

JONES & LAUGHLIN
STEEL CORPORATION

PITTSBURGH



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**JONES & LAUGHLIN
STEEL CORPORATION**

AMERICAN IRON AND STEEL WORKS

Manufacturers of

**OPEN HEARTH AND BESSEMER
STEEL PRODUCTS**



General Offices

**JONES & LAUGHLIN BUILDING
PITTSBURGH, PA.
U. S. A.**

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JONES & LAUGHLIN
STEEL CORPORATION

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JONES & LAUGHLIN STEEL CORPORATION

Issued.....1926

OFFICES

GENERAL OFFICES: PITTSBURGH

WAREHOUSES

CHICAGO, MEMPHIS, PITTSBURGH

DISTRICT SALES OFFICES

BOSTON, 131 State Street

BUFFALO, White Building

CHICAGO, Lake and Canal Streets

CINCINNATI, Union Trust Company Building

CLEVELAND, Union Trust Building

DENVER, First National Bank Building

DETROIT, Penobscot Building

LOS ANGELES, Spring Arcade Building

MEMPHIS, No. 1 Auction Street

MILWAUKEE, First National Bank Building

MINNEAPOLIS, Plymouth Building

NEW YORK, 165 Broadway

PHILADELPHIA, Commercial Trust Building

PITTSBURGH, Jones & Laughlin Building

SAN FRANCISCO, Standard Oil Building

SEATTLE, L. C. Smith Building

ST. LOUIS, Boatmen's Bank Building

WASHINGTON, Woodward Building

PRODUCTS

OPEN HEARTH AND BESSEMER STEEL

HOT ROLLED PRODUCTS

Billets Blooms Slabs
Sheet Bars Skelp
Bands Flats Hexagons
Rounds Squares
Agricultural Shapes Special Shapes

Bars for Concrete Reinforcement

(Straight, Bent and Fabricated)

Angles Beams Channels
Tees Zees

Plates for Bridges, Tanks, Boilers,
Cars and Ships

JUNIOR BEAMS

RAILROAD SPIKES

Light Rails and Accessories Tie Plates

FABRICATED STRUCTURAL WORK

Columns Girders Trusses
Plate Work Steel Barges Tanks
Mill and Factory Building

PRODUCTS

COLD FINISHED STEEL

Shafting and Screw Stock
Rounds Squares Hexagons Flats
Special Shapes Pump and Piston Rods

TUBULAR PRODUCTS

Standard Pipe Line Pipe Casing Tubing
Drive and Rotary Drill Pipe

WIRE PRODUCTS

Wire Rods
Bright, Annealed and Galvanized Wire
Spring Wire Barbed Wire Woven Fencing
Bright, Coated and Galvanized Nails
Fence Staples Netting Staples

TIN MILL PRODUCTS

Coke Tin Plate Black Sheets (Tin Mill Sizes)

COKE BY-PRODUCTS DOMESTIC COKE

PUBLICATIONS

Cold Finished Products

Junior Beams

Shapes

Structural Steel Hand Book

Tubular Products

Useful Information

Wire

Wire Nails

Wire Products

Woven Fencing

This book contains a list of the various sections rolled by the Jones & Laughlin Steel Corporation.

The dimensions of all sections given herein are theoretical as they are subject to the customary rolling variations.

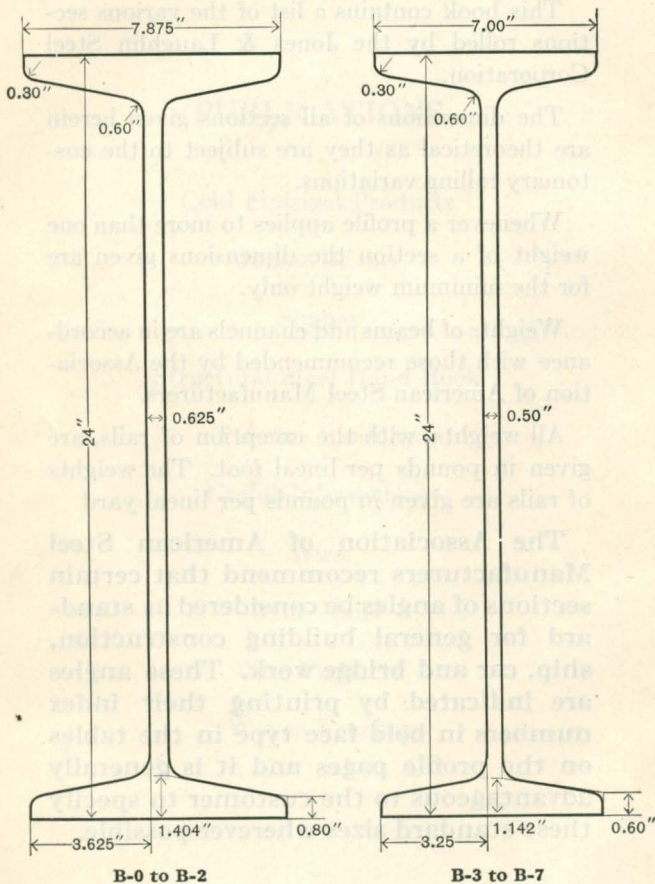
Whenever a profile applies to more than one weight of a section the dimensions given are for the minimum weight only.

Weights of beams and channels are in accordance with those recommended by the Association of American Steel Manufacturers.

All weights, with the exception of rails, are given in pounds per lineal foot. The weights of rails are given in pounds per lineal yard.

The Association of American Steel Manufacturers recommend that certain sections of angles be considered as standard for general building construction, ship, car and bridge work. These angles are indicated by printing their index numbers in bold face type in the tables on the profile pages and it is generally advantageous to the customer to specify these standard sizes wherever possible.

Beams



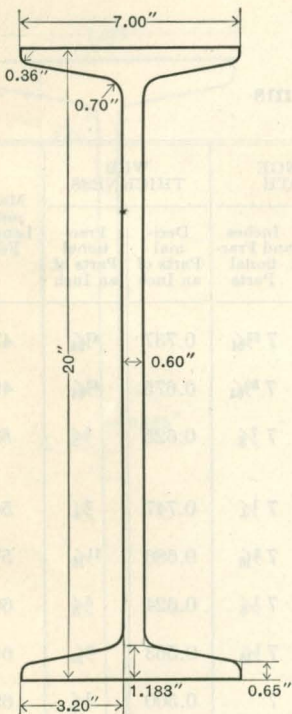
JONES & LAUGHLIN STEEL CORPORATION

Beams

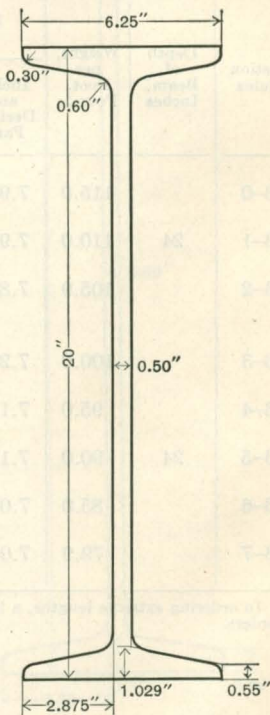
Section Index	Depth of Beam, Inches	Weight, per Foot, Pounds	FLANGE WIDTH		WEB THICKNESS		Maximum Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch	
B-0		115.0	7.987	7 $\frac{63}{64}$	0.737	$\frac{47}{64}$	47
B-1	24	110.0	7.925	7 $\frac{59}{64}$	0.675	$\frac{43}{64}$	49
B-2		105.9	7.875	7 $\frac{7}{8}$	0.625	$\frac{5}{8}$	52
B-3		100.0	7.247	7 $\frac{1}{4}$	0.747	$\frac{3}{4}$	54
B-4		95.0	7.186	7 $\frac{3}{16}$	0.686	$\frac{11}{16}$	57
B-5	24	90.0	7.124	7 $\frac{1}{8}$	0.624	$\frac{5}{8}$	60
B-6		85.0	7.063	7 $\frac{1}{16}$	0.563	$\frac{9}{16}$	64
B-7		79.9	7.000	7	0.500	$\frac{1}{2}$	69

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Beams



B-12 to B-16



B-20 to B-22

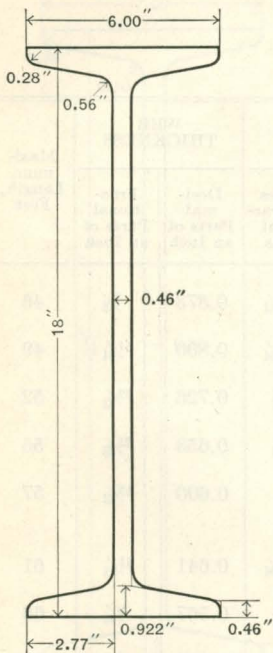
JONES & LAUGHLIN STEEL CORPORATION

Beams

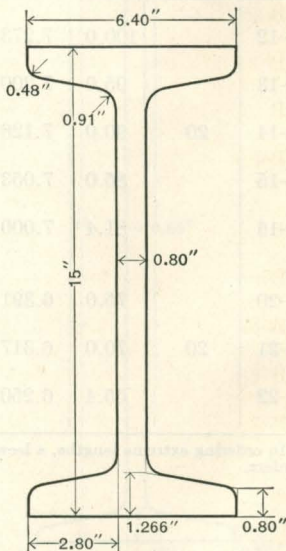
Section Index	Depth of Beam, Inches	Weight, per Foot, Pounds	FLANGE WIDTH		WEB THICKNESS		Maximum Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch	
B-12		100.0	7.273	7 $\frac{17}{64}$	0.873	$\frac{7}{8}$	46
B-13		95.0	7.200	7 $\frac{13}{64}$	0.800	$\frac{51}{64}$	49
B-14	20	90.0	7.126	7 $\frac{1}{8}$	0.726	$\frac{23}{32}$	52
B-15		85.0	7.053	7 $\frac{3}{64}$	0.653	$\frac{21}{32}$	55
B-16		81.4	7.000	7	0.600	$\frac{19}{32}$	57
B-20		75.0	6.391	6 $\frac{25}{64}$	0.641	$\frac{41}{64}$	61
B-21	20	70.0	6.317	6 $\frac{5}{16}$	0.567	$\frac{9}{16}$	66
B-22		65.4	6.250	6 $\frac{1}{4}$	0.500	$\frac{1}{2}$	72

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Beams



B-27 to B-30



B-35 to B-39

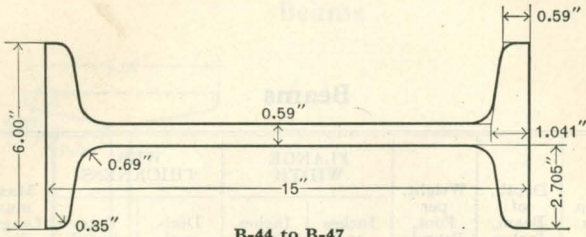
JONES & LAUGHLIN STEEL CORPORATION

Beams

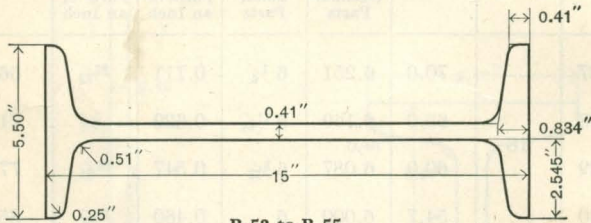
Section Index	Depth, of Beam, Inches	Weight, per Foot, Pounds	FLANGE WIDTH		WEB THICKNESS		Maximum Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch	
B-27	18	70.0	6.251	6 1/4	0.711	23/32	66
B-28		65.0	6.169	6 11/64	0.629	5/8	71
B-29		60.0	6.087	6 3/32	0.547	35/64	77
B-30		54.7	6.000	6	0.460	21/64	85
B-35	15	100.0	6.792	6 51/64	1.192	1 3/16	40
B-36		95.0	6.694	6 11/16	1.094	1 3/32	42
B-37		90.0	6.596	6 19/32	0.996	1	45
B-38		85.0	6.498	6 1/2	0.898	29/32	48
B-39		81.3	6.400	6 13/32	0.800	51/64	51

