WARD H. BOLTER
B223

INLAND STEEL COMPANY

CHICAGO

SUPPLEMENT TO
1921 CATALOGUE

JUNE 1, 1925

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Inland Steel Company

First National Bank Building
CHICAGO

WORKS { Indiana Harbor, Indiana
Milwaukee, Wisconsin
Chicago Heights, Illinois }

Products:

Pig Iron
Coke By-Products
Basic Open Hearth Steel

Blooms
Billets
Slabs
Sheet Bar
Copper Alloy Steel
Bar Angles
Structural Angles
Bulb Angles
Structural Beams
Structural Channels
Ship Channels
Zees
Sheared Plates
Universal Mill Plates
Merchant Bars
Concrete Reinforcing Bars
Tire Sections
Spring Steel Bars
Black Sheets
Electrical Sheets
Deep Stamping Sheets
Galvanized Sheets
Corrugated Sheets
Roofing and Siding
Boiler Rivets
Structural Rivets
Silo Rods
Heavy Tee Rails
Railroad Track Bolts
Railroad Track Spikes
Hot Worked Tie Plates
Cold Worked Tie Plates
Splice Bars
Special Sections

(For Products of Chicago Heights, Illinois Works, See Rail Steel Catalogue)

Branch Offices and Representatives

Dallas Kansas City Los Angeles
Milwaukee New Orleans St. Louis
St. Paul San Francisco Seattle Salt Lake City

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Introductory Notes

This booklet is not a complete list of the material we produce. Its purpose is to revise our general catalogue of 1921, showing additional sizes and sections of **Open Hearth Steel,** which we are now able to furnish and eliminating those products which have become obsolete.

* * *

We now have a comprehensive revised catalogue of our **Rail Steel** products. Therefore, no detailed information pertaining to this material is given in these pages.

* * *

Rails and **Track Accessories** are also covered in a separate book.

* * *

Page numbers prefixed by the letter "S" refer to this supplement; page numbers without a prefix refer to the general catalogue.

* * *

The pages of this booklet are the same size as those in the 1921 Catalogue. For your convenience we would therefore suggest that this supplement be pasted inside the front cover of that book.

Notes on Billets, Bars, Plates and Shapes

Billets

We are now prepared to roll the following sizes in addition to those shown on Page 2:

1⅝" x 1⅝"
1¾" x 1¾"
2½" x 2½"
3½" x 3½"
8" to 14" x 1½" to 2"

Bar Angles

The following bar sized angles are now produced regularly:

1½" x 1½" (A-176-179)
2 " x 2 " (A-164-168)
2½" x 2 " (A-191-196)
2½" x 2½" (A-150-155)

The maximum length to which this material can be rolled is 75 feet. Diagrams of these sections are shown on pages 17, 18, 19 and 20, respectively.

We are no longer equipped to roll 1¼" x 1¼", 1¾" x 1¾", 2" x 1½" or 2¼" x 2¼" Angles.

Structural Angles

We are now prepared to roll 4" x 3½" Angles, 5/16" to 13/16" in thickness (A-236—A-244). See page S-13 for details.

Our maximum thickness on 3½" x 2½" (A-117-123), 3½" x 3" (A-108-113), 3½" x 3½" (A-32-37) and 4" x 3" (A-99-104) Angles is ⅝". Diagrams on pages 24, 25, 26 and 27.

Bulb Angles

We now produce 4" x 3½" x 1½" x ⅜" (BA-1) and 5" x 3½" x 1½" x ⅜" (BA-2) Bulb Angles. These are shown on page S-14.

Zees

Additional Zee Sections have been added as follows: 3" x 2 11/16" x ¼" (6.7#) (Z-15) and 3 1/16" x 2¾" x 5/16" (8.5#) (Z-16). See page S-15.

I Beams

We are now equipped to produce 15" I Beams weighing 81.3#, 85.0#, 90.0#, 95.0# and 100# (B-22). Details are shown on page S-16.

The maximum length we can now furnish in 3" I Beam (B-21) and 4" I Beams (B-22) is 75 feet.

Our minimum weight on 3" I Beams (B-21) is 5.7#, on 4" I Beams (B-22) 7.7#, on 7" I Beams (B-3) 15.3# and on 18" I Beams (B-15) 54.7#.

The weight per foot of the 12" 40.0# I Beam (B-9) has been changed to 40.8# and of the 15" 60.0# I Beam (B-14) to 60.8#. See lists on page 13.

We cannot furnish 24" I Beams weighing more than 100.0# per foot.

Center Sill Beam

We are equipped to roll a 12″ 40.39# (B-23) Center Sill Beam for car work. See diagram on page S-17.

Channels

The maximum length in which we are now prepared to furnish 3″ and 4″ Channels is 75 feet. These Sections are rolled regularly.

Special Channels

A special 3″ 6.5#, 7.1# and 9.0# Channel (C-26) and a special 6″ 12.86# Channel (C-25) can now be furnished. See page S-18.

Ship Channels

The 6″ (C-13), 7″ (C-16), 10″ (C-23) and 12″ (C-3) Ship Channels can be furnished regularly; other sections shown on pages 78 to 94 have been eliminated. The weight per foot of the 6″ Ship Channels (C-13) has been revised from 15.0# to 15.3#. Diagram on page 77.

Side Sill Channel

We can now furnish a 7″ 18.8# (C-24) Side Sill Channel for car work. See diagram on page S-19.

Channel Arch Bars

We have discontinued the production of Channel Arch Bars shown on pages 75 and 76.

Sheared Plates

Revised schedule of sheared plates is shown on page S-10. It will be noted that we now roll plates 1″ in thickness.

