$9\frac{3}{8}$
	.0365	$\frac{1}{27}$	.2865	$3\frac{1}{8}$	.5365	$6\frac{1}{8}$	.7865	$9\frac{1}{8}$
	.0417	$\frac{1}{24}$	.2917	$3\frac{1}{2}$	.5417	$6\frac{1}{2}$	.7917	$9\frac{1}{2}$
$\frac{1}{4}$	.046875	$\frac{3}{64}$	.296875	$3\frac{3}{8}$	.546875	$6\frac{3}{8}$	.796875	$9\frac{3}{8}$
	.0521	$\frac{1}{19}$	.3021	$3\frac{1}{2}$	.5521	$6\frac{1}{2}$	.8021	$9\frac{1}{2}$
	.0573	$\frac{1}{17}$	.3073	$3\frac{1}{4}$	.5573	$6\frac{1}{4}$	.8073	$9\frac{1}{4}$
$\frac{3}{8}$	.0625	$\frac{1}{16}$	.3125	$3\frac{1}{4}$	.5625	$6\frac{1}{4}$	.8125	$9\frac{1}{4}$
	.0677	$\frac{1}{14}$	.3177	$3\frac{1}{4}$	.5677	$6\frac{1}{4}$	.8177	$9\frac{1}{4}$
	.0729	$\frac{1}{13}$	.3229	$3\frac{1}{2}$	.5729	$6\frac{1}{2}$	.8229	$9\frac{1}{2}$
$\frac{1}{2}$	.078125	$\frac{1}{12}$	.328125	$3\frac{1}{2}$	.578125	$6\frac{1}{2}$	.828125	$9\frac{1}{2}$
	.0833	1	.3333	4	.5833	7	.8333	10
	.0885	$1\frac{1}{16}$	.3385	$4\frac{1}{8}$	.5885	$7\frac{1}{8}$	.8385	$10\frac{1}{8}$
$\frac{5}{8}$	.09375	$1\frac{1}{8}$	.34375	$4\frac{1}{4}$	.59375	$7\frac{1}{4}$	.84375	$10\frac{1}{4}$
	.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	$10\frac{1}{4}$
$\frac{3}{4}$	.109375	$1\frac{1}{4}$	.359375	$4\frac{1}{8}$	.609375	$7\frac{1}{8}$	.859375	$10\frac{1}{8}$
	.1146	$1\frac{1}{4}$	.3646	$4\frac{3}{8}$	.6146	$7\frac{3}{8}$	.8646	$10\frac{3}{8}$
	.1198	$1\frac{1}{8}$	.3698	$4\frac{1}{8}$	.6198	$7\frac{1}{8}$	.8698	$10\frac{1}{8}$
$\frac{7}{8}$	.1250	$1\frac{1}{2}$	.3750	$4\frac{1}{2}$	.6250	$7\frac{1}{2}$	.8750	$10\frac{1}{2}$
	.1302	$1\frac{1}{2}$	.3802	$4\frac{1}{8}$	.6302	$7\frac{1}{8}$	.8802	$10\frac{1}{8}$
	.1354	$1\frac{1}{6}$	.3854	$4\frac{3}{8}$	.6354	$7\frac{3}{8}$	.8854	$10\frac{3}{8}$
$\frac{1}{8}$	.140625	$1\frac{1}{8}$	.390625	$4\frac{1}{4}$	.640625	$7\frac{1}{4}$	.890625	$10\frac{1}{4}$