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

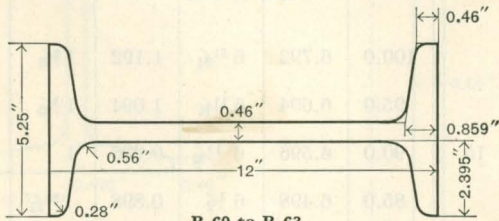
Beams



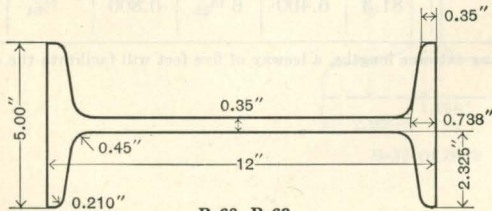
B-44 to B-47



B-52 to B-55



B-60 to B-63



B-68, B-69

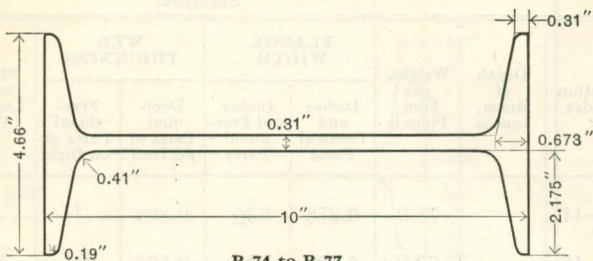
JONES & LAUGHLIN STEEL CORPORATION

Beams

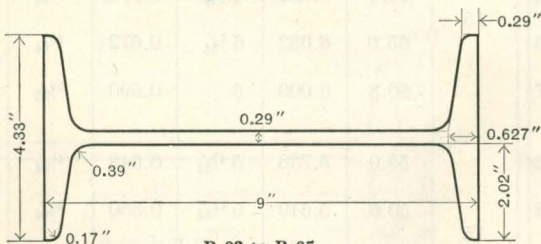
Section Index	Depth of Beam, Inches	Weight, per Foot, Pounds	FLANGE WIDTH		WEB THICKNESS		Maximum Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch	
B-44	15	75.0	6.278	6 $\frac{9}{32}$	0.868	$\frac{7}{8}$	55
B-45		70.0	6.180	6 $\frac{3}{16}$	0.770	$\frac{49}{64}$	59
B-46		65.0	6.082	6 $\frac{5}{64}$	0.672	$\frac{43}{64}$	63
B-47		60.8	6.000	6	0.590	$\frac{19}{32}$	69
B-52	15	55.0	5.738	5 $\frac{47}{64}$	0.648	$\frac{41}{64}$	76
B-53		50.0	5.640	5 $\frac{41}{64}$	0.550	$\frac{35}{64}$	84
B-54		45.0	5.542	5 $\frac{35}{64}$	0.452	$\frac{29}{64}$	93
B-55		42.9	5.500	5 $\frac{1}{2}$	0.410	$\frac{13}{32}$	95
B-60	12	55.0	5.600	5 $\frac{19}{32}$	0.810	$\frac{13}{16}$	54
B-61		50.0	5.477	5 $\frac{31}{64}$	0.687	$\frac{11}{16}$	60
B-62		45.0	5.355	5 $\frac{23}{64}$	0.565	$\frac{9}{16}$	64
B-63		40.8	5.250	5 $\frac{1}{4}$	0.460	$\frac{29}{64}$	73
B-68	12	35.0	5.078	5 $\frac{5}{64}$	0.428	$\frac{27}{64}$	84
B-69		31.8	5.000	5	0.350	$\frac{11}{32}$	94

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

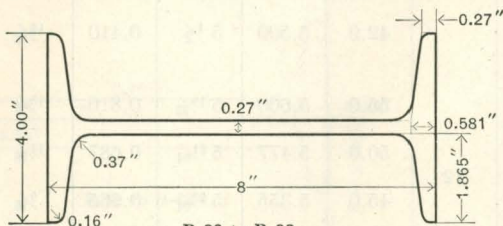
Beams



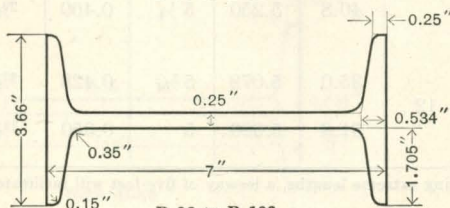
B-74 to B-77



B-82 to B-85



B-90 to B-93



B-98 to B-100

JONES & LAUGHLIN STEEL CORPORATION

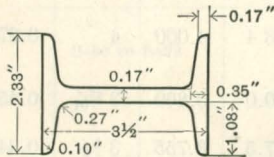
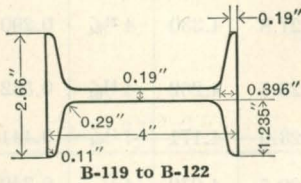
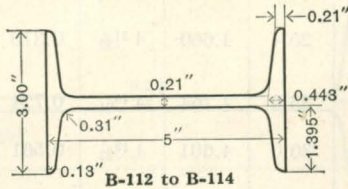
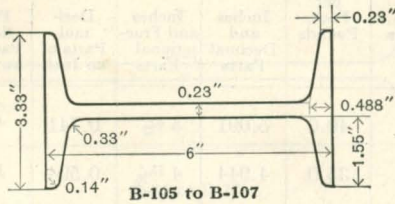
Beams

Section Index	Depth of Beam, Inches	Weight, per Foot, Pounds	FLANGE WIDTH		WEB THICKNESS		Maximum Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch	
B-74	10	40.0	5.091	5 $\frac{3}{32}$	0.741	$\frac{47}{64}$	80
B-75		35.0	4.944	4 $\frac{15}{16}$	0.594	$\frac{19}{32}$	90
B-76		30.0	4.797	4 $\frac{51}{64}$	0.447	$\frac{29}{64}$	100
B-77		25.4	4.660	4 $\frac{21}{32}$	0.310	$\frac{5}{16}$	100
B-82		35.0	4.764	4 $\frac{49}{64}$	0.724	$\frac{23}{32}$	90
B-83	9	30.0	4.601	4 $\frac{19}{32}$	0.561	$\frac{9}{16}$	100
B-84		25.0	4.437	4 $\frac{7}{16}$	0.397	$\frac{25}{64}$	100
B-85		21.8	4.330	4 $\frac{21}{64}$	0.290	$\frac{15}{64}$	100
B-90	8	25.5	4.262	4 $\frac{17}{64}$	0.532	$\frac{17}{32}$	90
B-91		23.0	4.171	4 $\frac{11}{64}$	0.441	$\frac{7}{16}$	100
B-92		20.5	4.079	4 $\frac{5}{64}$	0.349	$\frac{11}{32}$	100
B-93		18.4	4.000	4	0.270	$\frac{17}{64}$	100
B-98		20.0	3.860	3 $\frac{55}{64}$	0.450	$\frac{29}{64}$	90
B-99	7	17.5	3.755	3 $\frac{3}{4}$	0.345	$\frac{11}{32}$	100
B-100		15.3	3.660	3 $\frac{21}{32}$	0.250	$\frac{1}{4}$	100

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Lengths over 75 feet are made only by special arrangement.

Beams



*Made only by special arrangement.

JONES & LAUGHLIN STEEL CORPORATION

Beams

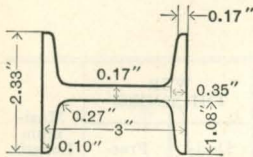
Section Index	Depth of Beam, Inches	Weight, per Foot, Pounds	FLANGE WIDTH		WEB THICKNESS		Maximum Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch	
B-105	6	17.25	3.565	3 $\frac{9}{16}$	0.465	$\frac{15}{32}$	90
B-106		14.75	3.443	3 $\frac{7}{16}$	0.343	$\frac{11}{32}$	100
B-107		12.50	3.330	3 $\frac{21}{64}$	0.230	$\frac{15}{64}$	100
B-112	5	14.75	3.284	3 $\frac{9}{32}$	0.494	$\frac{1}{2}$	80
B-113		12.25	3.137	3 $\frac{9}{64}$	0.347	$\frac{11}{32}$	95
B-114		10.00	3.000	3	0.210	$\frac{13}{64}$	100
B-119	4	10.50	2.870	2 $\frac{7}{8}$	0.400	$\frac{13}{32}$	50
B-120		9.50	2.796	2 $\frac{51}{64}$	0.326	$\frac{21}{64}$	55
B-121		8.50	2.723	2 $\frac{23}{32}$	0.253	$\frac{1}{4}$	65
B-122		7.70	2.660	2 $\frac{21}{32}$	0.190	$\frac{3}{16}$	65
*B-125	$3\frac{1}{2}$	5.80	2.330	2 $\frac{21}{64}$	0.170	$\frac{11}{64}$	42

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

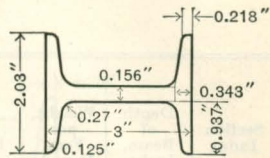
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Beams

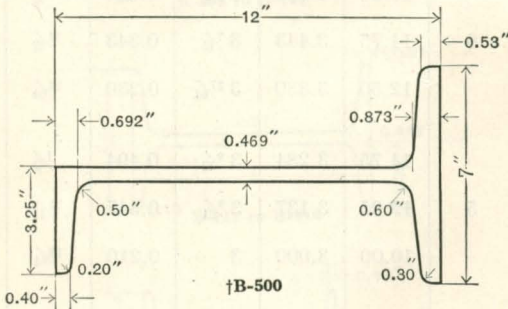


B-127 to B-129



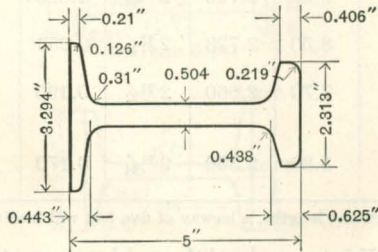
*B-134

Center Sill Beam



†B-500

Track Beam



B-341

*Made only by special arrangement.

†Car Building Section.

JONES & LAUGHLIN STEEL CORPORATION

Beams

Section Index	Depth of Beam, Inches	Weight, per Foot, Pounds	FLANGE WIDTH		WEB THICKNESS		Maximum Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch	
B-127		7.5	2.509	2 ³³ / ₆₄	0.349	1 ¹¹ / ₃₂	33
B-128	3	6.5	2.411	2 ¹³ / ₃₂	0.251	1/4	38
B-129		5.7	2.330	2 ²¹ / ₆₄	0.170	1 ¹¹ / ₆₄	45
*B-134	3	5.2	2.030	2 ¹ / ₃₂	0.156	5/32	47

Center Sill Beam

Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	FLANGE WIDTHS, INCHES		Web Thickness, Inches	Maximum Length, Feet
†B-500	12	40.3	7	3 ¹ / ₄	1 ¹⁵ / ₃₂	85

Track Beam

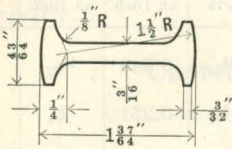
Section Index	Depth of Beam, Inches	Weight per Foot, Pounds	FLANGE WIDTHS, INCHES		Web Thickness, Inches	Maximum Length, Feet
*B-341	5	14.9	3.294	2 ¹ / ₆₄	0.504	80

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

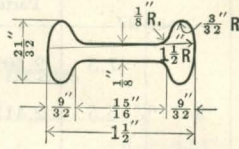
†B-500 is a Car Building Section.