Concrete Reinforcing Bars

Inland Bond rounds and squares (see illustrations, page 106) are rolled regularly for reinforcing purposes. The list of sizes shown on page 107 is void. In accordance with the recommendations of the Bureau of Standards of the United States Department of Commerce, we now furnish the following sizes:

INLAND BOND SQUARES			INLAND BOND ROUNDS		
Size	Area in square inches	Weight per foot, pounds	Size	Area in square inches	Weight per foot, pounds
½	.250	.850	⅜	.110	.375
1	1.000	3.400	½	.196	.667
1⅛	1.266	4.303	⅝	.307	1.043
1¼	1.563	5.313	¾	.442	1.502
			⅞	.601	2.044
			1	.785	2.670

These sizes can also be supplied for reinforcing purposes in plain rounds and squares. Complete list of rounds and squares we produce is shown on pages 103 and 104.

Round Edged Flats

Our mills are equipped to roll the following round edged flats:

1″ x 3/16″ to 7/8″
1¼″ to 3″ x 3/16″ to 1″
3¼″ to 4″ x ¼″ to 1″
4¼″ and 4½″ x ¼″ to ½″
4″ to 6″ x 1⅛″, 1¼″ and 1½″

We can also furnish round edge overall concave flats as follows:

1½″ to 3 ″ x #6 ga. to 3/8″
3 ″ to 4½″ x ¼″ to ½″
4 ″ to 6 ″ x 3/8″ to 5/8″

Tire Sections

We now roll 3″ (M-23-30), 4″ (M-31-37), 5″ (M-38-44) and 6″ (M-45-51) square back grooved tire sections, 3″ (M-8-12) and 4″ (M-16-18) round back grooved tire sections and a 2½″ beaded and ribbed tire section (M-1). See illustrations on pages S-20 to S-23, inclusive.

Guy Clamp

A 1 9/16″ x 11/32″ Guy Clamp Section (M-22) can now be furnished. Diagram shown on page S-23.

Bevel Edged Flats

We roll a 2 5/8″ x 3/16″ bevel edged flat (M-20) as shown on page S-24.

Oval Edged Bars

We are equipped to produce a 1½" x ⅞" x ¾" Oval Edged Bar (OB-1). Diagram shown on page S-24.

Half Oval Bars

A 1¾" x 7/16" (1.819#) half oval bar has been substituted for the 1¾" x 5/16" size shown on page 105.

Hexagons

We can furnish a 2" 11.8# hexagon (M-52). See page S-24.

Tie Plates

Due to the changing requirements of the railroads many of the sections shown on pages 169 to 186 are obsolete and a number of new sections have been added. Information pertaining to this material will be furnished on request.

Inland Copper Alloy Steel

By alloying a small percentage of copper with basic open hearth steel, we can now furnish practically all our products in a corrosion resisting material. This we call "INLAND COPPER ALLOY STEEL." It is especially desirable in sheets and plates required for use in places where the steel will be exposed to weather conditions, acids, gases, etc. Complete information will be furnished on request.

Sheared Plates

Extreme Widths and Lengths Rolled in Inches

Gauge	Weight per Sq. Ft.	WIDTHS														
		30	36	42	48	50	56	62	68	72	74	76	78	80	84	90
*No. 8 BWG	6.71	360	360	360	360	360	360	360	300	240	240					
3/16	7.65	420	600	540	500	500	480	420	420	360	320	320	296	240		
1/4	10.20	500	540	540	540	500	500	500	480	480	480	460	420	400	400	300
5/16	12.75	500	540	540	540	540	500	500	480	480	480	460	456	420	400	320
3/8	15.30	500	600	600	540	540	500	500	480	480	456	456	420	396	396	320
7/16	17.85	420	600	600	540	540	500	500	480	480	456	456	420	396	360	300
1/2	20.40	420	600	600	540	500	480	480	480	480	456	456	420	396	360	300
9/16	22.96	420	540	540	480	480	480	420	420	400	360	360	360	320	320	300
5/8	25.50	420	540	540	480	480	420	420	400	400	360	360	320	320	300	300
3/4	30.60	420	480	480	420	420	420	384	384	360	320	320	288	288	264	264
7/8	35.70	420	420	420	400	400	360	300	300	264	264	240	240	240	204	204
1"	40.80	420	420	400	360	360	320	300	300	264	264	240	240	204	204	180

*No. 8 BWG. is .165" (11/64" scant).

Open Hearth Steel

Summary of New Sections

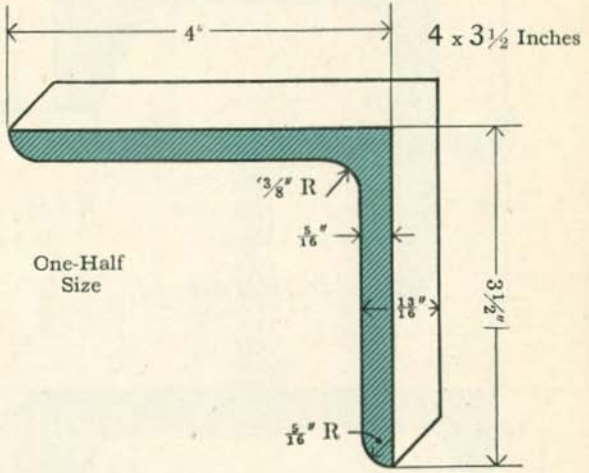
(Our mills have been equipped to roll the following additional sections since the publication of our 1921 Catalogue.)