	.1458	$1\frac{1}{4}$	.3958	$4\frac{1}{8}$	.6458	$7\frac{1}{8}$	.8958	$10\frac{1}{8}$
	.1510	$1\frac{1}{4}$	.4010	$4\frac{1}{4}$	.6510	$7\frac{1}{4}$	.9010	$10\frac{1}{4}$
$\frac{1}{4}$	.15625	$1\frac{1}{4}$	.40625	$4\frac{3}{8}$	.65625	$7\frac{3}{8}$	.90625	$10\frac{3}{8}$
	.1615	$1\frac{1}{4}$	.4115	$4\frac{1}{2}$	.6615	$7\frac{1}{2}$	.9115	$10\frac{1}{2}$
	.1667	2	.4167	5	.6667	8	.9167	11
$\frac{1}{2}$	.171875	$2\frac{1}{8}$	.421875	$5\frac{1}{8}$	.671875	$8\frac{1}{8}$	.921875	$11\frac{1}{8}$
	.1771	$2\frac{1}{8}$	.4271	$5\frac{1}{4}$	.6771	$8\frac{1}{4}$	.9271	$11\frac{1}{4}$
	.1823	$2\frac{1}{8}$	.4323	$5\frac{1}{8}$	.6823	$8\frac{1}{8}$	.9323	$11\frac{1}{8}$
$\frac{3}{4}$	.1875	$2\frac{1}{4}$	.4375	$5\frac{1}{4}$	.6875	$8\frac{1}{4}$	.9375	$11\frac{1}{4}$
	.1927	$2\frac{1}{8}$	.4427	$5\frac{1}{8}$	.6927	$8\frac{1}{8}$	.9427	$11\frac{1}{8}$
	.1979	$2\frac{3}{8}$	.4479	$5\frac{3}{8}$	.6979	$8\frac{3}{8}$	.9479	$11\frac{3}{8}$
$\frac{1}{4}$	.203125	$2\frac{1}{4}$	.453125	$5\frac{1}{8}$	.703125	$8\frac{1}{8}$	.953125	$11\frac{1}{8}$
	.2083	$2\frac{1}{2}$	.4583	$5\frac{1}{4}$	.7083	$8\frac{1}{4}$	.9583	$11\frac{1}{4}$
	.2135	$2\frac{1}{8}$	.4635	$5\frac{1}{8}$	.7135	$8\frac{1}{8}$	.9635	$11\frac{1}{8}$
$\frac{1}{2}$	.21875	$2\frac{1}{4}$	.46875	$5\frac{3}{8}$	.71875	$8\frac{3}{8}$	.96875	$11\frac{3}{8}$
	.2240	$2\frac{1}{4}$	.4740	$5\frac{1}{2}$	.7240	$8\frac{1}{2}$	.9740	$11\frac{1}{2}$
	.2292	$2\frac{1}{4}$	.4792	$5\frac{1}{4}$	.7292	$8\frac{1}{4}$	.9792	$11\frac{1}{4}$
$\frac{3}{4}$	.234375	$2\frac{1}{4}$	.484375	$5\frac{1}{8}$	.734375	$8\frac{1}{8}$	.984375	$11\frac{1}{8}$
	.2396	$2\frac{1}{4}$	.4896	$5\frac{1}{4}$	.7396	$8\frac{1}{4}$	.9896	$11\frac{1}{4}$
	.2448	$2\frac{1}{4}$	.4948	$5\frac{1}{4}$	.7448	$8\frac{1}{4}$	.9948	$11\frac{1}{4}$
$\frac{1}{4}$	.2500	3	.5000	6	.7500	9	1.0000	12