*Made only by special arrangement.

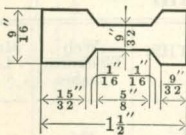
Cultivator Beams



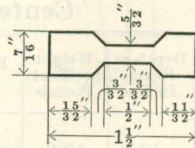
B-200



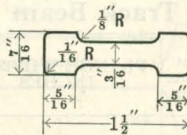
B-205



B-210



B-215 to B-217

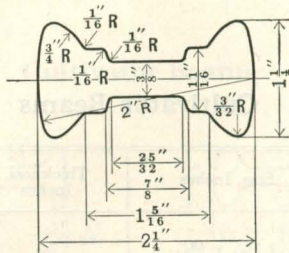


B-219 to B-222

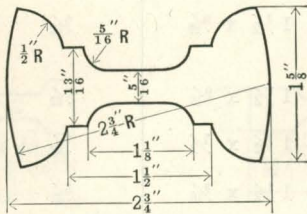
Cultivator Beams

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
B-200	$1 \frac{37}{64} \times \frac{43}{64}$	$\frac{3}{16}$	1.50
B-205	$1 \frac{1}{2} \times \frac{21}{32}$	$\frac{1}{8}$	1.40
B-210	$1 \frac{1}{2} \times \frac{9}{16}$	$\frac{9}{32}$	2.23
B-215	$1 \frac{1}{2} \times \frac{9}{16}$	$\frac{9}{32}$	2.32
B-216	$1 \frac{1}{2} \times \frac{1}{2}$	$\frac{7}{32}$	2.00
B-217	$1 \frac{1}{2} \times \frac{7}{16}$	$\frac{5}{32}$	1.68
B-219	$1 \frac{1}{2} \times \frac{5}{8}$	$\frac{3}{8}$	2.49
B-220	$1 \frac{1}{2} \times \frac{9}{16}$	$\frac{5}{16}$	2.17
B-221	$1 \frac{1}{2} \times \frac{1}{2}$	$\frac{1}{4}$	1.85
B-222	$1 \frac{1}{2} \times \frac{7}{16}$	$\frac{3}{16}$	1.53

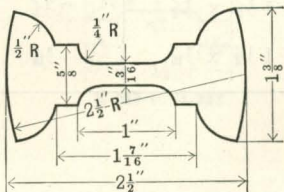
Plow Beams



B-191 and B-192



B-430 to B-435

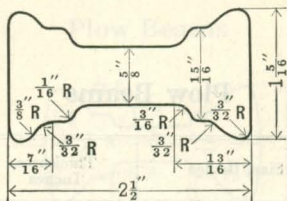


B-450 to B-455

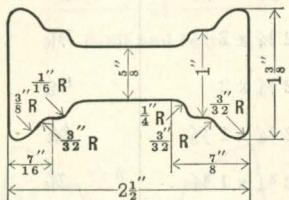
Plow Beams

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
B-191	2 1/4 x 1 1/4	11/16	5.4
B-192	2 1/4 x 1 1/8	9/16	4.4
B-430	2 3/4 x 2 1/8	13/16	12.8
B-431	2 3/4 x 2	11/16	11.7
B-432	2 3/4 x 1 7/8	9/16	10.5
B-433	2 3/4 x 1 3/4	7/16	9.3
B-434	2 3/4 x 1 21/32	11/32	8.4
B-435	2 3/4 x 1 5/8	5/16	8.1
B-450	2 1/2 x 2	13/16	11.2
B-451	2 1/2 x 1 7/8	11/16	10.1
B-452	2 1/2 x 1 3/4	9/16	9.1
B-453	2 1/2 x 1 5/8	7/16	8.0
B-454	2 1/2 x 1 1/2	5/16	6.9
B-455	2 1/2 x 1 3/8	3/16	5.8

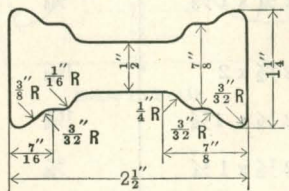
Plow Beams



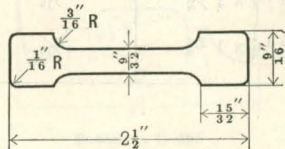
B-183 and B-184



B-188 and B-189



B-190



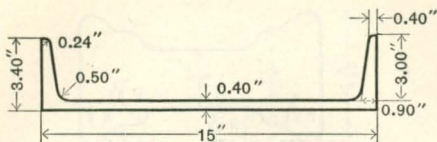
B-460 to B-465

JONES & LAUGHLIN STEEL CORPORATION

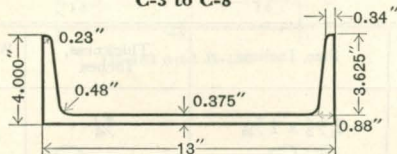
Plow Beams

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
B-183	2 1/2 x 1 7/16	3/4	8.6
B-184	2 1/2 x 1 5/16	5/8	7.5
B-188	2 1/2 x 1 1/2	3/4	8.9
B-189	2 1/2 x 1 3/8	5/8	7.8
B-190	2 1/2 x 1 1/4	1/2	6.7
B-460	2 1/2 x 7/8	19/32	6.1
B-461	2 1/2 x 13/16	17/32	5.6
B-462	2 1/2 x 3/4	15/32	5.0
B-463	2 1/2 x 11/16	13/32	4.5
B-464	2 1/2 x 5/8	11/32	3.95
B-465	2 1/2 x 9/16	9/32	3.40

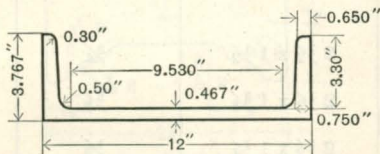
Channels



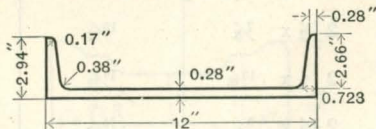
C-3 to C-8



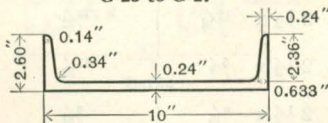
†C-390 to C-395



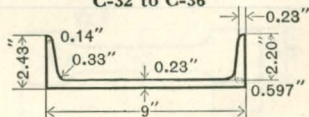
†C-400 to C-403



C-23 to C-27



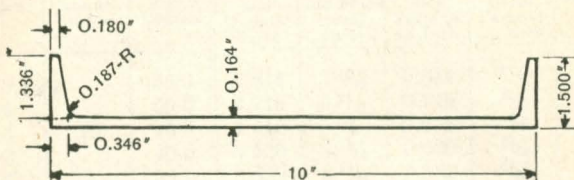
C-32 to C-36



C-41 to C-44

†Car Building Sections.

Light Weight Stair Stringer Channels C-750 and C-751



Dimensions above are for C-751
See table below for C-750

Section Index	Depth of Channel Inches	Weight per Foot Pounds	FLANGE WIDTH		WEB THICKNESS	
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch
C-750	10	8.8	1.523"	1 $\frac{33}{64}$ "	0.1875	$\frac{3}{16}$ "
C-751	10	8.0	1.5"	1 $\frac{1}{2}$ "	0.164	$\frac{11}{64}$ "

Section Index	Area Sq. In.	AXIS X-X (Perpendicular to Web)			AXIS Y-Y (Parallel to Web)			
		I	r	S	I'	r'	S'	n'
C-750	2.57	32.2	3.54	6.4	0.35	0.37	0.28	0.28
C-751	2.34	30.3	3.60	6.1	0.33	0.38	0.27	0.29

JONES & LAUGHLIN STEEL CORPORATION

Channels

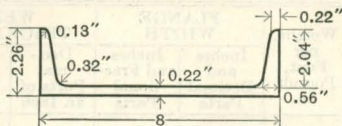
Section Index	Depth of Channel, Inches	Weight, per Foot, Pounds	FLANGE WIDTH		WEB THICKNESS		Maximum Length, Feet	
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch		
C-3	15	55.0	3.814	3 13/16	0.814	13/16	75	
C-4		50.0	3.716	3 23/32	0.716	23/32	84	
C-5		45.0	3.618	3 5/8	0.618	5/8	95	
C-6		40.0	3.520	3 33/64	0.520	33/64	95	
C-7		35.0	3.422	3 27/64	0.422	27/64	95	
C-8		33.9	3.400	3 13/32	0.400	13/32	95	
†C-390		13	50.0	4.412	4 13/32	0.787	25/32	64
†C-391			45.0	4.298	4 19/64	0.673	43/64	72
†C-392	40.0		4.185	4 3/16	0.560	9/16	80	
†C-393	37.0		4.117	4 7/64	0.492	31/64	86	
†C-394	35.0		4.072	4 5/64	0.447	29/64	93	
†C-395	31.8		4.000	4	0.375	3/8	95	
†C-400	12		46.6	4.050	4 3/64	0.750	3/4	70
†C-401		44.5	4.000	4	0.700	45/64	73	
†C-402		40.0	3.890	3 57/64	0.590	19/32	81	
†C-403		35.0	3.767	3 49/64	0.467	15/32	94	
C-23		12	40.0	3.415	3 27/64	0.755	3/4	80
C-24	35.0		3.292	3 19/64	0.632	5/8	89	
C-25	30.0		3.170	3 11/64	0.510	33/64	95	
C-26	25.0		3.047	3 3/64	0.387	25/64	95	
C-27	20.7		2.940	2 15/16	0.280	9/32	95	
C-32	10		35.0	3.180	3 3/16	0.820	13/16	75
C-33			30.0	3.033	3 1/32	0.673	43/64	85
C-34		25.0	2.886	2 57/64	0.526	17/32	100	
C-35		20.0	2.739	2 47/64	0.379	3/8	100	
C-36		15.3	2.600	2 19/32	0.240	15/64	100	
C-41		9	25.0	2.812	2 13/16	0.612	39/64	75
C-42	20.0		2.648	2 41/64	0.448	29/64	85	
C-43	15.0		2.485	2 31/64	0.285	9/32	100	
C-44	13.4		2.430	2 7/16	0.230	15/64	100	

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

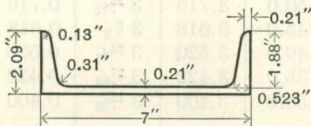
Lengths over 75 feet are made only by special arrangement.

†Sections C-390 to C-395, inc., and C-400 to C-403, Car Building Sections.

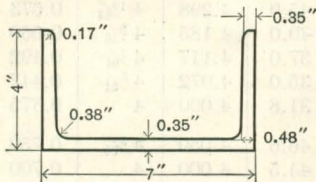
Channels



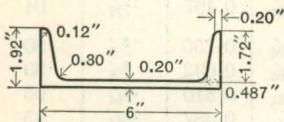
C-49 to C-53



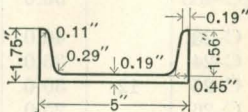
C-58 to C-62



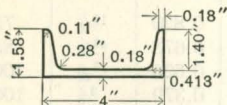
†C-450



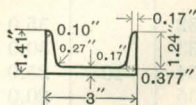
C-67 to C-70



C-75 to C-77

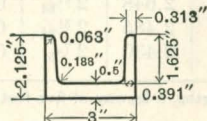


C-82 to C-84



C-89 to C-91

Brake Beam Channel



†C-150 to C-152

†Car Building Sections.