Section Index	Section	Size, inches	Weight per foot, pounds	Maximum length, feet
A-236	Angle	4 x3½x 5/16	7.7	65
A-237	Angle	4 x3½x 3/8	9.1	65
A-238	Angle	4 x3½x 7/16	10.6	65
A-239	Angle	4 x3½x ½	11.9	65
A-240	Angle	4 x3½x 9/16	13.3	65
A-241	Angle	4 x3½x 5/8	14.7	65
A-242	Angle	4 x3½x 11/16	16.0	59
A-243	Angle	4 x3½x ¾	17.3	55
A-244	Angle	4 x3½x 13/16	18.5	51
BA-1	BulbAngle	4 x3½x1½	11.9	65
BA-2	BulbAngle	5 x3½x1½	13.2	65
Z-15	Zee	3 x2 11/16x ¼	6.7	65
Z-16	Zee	3 1/16x2¾x 5/16	8.5	65
B-22	I Beam	15	81.3	69
B-22	I Beam	15	85.0	66
B-22	I Beam	15	90.0	62
B-22	I Beam	15	95.0	59
B-22	I Beam	15	100.0	56
B-23	Beam	12	40.39	80
C-26	Channel	3	6.5	75
C-26	Channel	3	7.1	75
C-26	Channel	3	9.0	75
C-25	Channel	6	12.86	65
C-24	Channel	7	18.8	65
M-23	Tire	3	3.54	75
M-24	Tire	3	3.86	75
M-25	Tire	3	4.17	75
M-26	Tire	3	4.49	75
M-27	Tire	3	5.45	75
M-28	Tire	3	5.77	75
M-29	Tire	3	6.99	75
M-30	Tire	3	7.68	75

Open Hearth Steel
Summary of New Sections
(Concluded)

Section Index	Section	Size, inches	Weight per foot, pounds	Maximum length, feet
M-31	Tire	4	4.40	75
M-32	Tire	4	4.82	75
M-33	Tire	4	5.23	75
M-34	Tire	4	6.56	75
M-35	Tire	4	7.00	75
M-36	Tire	4	8.79	75
M-37	Tire	4	10.23	75
M-38	Tire	5	5.40	75
M-39	Tire	5	5.94	75
M-40	Tire	5	6.49	75
M-41	Tire	5	8.13	75
M-42	Tire	5	8.67	75
M-43	Tire	5	10.65	75
M-44	Tire	5	12.74	75
M-45	Tire	6	6.48	75
M-46	Tire	6	7.10	75
M-47	Tire	6	7.75	75
M-48	Tire	6	9.70	75
M-49	Tire	6	10.23	75
M-50	Tire	6	12.73	75
M-51	Tire	6	15.23	75
M-8	Tire	3	2.94	75
M-9	Tire	3	3.26	75
M-10	Tire	3	3.90	75
M-11	Tire	3	4.54	75
M-12	Tire	3	5.18	75
M-16	Tire	4	4.45	75
M-17	Tire	4	5.30	75
M-18	Tire	4	6.15	75
M-1	Tire	2½	1.73	60
M-22	Guy Clamp	1 9/16 x 1 11/32	1.70	60
M-20	Flat	2 5/8 x 3/16	1.65	60
OB-1	Oval Bar	1½ x 7/8	4.22	60
M-52	Hexagon	2	11.8	44

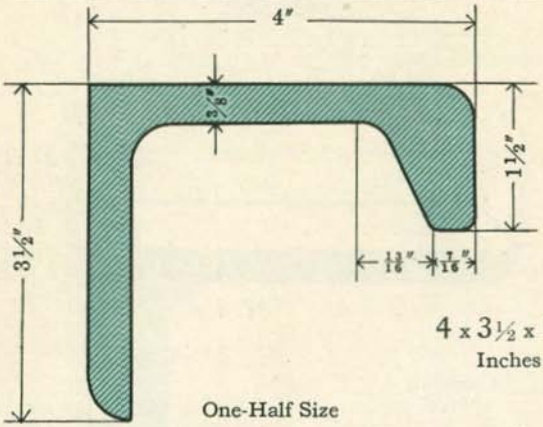
Open Hearth Steel
Angles



Sizes we roll

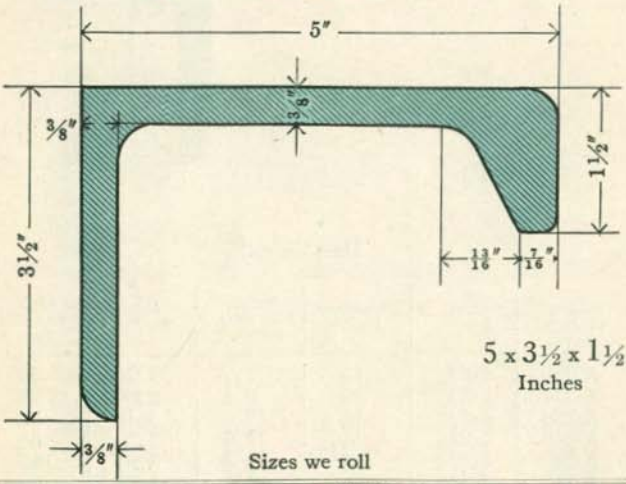
Section Index	Size, Inches	Thickness, Inches	Weight Per Foot, Lbs.	Area, Sq. In.	Max. Length, Feet
A-236	4x3½	5/16	7.7	2.26	65
A-237	4x3½	3/8	9.1	2.68	65
A-238	4x3½	7/16	10.6	3.12	65
A-239	4x3½	½	11.9	3.50	65
A-240	4x3½	9/16	13.3	3.91	65
A-241	4x3½	5/8	14.7	4.32	65
A-242	4x3½	11/16	16.0	4.70	59
A-243	4x3½	¾	17.3	5.10	55
A-244	4x3½	13/16	18.5	5.44	51