ILLINOIS STEEL COMPANY

AREAS AND CIRCUMFERENCES OF CIRCLES

TABLE XVI

From 1 inch to 26 feet (advancing by an inch)

Diam.	Area.	Circum.	Diam.	Area.	Circum.
	Feet.	Feet.		Feet.	Feet.
1 in.	.005454	.261799	4 ft.	12.5664	12.5664
2	.021817	.523599	1	13.0954	12.8282
3	.049087	.785398	2	13.6354	13.0900
4	.087266	1.047198	3	14.1863	13.3518
5	.136354	1.308997	4	14.7480	13.6136
6	.196350	1.570796	5	15.3207	13.8754
7	.267254	1.832596	6	15.9043	14.1372
8	.349066	2.094395	7	16.4988	14.3990
9	.441786	2.356195	8	17.1042	14.6608
10	.545415	2.617994	9	17.7206	14.9226
11	.659953	2.879793	10	18.3478	15.1844
			11	18.9859	15.4462
1 ft.	.7854	3.1416	5 ft.	19.635	15.7080
1	.9217	3.4034	1	20.2949	15.9698
2	1.0690	3.6652	2	20.9658	16.2316
3	1.2272	3.9270	3	21.6475	16.4934
4	1.3963	4.1888	4	22.3402	16.7552
5	1.5763	4.4506	5	23.0438	17.0170
6	1.7671	4.7124	6	23.7583	17.2788
7	1.9690	4.9742	7	24.4837	17.5406
8	2.1817	5.2360	8	25.2200	17.8024
9	2.4053	5.4978	9	25.9672	18.0642
10	2.6398	5.7596	10	26.7254	18.3260
11	2.8853	6.0214	11	27.4944	18.5878
2 ft.	3.1416	6.2832	6 ft.	28.2743	18.8496
1	3.4088	6.5450	1	29.0652	19.1114
2	3.6870	6.8068	2	29.867	19.3732
3	3.9761	7.0686	3	30.6796	19.6350
4	4.2761	7.3304	4	31.5032	19.8968
5	4.5869	7.5922	5	32.3377	20.1586
6	4.9087	7.8540	6	33.1831	20.4204
7	5.2414	8.1158	7	34.0394	20.6822
8	5.5851	8.3776	8	34.9066	20.9440
9	5.9396	8.6394	9	35.7847	21.2058
10	6.3050	8.9012	10	36.6737	21.4676
11	6.6813	9.1630	11	37.5737	21.7294
3 ft.	7.0686	9.4248	7 ft.	38.4845	21.9912
1	7.4667	9.6866	1	39.4063	22.2530
2	7.8758	9.9484	2	40.3389	22.5148
3	8.2958	10.2102	3	41.2825	22.7766
4	8.7267	10.4720	4	42.2370	23.0384
5	9.1684	10.7338	5	43.2024	23.3002
6	9.6211	10.9956	6	44.1787	23.5620
7	10.0847	11.2574	7	45.1659	23.8237
8	10.5592	11.5192	8	46.1640	24.0855
9	11.0447	11.7810	9	47.1730	24.3473
10	11.5410	12.0428	10	48.1929	24.6091
11	12.0482	12.3046	11	49.2237	24.8709

CIRCLE AREAS

AREAS AND CIRCUMFERENCES OF CIRCLES

TABLE XVI—Continued

Diam.	Area.	Circum.	Diam.	Area.	Circum.
	Feet.	Feet.		Feet.	Feet.
8 ft.	50.2655	25.1327	12 ft. 6	122.7184	39.2699
1	51.3181	25.3945	7	124.3602	39.5317
2	52.3817	25.6563	8	126.0128	39.7935
3	53.4562	25.9181	9	127.6763	40.0553
4	54.5415	26.1799	10	129.3507	40.3171
5	55.6378	26.4417	11	131.0360	40.5789
6	56.7450	26.7035			
7	57.8631	26.9653	13 ft.	132.7323	40.8407
8	58.9921	27.2274	1	134.4394	41.1025
9	60.1321	27.4890	2	136.1575	41.3643
10	61.2829	27.7507	3	137.8865	41.6261
11	62.4446	28.0125	4	139.6263	41.8879
			5	141.3771	42.1497
9 ft.	63.6173	28.2743	6	143.1388	42.4115
1	64.8008	28.5361	7	144.9114	42.6733
2	65.9953	28.7979	8	146.6949	42.9351
3	67.2006	29.0597	9	148.4894	43.1969
4	68.4169	29.3215	10	150.2947	43.4587
5	69.6441	29.5833	11	152.1109	43.7205
6	70.8822	29.8451			
7	72.1312	30.1069	14 ft.	153.9380	43.9823
8	73.3911	30.3687	1	155.7761	44.2441
9	74.6619	30.6305	2	157.6251	44.5059
10	75.9436	30.8923	3	159.4849	44.7677
11	77.2363	31.1541	4	161.3557	45.0295
			5	163.2374	45.2913
10 ft.	78.5398	31.4160	6	165.1300	45.5531
1	79.8543	31.6778	7	167.0335	45.8149
2	81.1796	31.9395	8	168.9479	46.0767
3	82.5159	32.2013	9	170.8732	46.3385
4	83.8631	32.4631	10	172.8094	46.6003
5	85.2212	32.7249	11	174.7565	46.8621
6	86.5902	32.9867			
7	87.9700	33.2485	15 ft.	176.7146	47.1239
8	89.3609	33.5103	1	178.6835	47.3857
9	90.7626	33.7721	2	180.6637	47.6475
10	92.1752	34.0339	3	182.6542	47.9093
11	93.5987	34.2957	4	184.6558	48.1711
			5	186.6684	48.4329
11 ft.	95.0332	34.5575	6	188.6919	48.6947
1	96.4785	34.8193	7	190.7263	48.9565
2	97.9348	35.0811	8	192.7717	49.2183
3	99.4020	35.3429	9	194.8279	49.4801
4	100.8801	35.6047	10	196.8950	49.7419
5	102.3690	35.8665	11	198.9730	50.0037
6	103.8689	36.1283			
7	105.3797	36.3901	16 ft.	201.0619	50.2655
8	106.9014	36.6519	1	203.1618	50.5273
9	108.4340	36.9137	2	205.2725	50.7891
10	109.9776	37.1755	3	207.3942	51.0509
11	111.5320	37.4373	4	209.5268	51.3127
			5	211.6703	51.5745
12 ft.	113.0973	37.6991	6	213.8246	51.8363
1	114.6736	37.9609	7	215.9900	52.0981
2	116.2617	38.2227	8	218.1662	52.3599
3	117.8588	38.4845	9	220.3533	52.6217
4	119.4680	38.7463	10	222.5513	52.8835
5	121.0870	39.0081	11	224.7602	53.1453