JONES & LAUGHLIN STEEL CORPORATION

Channels

Section Index	Depth of Channel, Inches	Weight, per Foot, Pounds	FLANGE WIDTH		WEB THICKNESS		Maximum Length, Feet
			Inches and Decimal Parts	Inches and Fractional Parts	Decimal Parts of an Inch	Fractional Parts of an Inch	
C-49		21.25	2.619	2 $\frac{5}{8}$	0.579	$\frac{37}{64}$	90
C-50		18.75	2.527	2 $\frac{17}{32}$	0.487	$\frac{31}{64}$	100
C-51	8	16.25	2.435	2 $\frac{7}{16}$	0.395	$\frac{25}{64}$	100
C-52		13.75	2.343	2 $\frac{11}{32}$	0.303	$\frac{19}{64}$	100
C-53		11.50	2.260	2 $\frac{17}{64}$	0.220	$\frac{7}{32}$	100
C-58		19.75	2.509	2 $\frac{33}{64}$	0.629	$\frac{5}{8}$	100
C-59		17.25	2.404	2 $\frac{13}{32}$	0.524	$\frac{17}{32}$	100
C-60	7	14.75	2.299	2 $\frac{19}{64}$	0.419	$\frac{27}{64}$	100
C-61		12.25	2.194	2 $\frac{3}{16}$	0.314	$\frac{5}{16}$	100
C-62		9.80	2.090	2 $\frac{3}{32}$	0.210	$\frac{13}{64}$	100
†C-450	7	18.80	4.000	4	0.350	$\frac{11}{32}$	75
C-67		15.50	2.279	2 $\frac{9}{32}$	0.559	$\frac{9}{16}$	90
C-68	6	13.00	2.157	2 $\frac{5}{32}$	0.437	$\frac{7}{16}$	100
C-69		10.50	2.034	2 $\frac{1}{32}$	0.314	$\frac{5}{16}$	100
C-70		8.20	1.920	1 $\frac{59}{64}$	0.200	$\frac{13}{64}$	100
C-75		11.50	2.032	2 $\frac{1}{32}$	0.472	$\frac{15}{32}$	65
C-76	5	9.00	1.885	1 $\frac{57}{64}$	0.325	$\frac{21}{64}$	65
C-77		6.70	1.750	1 $\frac{3}{4}$	0.190	$\frac{3}{16}$	65
C-82		7.25	1.720	1 $\frac{23}{32}$	0.320	$\frac{5}{16}$	65
C-83	4	6.25	1.647	1 $\frac{41}{64}$	0.247	$\frac{1}{4}$	65
C-84		5.40	1.580	1 $\frac{37}{64}$	0.180	$\frac{3}{16}$	65
C-89		6.00	1.596	1 $\frac{19}{32}$	0.356	$\frac{23}{64}$	42
C-90	3	5.00	1.498	1 $\frac{1}{2}$	0.258	$\frac{1}{4}$	50
C-91		4.10	1.410	1 $\frac{13}{32}$	0.170	$\frac{11}{64}$	50

Brake Beam Channels

†C-150	3	9.00	2.125	2 $\frac{1}{8}$	0.500	$\frac{1}{2}$	60
†C-151	3	7.10	1.938	1 $\frac{15}{16}$	0.313	$\frac{5}{16}$	60
†C-152	3	6.47	1.875	1 $\frac{7}{8}$	0.250	$\frac{1}{4}$	60

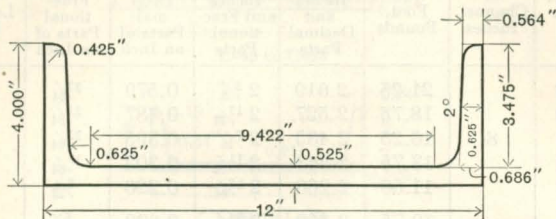
In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Lengths over 75 feet are made only by special arrangement.

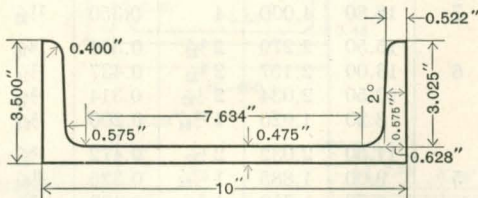
†Sections C-450 and C-150-152, Car Building Sections.

Ship Building Channels

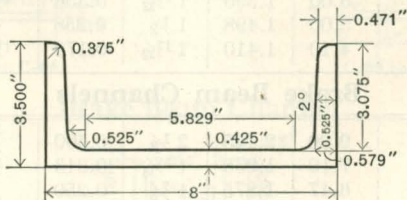
Standard Sections



C-500 to C-508
(BSC 26)



C-526 to C-534
(BSC 20)



C-558 to C-564
(BSC 13)

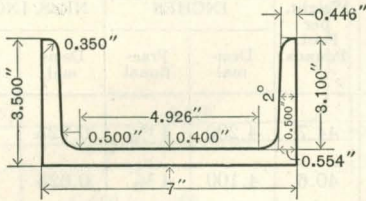
Ship Building Channels
Standard Sections

Section Index	Depth of Channel, Inches	Weight, per Foot, Pounds	FLANGE WIDTH, INCHES		WEB THICKNESS, INCHES		Maximum Length, Feet
			Decimal	Fractional	Decimal	Fractional	
C-500	12	44.7	4.200	4 1 ³ / ₆₄	0.725	2 ³ / ₃₂	75
C-502	12	40.6	4.100	4 3 ³ / ₃₂	0.625	5 ⁵ / ₈	75
C-506 (BSC 26)	12	36.5	4.000	4	0.525	1 ⁷ / ₃₂	75
C-508	12	34.5	3.950	3 6 ¹ / ₆₄	0.475	1 ⁵ / ₃₂	75
C-526	10	35.1	3.700	3 4 ⁵ / ₆₄	0.675	4 ³ / ₆₄	75
C-528	10	31.7	3.600	3 1 ⁹ / ₃₂	0.575	3 ⁷ / ₆₄	75
C-530 (BSC 20)	10	28.3	3.500	3 1 ¹ / ₂	0.475	1 ⁵ / ₃₂	75
C-532	10	26.6	3.450	3 2 ³ / ₆₄	0.425	2 ⁷ / ₆₄	75
C-534	10	24.9	3.400	3 1 ³ / ₃₂	0.375	3 ³ / ₈	75
C-558	8	28.2	3.700	3 4 ⁵ / ₆₄	0.625	5 ⁵ / ₈	75
C-560	8	25.5	3.600	3 1 ⁹ / ₃₂	0.525	1 ⁷ / ₃₂	75
C-562 (BSC 13)	8	22.8	3.500	3 1 ¹ / ₂	0.425	2 ⁷ / ₆₄	75
C-564	8	21.4	3.450	3 2 ³ / ₆₄	0.375	3 ³ / ₈	75

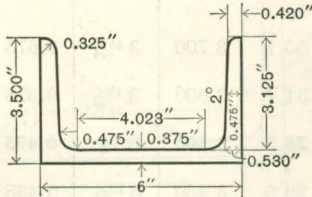
Greater lengths may be had in some cases by special arrangement.
 Dimensions and properties of the British Standard Sections are indicated in bold type and the British Standard number immediately follows.

Ship Building Channels

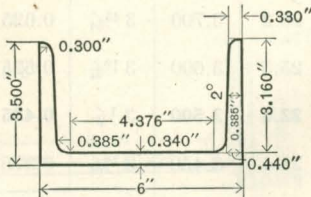
Standard Sections



C-576 to C-582
(BSC 10)



C-590 to C-596
(BSC 8)



C-137

Ship Building Channels

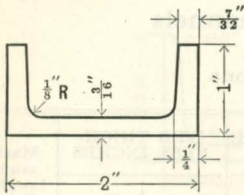
Standard Sections

Section Index	Depth of Channel, Inches	Weight, per Foot, Pounds	FLANGE WIDTH, INCHES		WEB THICKNESS, INCHES		Maximum Length, Feet
			Decimal	Fractional	Decimal	Fractional	
C-576	7	25.0	3.700	3 $\frac{45}{64}$	0.600	$\frac{19}{32}$	75
C-578	7	22.7	3.600	3 $\frac{19}{32}$	0.500	$\frac{1}{2}$	75
C-580 (BSC 10)	7	20.3	3.500	3 $\frac{1}{2}$	0.400	$\frac{13}{32}$	75
C-582	7	19.1	3.450	3 $\frac{29}{64}$	0.350	$\frac{11}{32}$	75
C-590	6	22.0	3.700	3 $\frac{45}{64}$	0.575	$\frac{37}{64}$	75
C-592	6	20.0	3.600	3 $\frac{19}{32}$	0.475	$\frac{15}{32}$	75
C-594 (BSC 8)	6	18.0	3.500	3 $\frac{1}{2}$	0.375	$\frac{3}{8}$	75
C-596	6	16.9	3.450	3 $\frac{29}{64}$	0.325	$\frac{21}{64}$	75
C-137	6	15.3	3.500	3 $\frac{1}{2}$	0.340	$\frac{11}{32}$	75

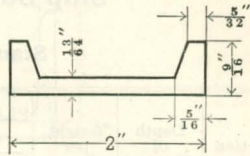
Greater lengths may be had in some cases by special arrangement.

Dimensions and properties of the British Standard Sections are indicated in bold type, and the British Standard number immediately follows.

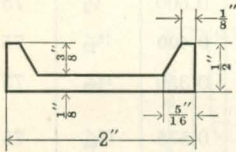
Special Channels



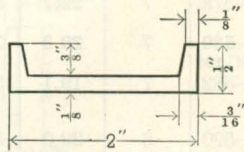
* C-171



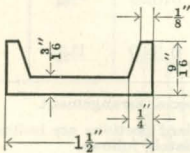
C-175



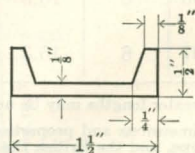
C-176 to C-178



C-183 to C-185



C-186



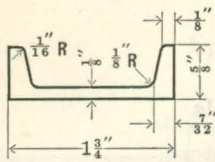
C-187

*Rolled only in Bessemer steel.

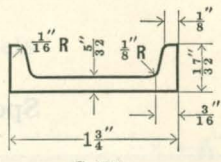
Special Channels

Section Index	Size of Section, Inches	Width of Flange, Inches	Thickness of Web, Inches	Weight, per Foot, Pounds
C-171	2	1	$\frac{3}{16}$	2.60
C-175	2	$\frac{9}{16}$	$1\frac{3}{64}$	1.96
C-176	2	$\frac{5}{8}$	$\frac{1}{4}$	2.26
C-177	2	$\frac{9}{16}$	$\frac{3}{16}$	1.84
C-178	2	$\frac{1}{2}$	$\frac{1}{8}$	1.41
C-183	2	$\frac{5}{8}$	$\frac{1}{4}$	2.11
C-184	2	$\frac{9}{16}$	$\frac{3}{16}$	1.68
C-185	2	$\frac{1}{2}$	$\frac{1}{8}$	1.26
C-186	1 $\frac{1}{2}$	$\frac{9}{16}$	$\frac{3}{16}$	1.44
C-187	1 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$	1.13