Open Hearth Steel
Bulb Angles



4 x 3½ x 1½
Inches

One-Half Size

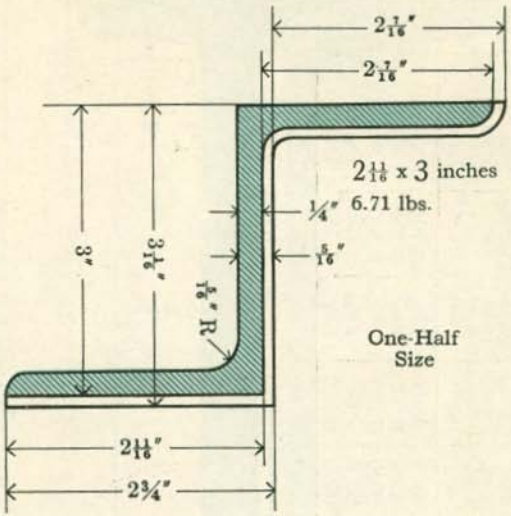


5 x 3½ x 1½
Inches

Sizes we roll

Section Index	Size, Inches	Thickness, Inches	Weight Per Foot, Lbs.	Area, Sq. In.	Max. Length, Feet
B.A.-1	4x3½x1½	⅜	11.9	3.50	65
B.A.-2	5x3½x1½	⅜	13.2	3.88	65

Open Hearth Steel
Zees



Sizes we roll

Section Index	Width of Flange, Inches	Width of Web, Inches	Width of Flange, Inches	Thickness of Web & Flange, Inches	Weight Per Foot, Lbs.	Max. Length, Feet
Z-15	2 11/16	3	2 11/16	1/4	6.7	65
Z-16	2 3/4	3 1/16	2 3/4	5/16	8.5	65

Open Hearth Steel
I Beams

15 inch
81.3 lbs.

One-Third Size

Sizes we roll

Section Index	Depth o Beam, Inches	Weight Per Foot, Lbs.	Width		Thickness of Web		Max. Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of nch	Fractional Parts of Inch	
B-22	15	81.3	6.400	6 13/32	0.810	13/16	69
B-22	15	85.0	6.479	6 31/64	0.889	57/64	66
B-22	15	90.0	6.577	6 37/64	0.987	63/64	62
B-22	15	95.0	6.675	6 43/64	1.085	1 5/64	59
B-22	15	100.0	6.773	6 49/64	1.183	1 3/16	56

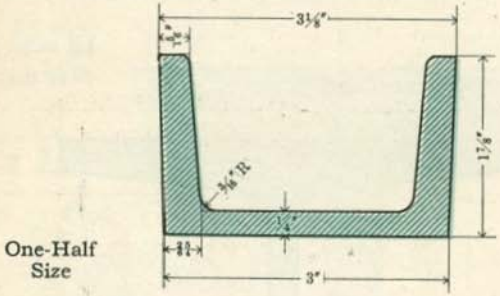
Open Hearth Steel
Center Sill Beam

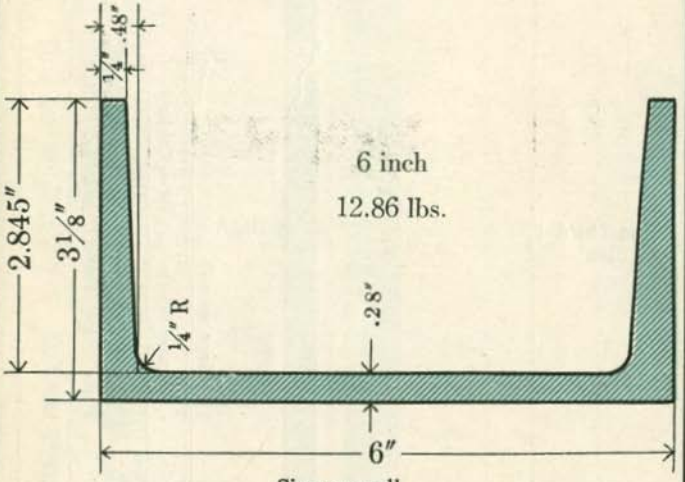
12 inch
40.39 lbs.

Sizes we roll

Section Index	Depth of Beam, Inches	Weight Per Foot, Lbs.	Flange Width			Web Thickn's		Max. Lgth. Feet
			Inches and Decimal Parts		Inches and Fractional Parts		Decimal Parts of Inch	Fractional Parts of Inch	
B-23	12	40.39	7.00	3.25	7	3¼	.468	15/32	80