ILLINOIS STEEL COMPANY

AREAS AND CIRCUMFERENCES OF CIRCLES

TABLE XVI—Concluded

Diam.	Area	Circum.	Diam.	Area	Circum.
	Feet	Feet		Feet	Feet
17 ft.			21 ft.		
1	226.9801	53.4071	7	365.8701	67.8060
2	229.2108	53.6689	8	368.7008	68.0678
3	231.4525	53.9307	9	371.5424	68.3296
4	233.7050	54.1925	10	374.3950	68.5914
5	235.9685	54.4543	11	377.2584	68.8532
6	238.2429	54.7161			
7	240.5282	54.9779	22 ft.		
8	242.8244	55.2397	1	380.1327	69.1150
9	245.1315	55.5015	2	383.0180	69.3768
10	247.4495	55.7633	3	385.9141	69.6386
11	249.7784	56.0251	4	388.8212	69.9004
	252.1183	56.2869	5	391.7392	70.1622
			6	394.6681	70.4240
18 ft.			7	397.6078	70.6858
1	254.4690	56.5487	8	400.5586	70.9476
2	256.8307	56.8105	9	403.5201	71.2094
3	259.2032	57.0723	10	406.4929	71.4712
4	261.5867	57.3341	11	409.4761	71.7330
5	263.9811	57.5959			
6	266.3863	57.8577	23 ft.		
7	268.8025	58.1195	1	415.4756	72.2566
8	271.2296	58.3813	2	418.4919	72.5184
9	273.6676	58.6431	3	421.5188	72.7802
10	276.1165	58.9049	4	424.5568	73.0420
11	278.5764	59.1667	5	427.6057	73.3038
	281.0471	59.4285	6	430.6655	73.5656
			7	433.7361	73.8274
19 ft.			8	436.8178	74.0892
1	283.5287	59.6903	9	439.9102	74.3510
2	286.0213	59.9521	10	443.0137	74.6128
3	288.5248	60.2139	11	446.1280	74.8746
4	291.0391	60.4757			
5	293.5644	60.7375	24 ft.		
6	296.1006	60.9993	1	452.3893	75.3982
7	298.6476	61.2611	2	455.5365	75.6600
8	301.2057	61.5229	3	458.6944	75.9218
9	303.7746	61.7847	4	461.8632	76.1836
10	306.3544	62.0465	5	465.0430	76.4454
11	308.9451	62.3083	6	468.2337	76.7072
	311.5467	62.5701	7	471.4353	76.9690
			8	474.6477	77.2308
20 ft.			9	477.8712	77.4926
1	314.1593	62.8319	10	481.1055	77.7544
2	316.7827	63.0937	11	484.3507	78.0162
3	319.4171	63.3555			
4	322.0623	63.6173	25 ft.		
5	324.7185	63.8791	1	490.8739	78.5398
6	327.3856	64.1409	2	494.1518	78.8016
7	330.0636	64.4027	3	497.4408	79.0634
8	332.7525	64.6645	4	500.7404	79.3252
9	335.4523	64.9262	5	504.0511	79.5870
10	338.1630	65.1880	6	507.3727	79.8489
11	340.8846	65.4498	7	510.7051	80.1106
	343.6172	65.7116	8	514.0486	80.3724
			9	517.4029	80.6342
21 ft.			10	520.7681	80.8960
1	346.3606	65.9734	11	524.1442	81.1578
2	349.1149	66.2352			
3	351.8802	66.4970	26 ft.		
4	354.6564	66.7588		530.9292	81.6814
5	357.4434	67.0206			
6	360.2414	67.2824			
	363.0503	67.5442			