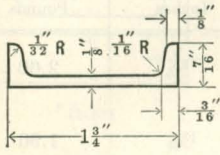
Special Channels



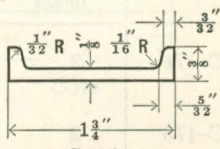
C-190 and C-191



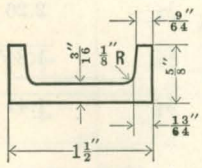
C-193



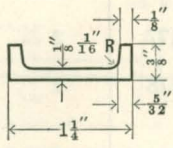
C-194



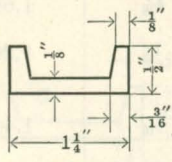
C-195



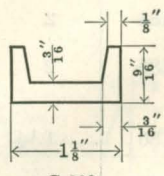
C-197



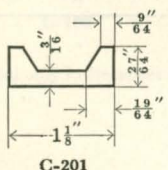
C-198



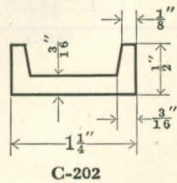
C-199



C-200



C-201

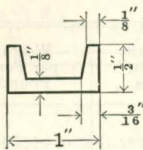


C-202

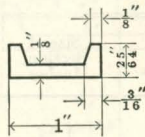
Special Channels

Section Index	Size of Section, Inches	Width of Flange, Inches	Thickness of Web, Inches	Weight, per Foot, Pounds
C-190	1 $\frac{3}{4}$	1 $\frac{1}{16}$	$\frac{3}{16}$	1.71
C-191	1 $\frac{3}{4}$	$\frac{5}{8}$	$\frac{1}{8}$	1.33
C-193	1 $\frac{3}{4}$	1 $\frac{7}{32}$	$\frac{5}{32}$	1.33
C-194	1 $\frac{3}{4}$	$\frac{7}{16}$	$\frac{1}{8}$	1.08
C-195	1 $\frac{3}{4}$	$\frac{3}{8}$	$\frac{1}{8}$	0.96
C-197	1 $\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{16}$	1.47
C-198	1 $\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{8}$	0.79
C-199	1 $\frac{1}{4}$	$\frac{1}{2}$	$\frac{1}{8}$	0.93
C-200	1 $\frac{1}{8}$	$\frac{9}{16}$	$\frac{3}{16}$	1.12
C-201	1 $\frac{1}{8}$	2 $\frac{7}{64}$	$\frac{3}{16}$	1.07
C-202	1 $\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{16}$	1.13

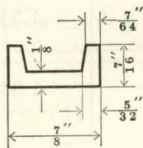
Special Channels



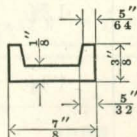
C-203



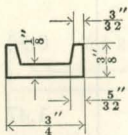
C-207



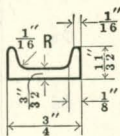
C-213



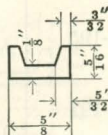
C-217



C-219

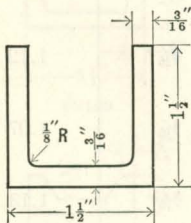


C-221

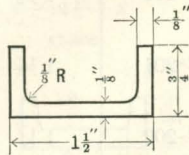


C-223

Box Channels



C-233



C-234

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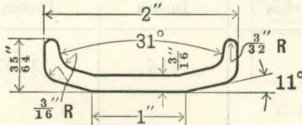
Special Channels

Section Index	Size of Section, Inches	Width of Flange, Inches	Thickness of Web, Inches	Weight, per Foot, Pounds
C-203	1	$\frac{1}{2}$	$\frac{1}{8}$	.83
C-207	1	$\frac{25}{64}$	$\frac{1}{8}$	.71
C-213	$\frac{7}{8}$	$\frac{7}{16}$	$\frac{1}{8}$	.66
C-217	$\frac{7}{8}$	$\frac{3}{8}$	$\frac{1}{8}$	.58
C-219	$\frac{3}{4}$	$\frac{3}{8}$	$\frac{1}{8}$	.54
C-221	$\frac{3}{4}$	$\frac{11}{32}$	$\frac{3}{32}$	.40
C-223	$\frac{5}{8}$	$\frac{5}{16}$	$\frac{1}{8}$	.43

Box Channels

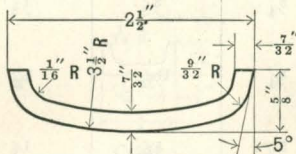
Section Index	Size of Section, Inches	Width of Flange, Inches	Thickness of Web, Inches	Weight, per Foot, Pounds
C-233	$1 \frac{1}{2}$	$1 \frac{1}{2}$	$\frac{3}{16}$	2.63
C-234	$1 \frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{8}$	1.17

Bevel Back Channel

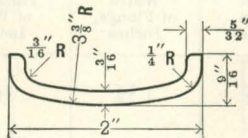


C-273

Round Back Channels



C-283



C-290

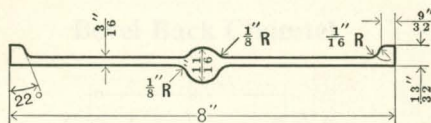
Bevel Back Channel

Section Index	Size, Inches	Weight per Foot, Pounds
C-273	2 x $\frac{35}{64}$ x $\frac{3}{16}$	1.65

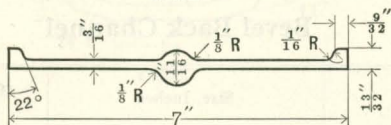
Round Back Channels

Section Index	Size of Section, Inches	Width of Flange, Inches	Thickness of Web, Inches	Weight, per Foot, Pounds
C-283	2 1/2	5/8	7/32	2.10
C-290	2	9/16	3/16	1.55

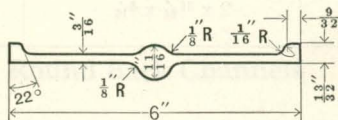
Special Beaded Channels



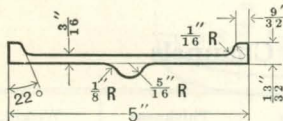
* C-312



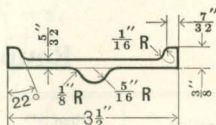
* C-314



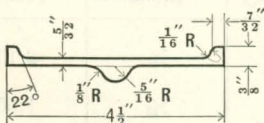
* C-316



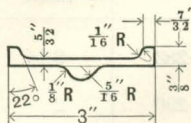
* C-318



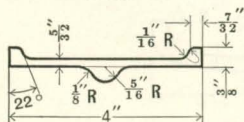
* C-321



* C-319



* C-322



* C-320



* C-324

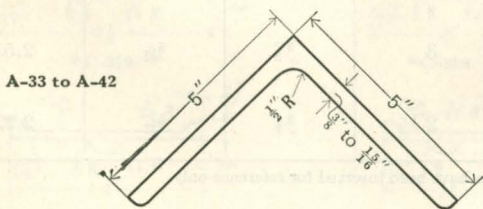
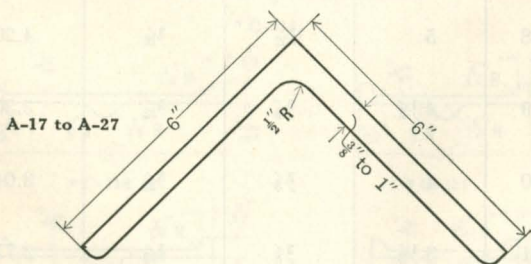
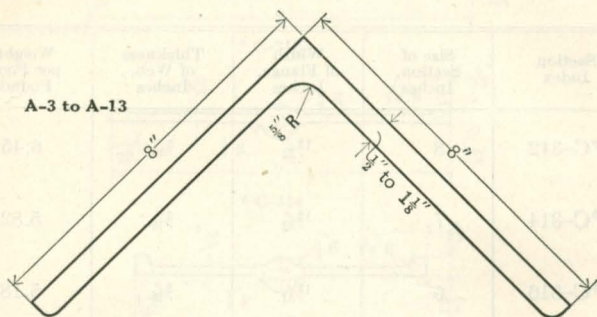
*These sections have been inserted for reference only.

Special Beaded Channels

Section Index	Size of Section, Inches	Width of Flange, Inches	Thickness of Web, Inches	Weight, per Foot, Pounds
*C-312	8	$1\frac{13}{32}$	$\frac{3}{16}$	6.45
*C-314	7	$1\frac{13}{32}$	$\frac{3}{16}$	5.82
*C-316	6	$1\frac{13}{32}$	$\frac{3}{16}$	5.18
*C-318	5	$1\frac{13}{32}$	$\frac{3}{16}$	4.20
*C-319	4 $\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{32}$	3.30
*C-320	4	$\frac{3}{8}$	$\frac{5}{32}$	3.04
*C-321	3 $\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{32}$	2.77
*C-322	3	$\frac{3}{8}$	$\frac{5}{32}$	2.51
*C-324	2 $\frac{1}{2}$	$\frac{3}{8}$	$\frac{5}{32}$	2.22

*These sections have been inserted for reference only.

Angles with Equal Legs



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Angles with Equal Legs

Sections appearing in bold-face type adopted as standard by the Association of American Steel Manufacturers, for bridge, car, ship and general building construction.

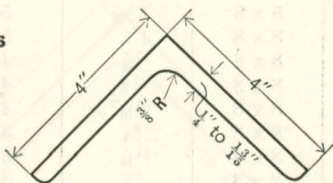
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A- 3	8 x 8	1 $\frac{1}{8}$	56.9	78
A- 4	8 x 8	1 $\frac{1}{16}$	54.0	83
A- 5	8 x 8	1	51.0	87
A- 6	8 x 8	$\frac{15}{16}$	48.1	95
A- 7	8 x 8	$\frac{7}{8}$	45.0	95
A- 8	8 x 8	$\frac{31}{16}$	42.0	95
A- 9	8 x 8	$\frac{3}{4}$	38.9	95
A-10	8 x 8	1 $\frac{1}{16}$	35.8	95
A-11	8 x 8	$\frac{5}{8}$	32.7	95
A-12	8 x 8	$\frac{9}{16}$	29.6	95
A-13	8 x 8	$\frac{1}{2}$	26.4	95
A-17	6 x 6	1	37.4	100
A-18	6 x 6	$\frac{15}{16}$	35.3	100
A-19	6 x 6	$\frac{7}{8}$	33.1	100
A-20	6 x 6	$\frac{13}{16}$	31.0	100
A-21	6 x 6	$\frac{3}{4}$	28.7	100
A-22	6 x 6	1 $\frac{1}{16}$	26.5	100
A-23	6 x 6	$\frac{5}{8}$	24.2	100
A-24	6 x 6	$\frac{9}{16}$	21.9	100
A-25	6 x 6	$\frac{1}{2}$	19.6	100
A-26	6 x 6	$\frac{7}{16}$	17.2	100
A-27	6 x 6	$\frac{3}{8}$	14.9	100
A-33	5 x 5	$\frac{15}{16}$	28.9	100
A-34	5 x 5	$\frac{7}{8}$	27.2	100
A-35	5 x 5	$\frac{13}{16}$	25.4	100
A-36	5 x 5	$\frac{3}{4}$	23.6	100
A-37	5 x 5	1 $\frac{1}{16}$	21.8	100
A-38	5 x 5	$\frac{5}{8}$	20.0	100
A-39	5 x 5	$\frac{9}{16}$	18.1	100
A-40	5 x 5	$\frac{1}{2}$	16.2	100
A-41	5 x 5	$\frac{7}{16}$	14.3	100
A-42	5 x 5	$\frac{3}{8}$	12.3	100

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

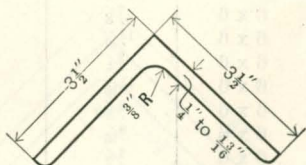
Lengths over 75 feet are made only by special arrangement.