Open Hearth Steel
Channels

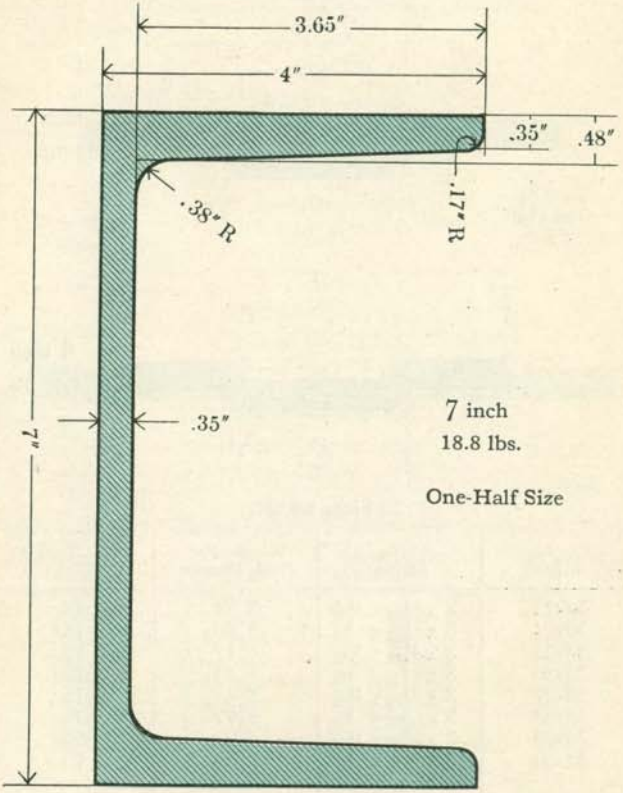




Sizes we roll

Section Index	Depth of Channel Inches	Weight Per Foot, Lbs.	Width		Thickness of Web		Max. Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Part of Inch	Fractional Part of Inch	
C-26	3	6.5	1 7/8	1.875	.25	1/4	75
C-26	3	7.1	1 15/16	1.938	.3125	5/16	75
C-26	3	9.0	2 1/8	2.125	.50	1/2	75
C-25	6	12.86	3.125	3 1/8	.28	9/32	65

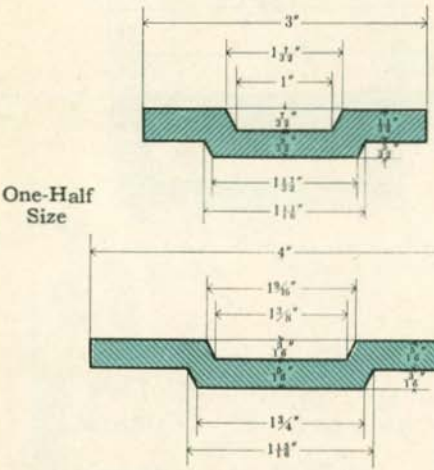
Open Hearth Steel
Side Sill Channel



Sizes we roll

Section Index	Depth of Channel Inches	Weight Per Foot, Lbs.	Width		Thickness of Web		Max. Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Part of Inch	Fractional Part of Inch	
C-24	7	18.8	4	4	.35	11/32	65

Open Hearth Steel
Square Back Grooved
Tire Sections



One-Half Size

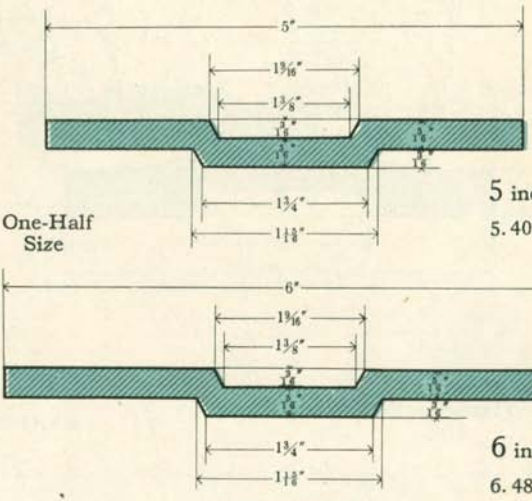
3 inch
3.54 lbs.

4 inch
4.40 lbs.

Sizes we roll

Section Index	Size, Inches	Weight Per Foot, Pounds	Max. Length, Feet
M-23	3 x 9/32 x 11/32	3.54	75
M-24	3 x 5/16 x 3/8	3.86	75
M-25	3 x 11/32 x 13/32	4.17	75
M-26	3 x 3/8 x 7/16	4.49	75
M-27	3 x 15/32 x 17/32	5.45	75
M-28	3 x 1/2 x 9/16	5.77	75
M-29	3 x 5/8 x 11/16	6.99	75
M-30	3 x 11/16 x 3/4	7.68	75
M-31	4 x 5/16 x 5/16	4.40	75
M-32	4 x 11/32 x 11/32	4.82	75
M-33	4 x 3/8 x 3/8	5.23	75
M-34	4 x 15/32 x 15/32	6.56	75
M-35	4 x 1/2 x 1/2	7.0	75
M-36	4 x 5/8 x 5/8	8.7	75
M-37	4 x 3/4 x 3/4	10.23	75

Open Hearth Steel
Square Back Grooved
Tire Sections



One-Half Size

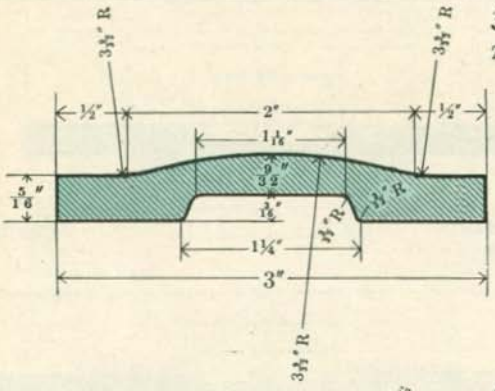
5 inch
5.40 lbs.

6 inch
6.48 lbs.