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4	42	29	50			26	11	1	24
5	42	31	50	Beams		27	14	2	24
		32	51	1	4	28	14	3	24
7	43	33	51	2	6	51	14	4	24
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11	44	38	52	6	8	3	17	3	68
12	44	39	52	7	9	4	18	4	69
13	44	40	52	8	10	8	16	5	69
14	45	42	52	9	10	9	19	6	68
15	45	43	50	10	11	10	19	7	70
16	45	44	49	11	11	11	18	8	69
17	45	45	54	12	12	12	20	9	69
18	46	46	54	13	12	13	21	10	70
19	47	48	51	14	12	14	16	11	70
20	47	49	51	15	13	17	23	12	70
21	47	51	42	16	13	18	22	18	71
22	48	52	52	17	13	19	23	19	71
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3	26	38	38	3	56	70	65	32	74
4	26	39	35	4	56	71	65	33	73
5	27	41	30	6	56	77	66	34	73
6	27	43	36	7	57	79	66	35	76
7	27	44	36	8	57	80	67	36	76
8	28	45	36	9	57	82	66	96	131
9	28	46	33	10	58	83	66	103	87
10	28	47	38	11	58	87	67	106	132
14	32	53	30	12	58	500	60	107	86
15	32	54	29	13	59	506	62	138	75
18	35	55	31	14	59	512	61	142	90
19	35	56	33	15	59	514	60	145	133
20	29	57	31	16	60	516	62	146	133
21	30	58	31	17	61			147	75
22	30	61	34	18	61		Misc.	152	87
23	39	62	30	20	62		S	153	134
24	37	63	34	47	55	1	87	159	90
25	37	170	29	52	63	7	88	164	88
26	37			53	63	12	89	165	86
27	39	U-Bars		54	63	13	89	170	88
28	37	U		55	63	17	132	177	85
29	37	1	40	56	63	18	77	181	88
30	39	2	40	57	64	19	77	182	86
31	38	4	40	58	64	20	85	185	131
32	38	5	40	61	64	21	85	186	131
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8040	92	8040	103	8040	111	8040	117	8040	122
7540	93	7540	103	7540	111	7540	117	7540	123
7040	93	7040	103	7040	111	7040	117	7040	123
6540	94	6540	103	6540	111	6540	117	6540	123
6040	94	6040	104	6040	111	6040	117	6040	123
5540	95	5540	104						
5040	95	5040	104						
10020	96	10020	105	10020	112	10020	118	10020	124
9020	96	9020	105	9020	112	9020	118	9020	124
10030	97	10030	106			10030	119	10030	125
9030	97	9030	106	9030	113	9030	119	9030	125
13025	98	13025-A	107						
10025	98	10025-C	107	10025	113	10025	118		
Light Rails		Splice Bars		For Misc. Rails		For Misc. Rails		For Misc. Rails	
4830	99	○4530	108	11925	113	11025	118		
4530	99	○4530-A	108	10035	114				
4030	99	4030	108	10031	114,116	10031	120	10031	127
		4030-A	108	10022	114				
3530	99	3530	109	9035	114				
		3530-A	109	9034	115	9034	121	9034	128
3030	100	3030	109	9023	115	9023	121	9023	128
		3030-A	109	8553	114				
2530	100	2530	110	8533	114				
2030	100	2030	110	8520	112	8533	120	8533	126
1830	100			8020	112	8520	118		
1630	101	○1630	110	8030	113	8020	118		
				7250	114	8030	119	8030	125
						7250	120	7250	127
1430	101			6051	114				
1230	101	⊕1230	110	58-56	114	6051	120	6051	127
841	101	840	110	5607	114	58-56	120	58-56	127
				7523	115	5607	120		
Tie Plates TP		Wheels S		Wheels S					
324	129	1011	149	1262	147	7030	119	7030	126
325	129	1033	148	1331	148	6030	119	6030	126
336	130	1061	148	1332	148				
340	129	1137	147	1444	152				
501	130	1167	147	1782	149				
552	130	1261	147	1934	152				