Angles with Equal Legs

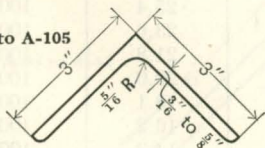
A-47 to A-56



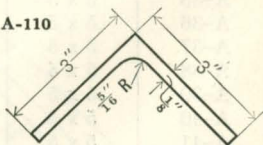
A-61 to A-70



A-98 to A-105



A-110



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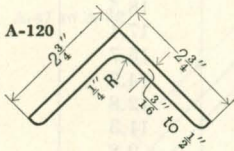
Angles with Equal Legs

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-47	4 x 4	$\frac{13}{16}$	19.9	50
A-48	4 x 4	$\frac{3}{4}$	18.5	52
A-49	4 x 4	$\frac{11}{16}$	17.1	56
A-50	4 x 4	$\frac{5}{8}$	15.7	61
A-51	4 x 4	$\frac{9}{16}$	14.3	65
A-52	4 x 4	$\frac{1}{2}$	12.8	65
A-53	4 x 4	$\frac{7}{16}$	11.3	65
A-54	4 x 4	$\frac{3}{8}$	9.8	65
A-55	4 x 4	$\frac{5}{16}$	8.2	65
A-56	4 x 4	$\frac{1}{4}$	6.6	65
A-61	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{13}{16}$	17.1	46
A-62	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{3}{4}$	16.0	50
A-63	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{11}{16}$	14.8	54
A-64	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{5}{8}$	13.6	60
A-65	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{9}{16}$	12.4	65
A-66	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{1}{2}$	11.1	65
A-67	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{7}{16}$	9.8	65
A-68	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{3}{8}$	8.5	65
A-69	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{5}{16}$	7.2	65
A-70	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	$\frac{1}{4}$	5.8	65
A- 98	3 x 3	$\frac{5}{8}$	11.50	65
A- 99	3 x 3	$\frac{9}{16}$	10.40	65
A-100	3 x 3	$\frac{1}{2}$	9.40	65
A-101	3 x 3	$\frac{7}{16}$	8.30	65
A-102	3 x 3	$\frac{3}{8}$	7.20	65
A-103	3 x 3	$\frac{5}{16}$	6.10	65
A-104	3 x 3	$\frac{1}{4}$	4.90	65
A-105	3 x 3	$\frac{3}{16}$	3.71	50
A-110	3 x 3	$\frac{1}{8}$	2.50	40

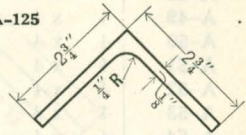
In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Angles with Equal Legs

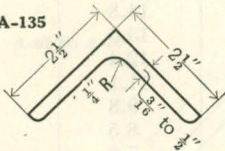
A-115 to A-120



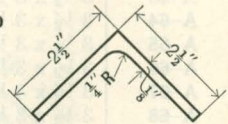
A-125



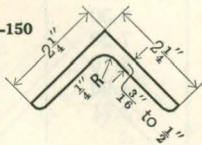
A-130 to A-135



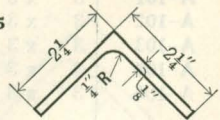
A-140



A-145 to A-150



A-155



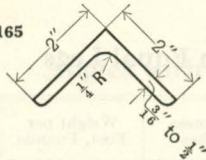
Angles with Equal Legs

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-115	2 3/4 x 2 3/4	1/2	8.50	28
A-116	2 3/4 x 2 3/4	7/16	7.60	32
A-117	2 3/4 x 2 3/4	3/8	6.60	38
A-118	2 3/4 x 2 3/4	5/16	5.60	44
A-119	2 3/4 x 2 3/4	1/4	4.50	50
A-120	2 3/4 x 2 3/4	3/16	3.39	50
A-125	2 3/4 x 2 3/4	1/8	2.29	40
A-130	2 1/2 x 2 1/2	1/2	7.70	65
A-131	2 1/2 x 2 1/2	7/16	6.80	65
A-132	2 1/2 x 2 1/2	3/8	5.90	65
A-133	2 1/2 x 2 1/2	5/16	5.00	65
A-134	2 1/2 x 2 1/2	1/4	4.10	65
A-135	2 1/2 x 2 1/2	3/16	3.07	50
A-140	2 1/2 x 2 1/2	1/8	2.08	50
A-145	2 1/4 x 2 1/4	1/2	6.80	35
A-146	2 1/4 x 2 1/4	7/16	6.10	40
A-147	2 1/4 x 2 1/4	3/8	5.30	45
A-148	2 1/4 x 2 1/4	5/16	4.50	50
A-149	2 1/4 x 2 1/4	1/4	3.62	50
A-150	2 1/4 x 2 1/4	3/16	2.75	50
A-155	2 1/4 x 2 1/4	1/8	1.86	50

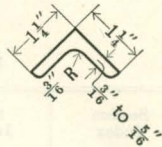
In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Angles with Equal Legs

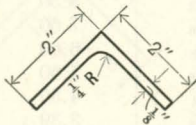
A-160 to A-165



A-207 to A-209



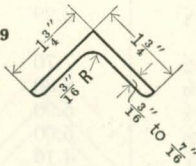
A-170



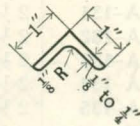
A-214



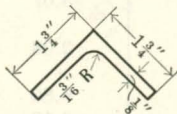
A-175 to A-179



A-224 to A-226



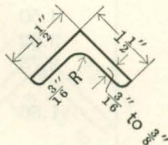
A-184



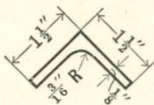
A-228 and A-229



A-189 to A-192



A-197



A-231 and A-232



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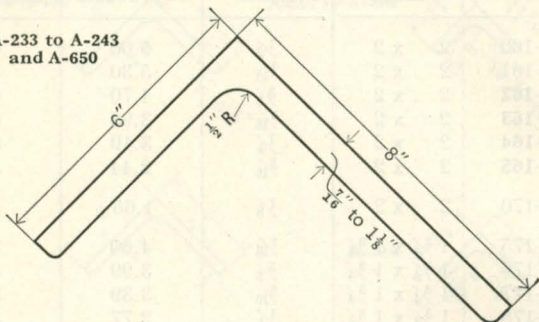
Angles with Equal Legs

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-160	2 x 2	$\frac{1}{2}$	6.00	65
A-161	2 x 2	$\frac{7}{16}$	5.30	65
A-162	2 x 2	$\frac{3}{8}$	4.70	65
A-163	2 x 2	$\frac{5}{16}$	3.92	65
A-164	2 x 2	$\frac{1}{4}$	3.19	65
A-165	2 x 2	$\frac{3}{16}$	2.44	50
A-170	2 x 2	$\frac{1}{8}$	1.65	50
A-175	1 $\frac{3}{4}$ x 1 $\frac{3}{4}$	$\frac{7}{16}$	4.60	35
A-176	1 $\frac{3}{4}$ x 1 $\frac{3}{4}$	$\frac{3}{8}$	3.99	35
A-177	1 $\frac{3}{4}$ x 1 $\frac{3}{4}$	$\frac{5}{16}$	3.39	35
A-178	1 $\frac{3}{4}$ x 1 $\frac{3}{4}$	$\frac{1}{4}$	2.77	35
A-179	1 $\frac{3}{4}$ x 1 $\frac{3}{4}$	$\frac{3}{16}$	2.12	35
A-184	1 $\frac{3}{4}$ x 1 $\frac{3}{4}$	$\frac{1}{8}$	1.44	35
A-189	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	$\frac{3}{8}$	3.35	35
A-190	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	$\frac{5}{16}$	2.86	35
A-191	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	$\frac{1}{4}$	2.34	35
A-192	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	$\frac{3}{16}$	1.80	35
A-197	1 $\frac{1}{2}$ x 1 $\frac{1}{2}$	$\frac{1}{8}$	1.23	35
A-207	1 $\frac{1}{4}$ x 1 $\frac{1}{4}$	$\frac{5}{16}$	2.33	35
A-208	1 $\frac{1}{4}$ x 1 $\frac{1}{4}$	$\frac{1}{4}$	1.92	35
A-209	1 $\frac{1}{4}$ x 1 $\frac{1}{4}$	$\frac{3}{16}$	1.48	35
A-214	1 $\frac{1}{4}$ x 1 $\frac{1}{4}$	$\frac{1}{8}$	1.01	35
A-224	1 x 1	$\frac{1}{4}$	1.49	40
A-225	1 x 1	$\frac{3}{16}$	1.16	40
A-226	1 x 1	$\frac{1}{8}$	0.80	40
A-228	$\frac{7}{8}$ x $\frac{7}{8}$	$\frac{3}{16}$	1.00	40
A-229	$\frac{7}{8}$ x $\frac{7}{8}$	$\frac{1}{8}$	0.70	40
A-231	$\frac{3}{4}$ x $\frac{3}{4}$	$\frac{3}{16}$	0.84	40
A-232	$\frac{3}{4}$ x $\frac{3}{4}$	$\frac{1}{8}$	0.59	40

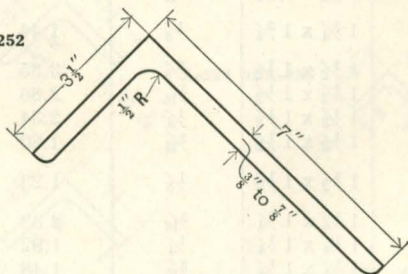
In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Angles with Unequal Legs

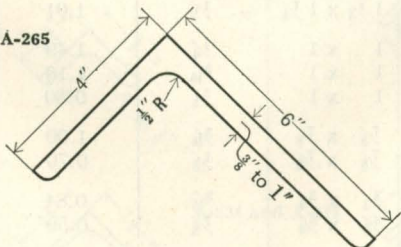
A-233 to A-243
and A-650



A-244 to A-252



A-255 to A-265



JONES & LAUGHLIN STEEL CORPORATION

Angles with Unequal Legs

Sections appearing in bold-face type adopted as standard by the Association of American Steel Manufacturers, for bridge, car, ship and general building construction.

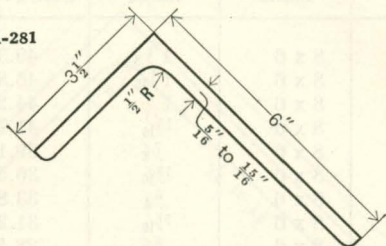
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-233	8 x 6	1 $\frac{1}{8}$	49.3	80
A-234	8 x 6	1 $\frac{1}{16}$	46.8	85
A-235	8 x 6	1	44.2	90
A-236	8 x 6	$\frac{15}{16}$	41.7	95
A-237	8 x 6	$\frac{7}{8}$	39.1	95
A-238	8 x 6	$\frac{13}{16}$	36.5	95
A-239	8 x 6	$\frac{3}{4}$	33.8	95
A-240	8 x 6	$\frac{11}{16}$	31.2	95
A-241	8 x 6	$\frac{5}{8}$	28.5	95
A-242	8 x 6	$\frac{9}{16}$	25.7	95
A-243	8 x 6	$\frac{1}{2}$	23.0	95
A-650	8 x 6	$\frac{7}{16}$	20.2	95
A-244	7 x 3 $\frac{1}{2}$	$\frac{7}{8}$	28.7	79
A-245	7 x 3 $\frac{1}{2}$	$\frac{13}{16}$	26.8	86
A-246	7 x 3 $\frac{1}{2}$	$\frac{3}{4}$	24.9	95
A-247	7 x 3 $\frac{1}{2}$	$\frac{11}{16}$	23.0	95
A-248	7 x 3 $\frac{1}{2}$	$\frac{5}{8}$	21.0	95
A-249	7 x 3 $\frac{1}{2}$	$\frac{9}{16}$	19.1	95
A-250	7 x 3 $\frac{1}{2}$	$\frac{1}{2}$	17.0	95
A-251	7 x 3 $\frac{1}{2}$	$\frac{7}{16}$	15.0	95
A-252	7 x 3 $\frac{1}{2}$	$\frac{3}{8}$	13.0	95
A-255	6 x 4	1	30.6	65
A-256	6 x 4	$\frac{15}{16}$	28.9	75
A-257	6 x 4	$\frac{7}{8}$	27.2	80
A-258	6 x 4	$\frac{13}{16}$	25.4	90
A-259	6 x 4	$\frac{3}{4}$	23.6	100
A-260	6 x 4	$\frac{11}{16}$	21.8	100
A-261	6 x 4	$\frac{5}{8}$	20.0	100
A-262	6 x 4	$\frac{9}{16}$	18.1	100
A-263	6 x 4	$\frac{1}{2}$	16.2	100
A-264	6 x 4	$\frac{7}{16}$	14.3	100
A-265	6 x 4	$\frac{3}{8}$	12.3	100

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

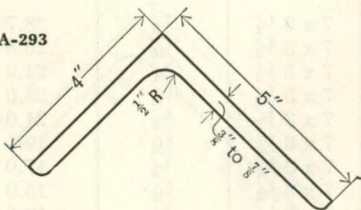
Lengths over 75 feet are made only by special arrangement.