Sizes we roll

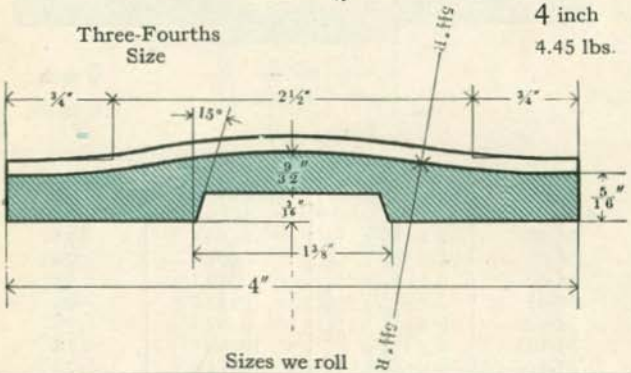
Section Index	Size, Inches	Weight Per Foot, Pounds	Max. Length, Feet
M-38	5 x 5/16 x 5/16	5.40	75
M-39	5 x 11/32 x 11/32	5.94	75
M-40	5 x 3/8 x 3/8	6.49	75
M-41	5 x 15/32 x 15/32	8.13	75
M-42	5 x 1/2 x 1/2	8.67	75
M-43	5 x 5/8 x 5/8	10.65	75
M-44	5 x 3/4 x 3/4	12.74	75
M-45	6 x 5/16 x 5/16	6.48	75
M-46	6 x 11/32 x 11/32	7.10	75
M-47	6 x 3/8 x 3/8	7.75	75
M-48	6 x 15/32 x 15/32	9.70	75
M-49	6 x 1/2 x 1/2	10.23	75
M-50	6 x 5/8 x 5/8	12.73	75
M-51	6 x 3/4 x 3/4	15.23	75

Open Hearth Steel
Round Back Grooved
Tire Sections



3 inch
2.94 lbs.

Three-Fourths Size

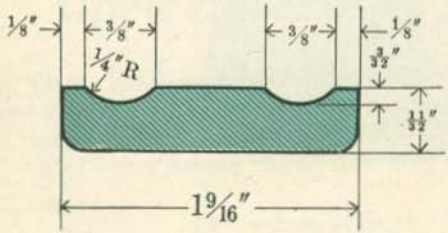


4 inch
4.45 lbs.

Sizes we roll

Section Index	Size, Inches	Weight Per Foot, Pounds	Max. Length, Feet
M-8	3 x 9/32 x 1/4	2.94	75
M-9	3 x 5/16 x 9/32	3.26	75
M-10	3 x 3/8 x 11/32	3.90	75
M-11	3 x 7/16 x 13/32	4.54	75
M-12	3 x 1/2 x 15/32	5.18	75
M-16	4 x 5/16 x 9/32	4.45	75
M-17	4 x 3/8 x 11/32	5.30	75
M-18	4 x 7/16 x 13/32	6.15	75

Open Hearth Steel
Guy Clamp



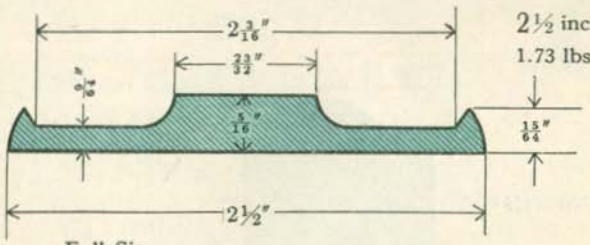
1 9/16 x 11/32 inches
1.705 lbs.

Full Size

Sizes we roll

Section Index	Size, Inches	Weight Per Foot, Pounds	Max. Length, Feet
M-22	1 9/16 x 11/32	1.705	60

Beaded and Ribbed
Tire Section



2½ inch
1.73 lbs.

Full Size

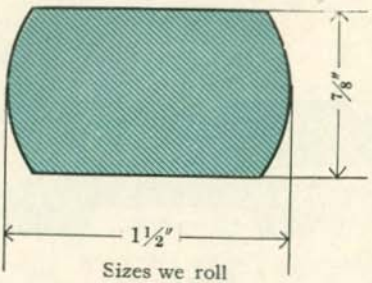
Sizes we roll

Section Index	Width, Inches	Thickness, Inches	Weight Per Foot, Pounds,	Max. Length, Feet
M-1	2½	5/16 x 9/64	1.73	60

Open Hearth Steel—Special Bars

Oval Edged Bar

Full Size



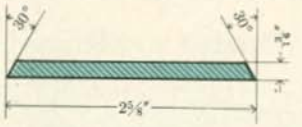
$1\frac{1}{2} \times \frac{7}{8}$ Inches

Sizes we roll

Section Index	Width of Bar, Inches	Thickness, Inches	Radius of Ends, In.	Weight per Foot, Lbs.	Max. Lgth., Feet
O.B.-1	$1\frac{1}{2}$	$\frac{7}{8}$	$\frac{3}{4}$	4.22	60

Bevel Edged Flat

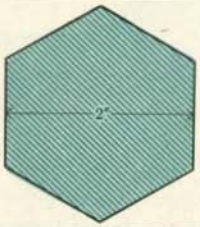
One-Half Size



$2\frac{5}{8} \times \frac{3}{16}$ Inches

Section Index	Size, Inches	Weight Per Foot, Pounds	Max. Length, Feet
M-20	$2\frac{5}{8} \times \frac{3}{16}$	1.65	60

One-Half Size



Hexagon

2 Inch
11.8 lbs.

Section Index	Size Inches	Weight Per Foot, Pounds	Max. Length Feet
M-52	2	11.8	44

Notes on Open Hearth Sheet Steel

Our Brand

The brand, fac-simile of which is below, has been substituted for the brand shown on page 110.

Extreme Sizes

Schedule shown on page S-32 replaces list on page 101. The heavier material which is not included in the revised schedule can be furnished only as plates.