○4530 and 4530-A Splice Bars used for both 4830 and 4530 rails.

○1630 Splice Bar used for both 1830 and 1630 rails.

⊕1230 Splice Bar used for both 1430 and 1230 rails.

ILLINOIS STEEL COMPANY

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TABLE OF OLD AND NEW SECTION NUMBERS

Subsequent to publishing the first edition of our Shape Book certain section numbers were changed as shown below.

Angles, Bulb Angles, Beams, Channels, Tees and Zees.

Section Number Angles A		Section Number Angles A		Section Number Channels C		Section Number Channels C		Section Number Tees T	
Old	New	Old	New	Old	New	Old	New	Old	New
1	1	49	49	1	1	53	53	66	82
2	2	51	51	2	2	54	54	67	62
3	3	52	52	3	3	55	55	76	80
4	4	53	53	4	4	56	56	77	87
5	5	54	54	5	5	57	57	151	500
7	7	59	59	6	6	58	58	152	514
8	8			7	7	63	63	153	512
9	9	Bulb Angles		8	8			154	516
10	10	BA		9	9			155	506
11	11	1	124	10	10	1	1		
12	12			11	20	2	2	Zees	
13	13	123	123	12	20	3	3	Z	
14	14			13	170	4	4	1	1
15	15	Beams		14	14	5	6	2	2
16	16	B		15	15	6	7	3	3
17	17	1	1	16	4	7	8	4	4
18	18	2	2	17	61	8	9	5	5
19	19	3	3	18	18	9	47	6	6
20	20	4	4	19	19	26	11	7	7
21	21	5	5	20	62	27	10	8	8
22	22	6	6	21	21	28	13	9	9
23	23	7	7	22	22	29	12	10	10
24	24	8	8	23	23	30	15	11	11
25	25	9	9	24	24	31	14	12	12
26	26	10	10	25	25	32	16	14	19
27	27	11	11	26	26	33	18	15	510
28	28	12	12	27	27	34	17	16	540
29	29	13	13	28	28	35	20	18	18
31	31	14	14	29	29	51	52	19	22
32	32	15	15	30	30	52	53		
33	33	16	16	31	31	53	54		
34	34	17	17	32	32	54	55		
35	35	19	51	35	35	55	56		
37	37	20	20	36	36	56	57		
38	38	21	21	37	37	57	58		
39	39	22	22	38	38	58	61		
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43	43	25	25	43	43	61	70		
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46	46	28	28	46	46	64	79		
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Miscellaneous Sections

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Old	New	Old	New	Old	New	Old	New	Old	New
1	1	22	22	97	96	147	147	177	177
7	7	23	23	98	96	152	152	181	181
12	12	31	31	103	103	153	153	182	182
13	13	32	32	106	106	154	153	185	185
17	17	33	33	107	107	155	153	186	186
18	18	34	34	138	138	159	159
19	19	35	35	142	142	164	164
20	20	36	36	145	145	165	165
21	21	96	96	146	146	170	170

In addition, the following prefixes covering certain classifications were changed as follows:

Screw Spikes from 9-B to S. S.
Tie Plates from 9-B to T. P.
Track Bolts from 9-B to T. B.
Track Spikes from 9-B to T. S.

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