Angles with Unequal Legs

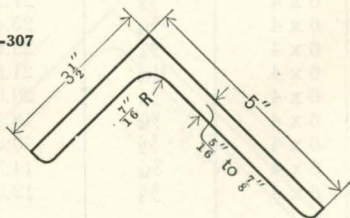
A-271 to A-281



A-285 to A-293



A-298 to A-307



JONES & LAUGHLIN STEEL CORPORATION

Angles with Unequal Legs

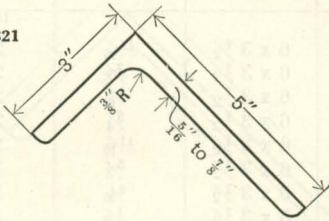
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-271	6 x 3 1/2	15/16	27.3	75
A-272	6 x 3 1/2	7/8	25.7	80
A-273	6 x 3 1/2	13/16	24.0	85
A-274	6 x 3 1/2	3/4	22.4	95
A-275	6 x 3 1/2	11/16	20.6	100
A-276	6 x 3 1/2	5/8	18.9	100
A-277	6 x 3 1/2	9/16	17.1	100
A-278	6 x 3 1/2	1/2	15.3	100
A-279	6 x 3 1/2	7/16	13.5	100
A-280	6 x 3 1/2	3/8	11.7	100
A-281	6 x 3 1/2	5/16	9.8	100
A-285	5 x 4	7/8	24.2	60
A-286	5 x 4	13/16	22.7	68
A-287	5 x 4	3/4	21.1	75
A-288	5 x 4	11/16	19.5	82
A-289	5 x 4	5/8	17.8	90
A-290	5 x 4	9/16	16.2	100
A-291	5 x 4	1/2	14.5	100
A-292	5 x 4	7/16	12.8	100
A-293	5 x 4	3/8	11.0	100
A-298	5 x 3 1/2	7/8	22.7	65
A-299	5 x 3 1/2	13/16	21.3	73
A-300	5 x 3 1/2	3/4	19.8	80
A-301	5 x 3 1/2	11/16	18.3	87
A-302	5 x 3 1/2	5/8	16.8	90
A-303	5 x 3 1/2	9/16	15.2	100
A-304	5 x 3 1/2	1/2	13.6	100
A-305	5 x 3 1/2	7/16	12.0	100
A-306	5 x 3 1/2	3/8	10.4	100
A-307	5 x 3 1/2	5/16	8.7	100

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

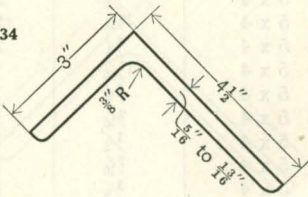
Lengths over 75 feet are made only by special arrangement.

Angles with Unequal Legs

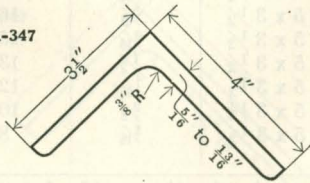
A-312 to A-321



A-326 to A-334



A-339 to A-347



JONES & LAUGHLIN STEEL CORPORATION

Angles with Unequal Legs

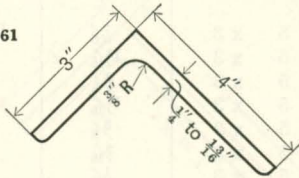
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-312	5 x 3	$\frac{7}{8}$	21.2	65
A-313	5 x 3	$\frac{13}{16}$	19.9	75
A-314	5 x 3	$\frac{3}{4}$	18.5	82
A-315	5 x 3	$\frac{11}{16}$	17.1	90
A-316	5 x 3	$\frac{5}{8}$	15.7	97
A-317	5 x 3	$\frac{9}{16}$	14.3	100
A-318	5 x 3	$\frac{1}{2}$	12.8	100
A-319	5 x 3	$\frac{7}{16}$	11.3	100
A-320	5 x 3	$\frac{3}{8}$	9.8	100
A-321	5 x 3	$\frac{5}{16}$	8.2	100
A-326	4 $\frac{1}{2}$ x 3	$\frac{13}{16}$	18.5	44
A-327	4 $\frac{1}{2}$ x 3	$\frac{3}{4}$	17.3	46
A-328	4 $\frac{1}{2}$ x 3	$\frac{11}{16}$	16.0	50
A-329	4 $\frac{1}{2}$ x 3	$\frac{5}{8}$	14.7	54
A-330	4 $\frac{1}{2}$ x 3	$\frac{9}{16}$	13.3	60
A-331	4 $\frac{1}{2}$ x 3	$\frac{1}{2}$	11.9	65
A-332	4 $\frac{1}{2}$ x 3	$\frac{7}{16}$	10.6	65
A-333	4 $\frac{1}{2}$ x 3	$\frac{3}{8}$	9.1	65
A-334	4 $\frac{1}{2}$ x 3	$\frac{5}{16}$	7.7	65
A-339	4 x 3 $\frac{1}{2}$	$\frac{13}{16}$	18.5	65
A-340	4 x 3 $\frac{1}{2}$	$\frac{3}{4}$	17.3	65
A-341	4 x 3 $\frac{1}{2}$	$\frac{11}{16}$	16.0	65
A-342	4 x 3 $\frac{1}{2}$	$\frac{5}{8}$	14.7	65
A-343	4 x 3 $\frac{1}{2}$	$\frac{9}{16}$	13.3	65
A-344	4 x 3 $\frac{1}{2}$	$\frac{1}{2}$	11.9	65
A-345	4 x 3 $\frac{1}{2}$	$\frac{7}{16}$	10.6	65
A-346	4 x 3 $\frac{1}{2}$	$\frac{3}{8}$	9.1	65
A-347	4 x 3 $\frac{1}{2}$	$\frac{5}{16}$	7.7	65

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

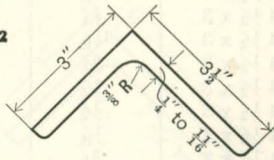
Lengths over 75 feet are made only by special arrangement.

Angles with Unequal Legs

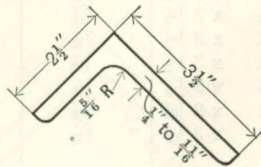
A-352 to A-361



A-365 to A-372



A-377 to A-384



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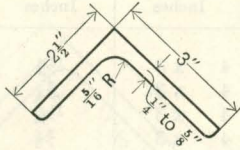
Angles with Unequal Legs

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-352	4 x 3	$\frac{13}{16}$	17.1	65
A-353	4 x 3	$\frac{3}{4}$	16.0	65
A-354	4 x 3	$\frac{11}{16}$	14.8	65
A-355	4 x 3	$\frac{5}{8}$	13.6	65
A-356	4 x 3	$\frac{9}{16}$	12.4	65
A-357	4 x 3	$\frac{1}{2}$	11.1	65
A-358	4 x 3	$\frac{7}{16}$	9.8	65
A-359	4 x 3	$\frac{3}{8}$	8.5	65
A-360	4 x 3	$\frac{5}{16}$	7.2	65
A-361	4 x 3	$\frac{1}{4}$	5.8	65
A-365	3 $\frac{1}{2}$ x 3	$\frac{11}{16}$	13.6	65
A-366	3 $\frac{1}{2}$ x 3	$\frac{5}{8}$	12.5	65
A-367	3 $\frac{1}{2}$ x 3	$\frac{9}{16}$	11.4	65
A-368	3 $\frac{1}{2}$ x 3	$\frac{1}{2}$	10.2	65
A-369	3 $\frac{1}{2}$ x 3	$\frac{7}{16}$	9.1	65
A-370	3 $\frac{1}{2}$ x 3	$\frac{3}{8}$	7.9	65
A-371	3 $\frac{1}{2}$ x 3	$\frac{5}{16}$	6.6	65
A-372	3 $\frac{1}{2}$ x 3	$\frac{1}{4}$	5.4	65
A-377	3 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{11}{16}$	12.5	65
A-378	3 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{5}{8}$	11.5	65
A-379	3 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{9}{16}$	10.4	65
A-380	3 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{1}{2}$	9.4	65
A-381	3 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{7}{16}$	8.3	65
A-382	3 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{3}{8}$	7.2	65
A-383	3 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{5}{16}$	6.1	65
A-384	3 $\frac{1}{2}$ x 2 $\frac{1}{2}$	$\frac{1}{4}$	4.9	65

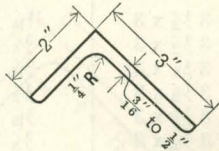
In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Angles with Unequal Legs

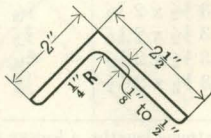
A-404 to A-410



A-415 to A-420



A-425 to A-431



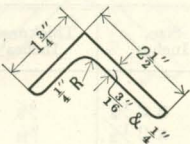
Angles with Unequal Legs

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-404	3 x 2 1/2	5/8	10.40	65
A-405	3 x 2 1/2	3/16	9.50	65
A-406	3 x 2 1/2	1/2	8.50	65
A-407	3 x 2 1/2	7/16	7.60	65
A-408	3 x 2 1/2	3/8	6.60	65
A-409	3 x 2 1/2	5/16	5.60	65
A-410	3 x 2 1/2	1/4	4.50	65
A-415	3 x 2	1/2	7.70	65
A-416	3 x 2	7/16	6.80	65
A-417	3 x 2	3/8	5.90	65
A-418	3 x 2	5/16	5.00	65
A-419	3 x 2	1/4	4.10	65
A-420	3 x 2	3/16	3.07	50
A-425	2 1/2 x 2	1/2	6.80	65
A-426	2 1/2 x 2	7/16	6.10	65
A-427	2 1/2 x 2	3/8	5.30	65
A-428	2 1/2 x 2	5/16	4.50	65
A-429	2 1/2 x 2	1/4	3.62	65
A-430	2 1/2 x 2	3/16	2.75	50
A-431	2 1/2 x 2	1/8	1.86	50

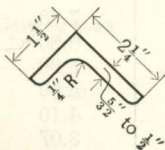
In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Angles with Unequal Legs

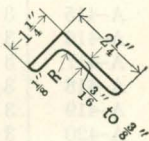
A-440 and A-441



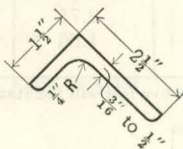
A-461 to A-467



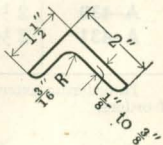
A-468 to A-471



A-446 to A-451



A-472 to A-476



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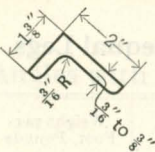
Angles with Unequal Legs