Inland Open Hearth Sheet Steel Products

The following is a list of the products of our sheet mills showing special as well as regular finishes:

Inland Windmill Stock
Inland Tack Plate
Inland Grain Spout Stock
Inland Open Hearth Blue Annealed
Inland Open Hearth Blue Annealed Smooth
Inland Open Hearth Range Boiler Stock

Inland Galvanizing Stock
Inland Powder Keg Stock
Inland Open Hearth Box Annealed
Inland Open Hearth Ceiling Stock
Inland Locomotive Jacket Steel
Inland Open Hearth Refined
Inland Open Hearth Refined Medium
Inland Full Cold Rolled Japanning Stock
Inland Refined Japanning Stock
Inland Locker Stock
Inland Blued Stove Pipe Stock (25 gauge and lighter)
Inland Blued Elbow Stock
Inland Armature Sheets
Inland Single Pickled (16 gauge and heavier)
Inland Single Pickled Box Annealed (17 gauge and lighter)
Inland Open Hearth Enameling Stock
Inland Open Hearth Range Enameling Stock
Inland Open Hearth Special
Inland Special Locomotive Jacket Steel
Inland Open Hearth Galvanized
Inland Open Hearth Galvanized Tight Coated
Inland Open Hearth Galvanized Special Coated
Inland Galvanized Sign Board Stock
Inland Galvanized Windmill Stock
Inland Galvanized Ice Can Stock
Inland Galvanized Flume Stock
Inland Galvanized Refrigerator Lining Stock
Inland Copper Alloy Sheet Steel
Inland Copper Alloy Galvanized Culvert Stock
Inland Painted and Formed Roofing
Inland Deep Drawing Open Hearth
Inland Extra Deep Drawing Open Hearth

Recommendation for Simplified Sheet Steel Practice

In accordance with the unanimous action on October 14, 1924, of the General Conference of Manufacturers, Distributors and Consumers of Sheet Steel, the United States Department of Commerce, through the Bureau of Standards has recommended that simplified sizes and weights of sheet steel be established as shown in the schedule on pages S-30 and S-31 .The Inland Steel Company is endeavoring to confine sales to the sizes listed.

Roofing

In compliance with the simplification schedule shown on pages S-30 and S-31, we are eliminating painted and formed roofing lighter than 28 gauge.

Sheet Mill Tolerances For Weight

The following tolerances for weight should be substituted for data on page 111:

On No. 16 U.S.S. Gauge and heavier a plus or minus tolerance of 5 per cent.

On No. 17 to No. 22 U.S.S. Gauge (incl.) a plus or minus tolerance of 3½ per cent.

On No. 23 U.S.S.Gauge and lighter a plus or minus tolerance of 2½ per cent.

Sheet Mill Shearing Tolerances

Schedule of shearing tolerances which follows revises information given on page 111.

WIDTH

All Grades

Not scant; not in excess by more than $\frac{1}{4}''$

Resquared

Not over $\frac{1}{16}''$

Patent Leveled not Resquared

Not scant; not more than $\frac{1}{2}''$ up to 96″ long; $\frac{3}{4}''$—96″ to 120″ long; 1″ over 120″ long.

LENGTH

Blue Annealed

Not scant; not over $\frac{1}{2}''$ for 120″ long; plus $\frac{1}{4}''$ for each 60″ additional.

One Pass and Galvanized

Not scant; not over $\frac{3}{4}''$ for 96″ long; plus $\frac{1}{4}''$ for each 24″ additional.

Cold Rolled after Annealed—2 inches

Resquared—$\frac{1}{16}''$

Diameter Circle—$\frac{1}{8}''$

Out of Square—$\frac{1}{8}''$ per foot of sheet width

Patent Levelled not Resquared

Must have length ordered between grip marks; excess length not more than 6″; if "No allowance for grip marks" be ordered, excess should not be over 3″ for 120″ and 4″ for longer sheets.

CAMBER

Blue Annealed

$\frac{1}{4}''$ up to 144″ long; $\frac{1}{2}''$—144″ to 216″ long; $\frac{3}{4}''$ over 216″ long

One Pass and Galvanized

¼″ up to 72″ long; ⅜″—72″ to 96″ long; ½″—96″ to 120″ long; ⅝″ over 120″ long

Resquared

1/16″ up to 120″ long; ⅛″ over 120″ long

Patent Leveled Sheets

These Sheets can be furnished in No. 12 to No. 22 U.S.S. gauge only. The minimum effective width is 20″ and the maximum 60″; the minimum effective length is 60″, the maximum is 144″. This revises information on page 112.

Resquared Sheets

We can resquare sheets up to and including 144″ in length and in all widths.

Cross Locks

Clause on page 127 should read "Cross Locks are regularly double seamed, but single seamed locks can be furnished."

Ridge Roll, Capping and Flashing

This material can be furnished in Black, Painted and Galvanized Sheets. The plain sheets can be supplied in 16 gauge and lighter, the corrugated sheets in 20 gauge and lighter. When ordering corrugated ridge roll, capping or flashing it is advisable to specify short lengths, preferably 26 inches.

Schedule of Simplified Sheet Steel Practice

GALVANIZED FLAT SHEETS

GAUGE							
12	.....	.....	.....	.....	.....	.....	.....
14	.....	.....	.....	.....	.....	.....	28x120
16	24x96	.....	.....	.....	.....	.....	28x120
18	24x96	24x120	26x96	.....	.....	28x96	28x120
20	24x96	24x120	26x96	.....	.....	28x96	28x120
22	24x96	24x120	26x96	.....	.....	28x96	28x120
24	24x96	24x120	26x96	26x120	.....	28x96	28x120
26	24x96	24x120	26x96	26x120	28x84	28x96	28x120
28	24x96	24x120	26x96	26x120	28x84	28x96	28x120
29	.....	24x120	26x96	26x120	28x84	28x96	28x120
30	24x96	.....	26x96	.....	.....	.....	28x120

GAUGE							
12	.....	.....	.....	.....	.....	48x96	48x120
14	30x96	30x120	36x96	36x120	.....	48x96	48x120
16	30x96	30x120	36x96	36x120	.....	48x96	48x120
18	30x96	30x120	36x96	36x120	.....	.....	48x120
20	30x96	30x120	36x96	36x120	.....	48x96	48x120
22	30x96	30x120	36x96	36x120	.....	.....	.....
24	30x96	30x120	36x96	36x120	.....	.....	.....
26	30x96	30x120	36x96	36x120	.....	.....	.....
28	30x96	30x120	36x96	36x120	.....	.....	.....
29	30x96	30x120	36x96	36x120	.....	.....	.....
30	30x96	30x120	36x96	.....	.....	.....	.....

ONE PASS COLD ROLLED BOX ANNEALED SHEETS

GAUGE							
16	.....	.....	.....	.....	.....	.....	.....
18	24x96	.....	.....	.....	28x96	.....	.....
20	24x96	.....	.....	.....	28x96	28x108	.....
22	24x96	.....	.....	.....	28x96	28x108	.....
24	24x96	24x101	.....	.....	28x96	28x108	.....
26	24x96	24x101	.....	.....	.....	.....	.....
28	24x96	24x101	.....	.....	.....	.....	.....
29	.....	24x101	.....	.....	.....	.....	.....
30	.....	.....	.....	.....	.....	.....	.....

GAUGE							
16	.....	.....	.....	.....	.....	.....	.....
18	30x96	.....	36x96	.....	.....	.....	.....
20	30x96	30x120	36x96	36x120	.....	48x120	.....
22	30x96	30x120	36x96	36x120	.....	48x120	.....
24	30x96	30x120	36x96	36x120	.....	.....	.....
26	30x96	30x120	36x96	36x120	.....	.....	.....
28	30x96	.....	36x96	.....	.....	.....	.....
29	30x96	30x120	36x96	.....	.....	.....	.....
30	30x96	.....	.....	.....	.....	.....	.....

BLUE ANNEALED SHEETS

GAUGE							
8	.....	48x240	60x240	.....	.....	.....	.....
10	24x96	48x156	60x156	.....	.....	.....	.....
12	24x96	.....	.....	.....	.....	.....	.....
14	24x96	.....	60x120	.....	.....	.....	.....
16	24x96	.....	.....	.....	.....	.....	.....
10	42x96	48x96	72x96	72x120	72x144	72x156	.....
12	42x96	48x96	.....	.....	.....	.....	.....
14	42x96	48x96	.....	.....	.....	.....	.....
16	42x96	48x96	.....	.....	.....	.....	.....

GAUGE							
8	.....	.....	.....	.....	.....	.....	.....
10	30x96	30x120	36x96	36x130	36x144	48x120	36x168
12	30x96	30x120	36x96	36x120	36x144	48x120	.....
14	30x96	30x120	36x96	36x120	36x144	48x120	.....
16	30x96	30x120	36x96	36x120	36x144	48x120	.....
10	.....	60x96	60x120	.....	48x144	60x144	.....
12	42x120	60x96	60x120	.....	48x144	60x144	.....
14	42x120	.....	.....	.....	48x144	.....	.....
16	42x120	.....	.....	.....	48x144	.....	.....

CORRUGATED ROOFING AND SIDING

GALVANIZED—Present standard widths and corrugations. In even foot lengths 5′-0″ to 12′-0″ in 28 Gauge and heavier, ***Even Gauges.***

PAINTED— Present standard widths and corrugations. In even foot lengths 5′-0″ to 12′-0″ in 28 Gauge and heavier, ***Even Gauges.***

ROOFING—(All other styles and Patterns)

GALVANIZED—Present standard styles and patterns in 28 gauge and heavier, ***Even Gauges.***

PAINTED— Present standard styles and patterns in 28 gauge and heavier, ***Even Gauges.***

Sheet and Jobbing Mill Products

Extreme Widths and Lengths Rolled

U. S. Standard Gauge	WIDTHS / LENGTHS																		
	60	58	56	54	52	50	48	46	44	42	40	38	36	34	32	30	28	26	24
7 3/16"	228	228	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
8 11/64"	228	228	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240	240
9—10	228	228	240	240	240	240	240	240	240	240	240	240	240	240	240	228	240	240	240
11—12	216	216	240	240	240	240	240	240	240	240	240	240	240	240	240	216	240	240	240
13—14	180	180	204	204	204	204	204	204	204	204	204	204	204	204	204	180	204	204	204
16	...	...	....	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168	168
17—18	...	...	...	....	....	120	144	144	144	144	144	144	144	144	144	144	144	144	144
20—24	...	...	...	...	....	....	144	144	144	144	144	144	144	144	144	144	144	144	144
25—26	...	...	...	...	....	....	....	....	96	120	144	144	144	144	144	144	144	144	144
27—28	...	...	...	....	....	....	....	....	96	120	144	144	144	144	144	144	144	144	144
29—30	...	...	...	....	....	....	....	....	....	....	....	....	144	144	144	144	144	144	144

Inland Open Hearth Galvanized, only up to 144 inches long and 48 inches wide.
Inland Open Hearth Box Annealed, only up to 144 inches long and 48 inches wide.

Index

Index—Concluded