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-440	2 1/2 x 1 3/4	1/4	3.40	50
A-441	2 1/2 x 1 3/4	3/16	2.59	50
A-446	2 1/2 x 1 1/2	1/2	6.00	45
A-447	2 1/2 x 1 1/2	7/16	5.30	45
A-448	2 1/2 x 1 1/2	3/8	4.70	45
A-449	2 1/2 x 1 1/2	5/16	3.92	50
A-450	2 1/2 x 1 1/2	1/4	3.19	50
A-451	2 1/2 x 1 1/2	3/16	2.44	50
A-461	2 1/4 x 1 1/2	1/2	5.60	45
A-462	2 1/4 x 1 1/2	7/16	5.00	45
A-463	2 1/4 x 1 1/2	3/8	4.30	45
A-464	2 1/4 x 1 1/2	5/16	3.66	50
A-465	2 1/4 x 1 1/2	1/4	2.98	50
A-466	2 1/4 x 1 1/2	3/16	2.28	50
A-467	2 1/4 x 1 1/2	5/32	1.91	50
A-468	2 1/4 x 1 1/4	3/8	3.99	35
A-469	2 1/4 x 1 1/4	5/16	3.39	35
A-470	2 1/4 x 1 1/4	1/4	2.77	35
A-471	2 1/4 x 1 1/4	3/16	2.12	35
A-472	2 x 1 1/2	3/8	3.99	65
A-473	2 x 1 1/2	5/16	3.39	65
A-474	2 x 1 1/2	1/4	2.77	65
A-475	2 x 1 1/2	3/16	2.12	50
A-476	2 x 1 1/2	1/8	1.44	50

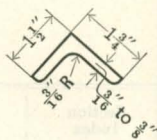
In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

Angles with Unequal Legs

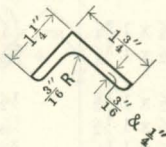
A-480 to A-483



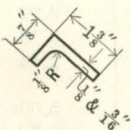
A-493 to A-496



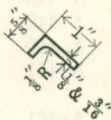
A-498 and A-499



A-512 and A-513



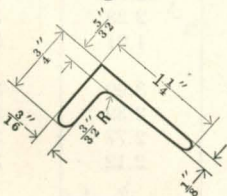
A-523 and A-524



Special Angles

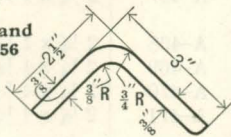
Odd Angles

A-603

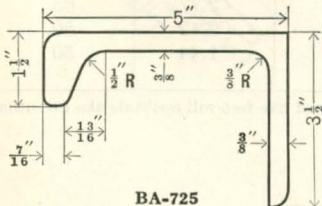


Curb Angles

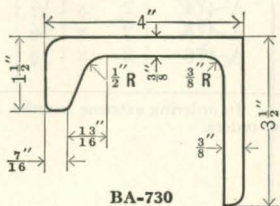
A-555 and A-556



Car Bulb Angles



BA-725



BA-730

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Angles with Unequal Legs

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-480	2 x 1 $\frac{3}{8}$	$\frac{3}{8}$	3.83	35
A-481	2 x 1 $\frac{3}{8}$	$\frac{5}{16}$	3.26	35
A-482	2 x 1 $\frac{3}{8}$	$\frac{1}{4}$	2.66	35
A-483	2 x 1 $\frac{3}{8}$	$\frac{3}{16}$	2.04	35
A-493	1 $\frac{3}{4}$ x 1 $\frac{1}{2}$	$\frac{3}{8}$	3.67	35
A-494	1 $\frac{3}{4}$ x 1 $\frac{1}{2}$	$\frac{5}{16}$	3.13	35
A-495	1 $\frac{3}{4}$ x 1 $\frac{1}{2}$	$\frac{1}{4}$	2.55	35
A-496	1 $\frac{3}{4}$ x 1 $\frac{1}{2}$	$\frac{3}{16}$	1.96	35
A-498	1 $\frac{3}{4}$ x 1 $\frac{1}{4}$	$\frac{1}{4}$	2.34	35
A-499	1 $\frac{3}{4}$ x 1 $\frac{1}{4}$	$\frac{3}{16}$	1.80	35
A-512	1 $\frac{3}{8}$ x $\frac{7}{8}$	$\frac{3}{16}$	1.32	45
A-513	1 $\frac{3}{8}$ x $\frac{7}{8}$	$\frac{1}{8}$	0.91	45
A-523	1 x $\frac{5}{8}$	$\frac{3}{16}$	0.92	45
A-524	1 x $\frac{5}{8}$	$\frac{1}{8}$	0.64	45

Special Angles

Odd Angles

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
A-603	1 $\frac{1}{4}$ x $\frac{3}{4}$	$\frac{1}{8}$ to $\frac{5}{32}$ x $\frac{3}{16}$	1.00

Curb Angles

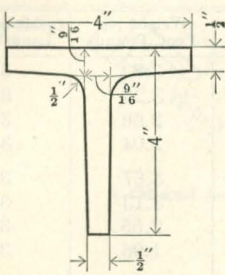
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
A-555	3 x 2 $\frac{1}{2}$	$\frac{3}{8}$	6.23	60
A-556	3 x 2 $\frac{1}{2}$	$\frac{5}{16}$	5.22	60

Car Bulb Angles

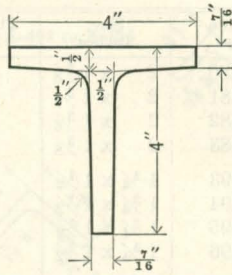
Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds	Maximum Length, Feet
BA-725	5 x 3 $\frac{1}{2}$	$\frac{3}{8}$	13.20	90
BA-730	4 x 3 $\frac{1}{2}$	$\frac{3}{8}$	11.90	90

In ordering extreme lengths, a leeway of five feet will facilitate the execution of orders.

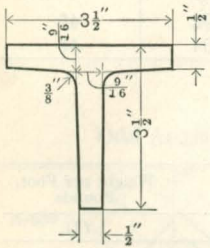
Tees with Equal Legs



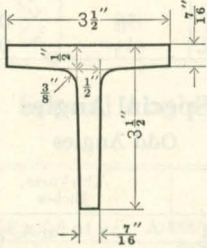
T-3



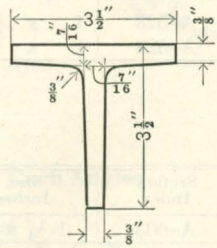
T-4



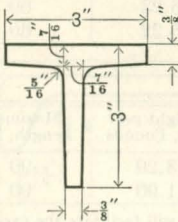
T-8



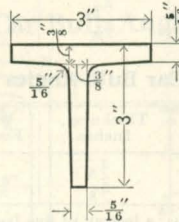
T-9



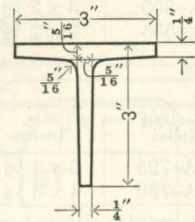
T-10



T-15



T-16



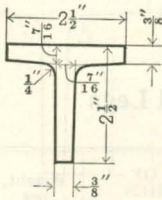
T-17

Tees with Equal Legs

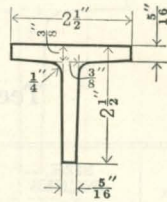
Section Index	SIZE, INCHES		THICKNESS OF METAL, INCHES		Weight, per Foot, Pounds	Maximum Length in Feet
	Table	Stem	Table	Stem		
T- 3	4	4	$\frac{1}{2}$ to $\frac{9}{16}$	$\frac{1}{2}$ to $\frac{9}{16}$	13.5	40
T- 4	4	4	$\frac{7}{16}$ to $\frac{1}{2}$	$\frac{7}{16}$ to $\frac{1}{2}$	12.1	40
T- 8	3 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{1}{2}$ to $\frac{9}{16}$	$\frac{1}{2}$ to $\frac{9}{16}$	11.7	40
T- 9	3 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{7}{16}$ to $\frac{1}{2}$	$\frac{7}{16}$ to $\frac{1}{2}$	10.5	40
T-10	3 $\frac{1}{2}$	3 $\frac{1}{2}$	$\frac{3}{8}$ to $\frac{7}{16}$	$\frac{3}{8}$ to $\frac{7}{16}$	9.2	40
T-15	3	3	$\frac{3}{8}$ to $\frac{7}{16}$	$\frac{3}{8}$ to $\frac{7}{16}$	7.8	40
T-16	3	3	$\frac{5}{16}$ to $\frac{3}{8}$	$\frac{5}{16}$ to $\frac{3}{8}$	6.7	40
T-17	3	3	$\frac{1}{4}$ to $\frac{5}{16}$	$\frac{1}{4}$ to $\frac{5}{16}$	5.5	40

In ordering extreme lengths a leeway of five feet will facilitate the execution of orders.

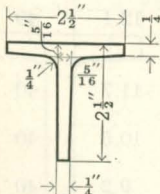
Tees with Equal Legs



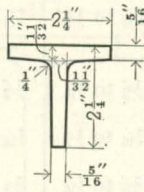
T-22



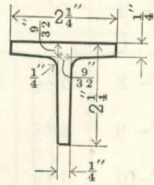
T-23



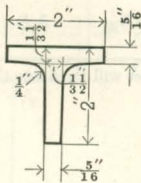
T-24



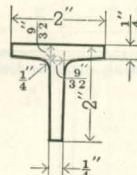
T-28



T-29



T-33



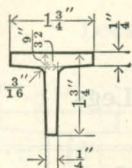
T-34

Tees with Equal Legs

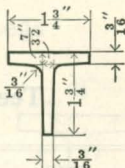
Section Index	SIZE, INCHES		THICKNESS OF METAL, INCHES		Weight, per Foot, Pounds	Maximum Length in Feet
	Table	Stem	Table	Stem		
T-22	2 1/2	2 1/2	3/8 to 7/16	3/8 to 7/16	6.40	40
T-23	2 1/2	2 1/2	5/16 to 3/8	5/16 to 3/8	5.50	45
T-24	2 1/2	2 1/2	1/4 to 5/16	1/4 to 5/16	4.60	50
T-28	2 1/4	2 1/4	5/16 to 11/32	5/16 to 11/32	4.70	50
T-29	2 1/4	2 1/4	1/4 to 9/32	1/4 to 9/32	3.83	50
T-33	2	2	5/16 to 11/32	5/16 to 11/32	4.10	50
T-34	2	2	1/4 to 9/32	1/4 to 9/32	3.38	50

In ordering extreme lengths a leeway of five feet will facilitate the execution of orders.

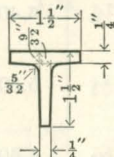
Tees with Equal Legs



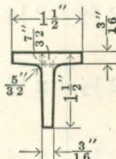
T-39



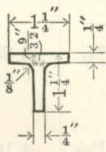
T-40



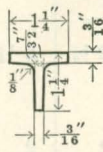
T-45



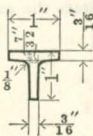
T-46



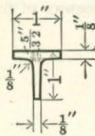
T-51



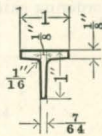
T-52



T-57



T-58



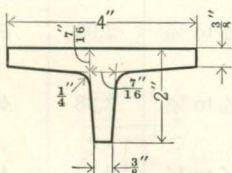
T-60

Tees with Equal Legs

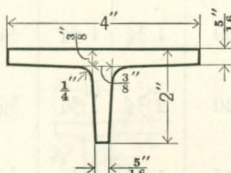
Section Index	SIZE, INCHES		THICKNESS OF METAL, INCHES		Weight, per Foot, Pounds	Maximum Length in Feet
	Table	Stem	Table	Stem		
T-39	1 3/4	1 3/4	1/4 to 9/32	1/4 to 9/32	2.93	40
T-40	1 3/4	1 3/4	3/16 to 7/32	3/16 to 7/32	2.28	40
T-45	1 1/2	1 1/2	1/4 to 9/32	1/4 to 9/32	2.47	40
T-46	1 1/2	1 1/2	3/16 to 7/32	3/16 to 7/32	1.94	40
T-51	1 1/4	1 1/4	1/4 to 9/32	1/4 to 9/32	2.02	45
T-52	1 1/4	1 1/4	3/16 to 7/32	3/16 to 7/32	1.59	45
T-57	1	1	3/16 to 7/32	3/16 to 7/32	1.25	45
T-58	1	1	1/8 to 5/32	1/8 to 5/32	0.89	45
T-60	1	1	1/8	7/64 to 1/8	0.80	45

In ordering extreme lengths a leeway of five feet will facilitate the execution of orders.

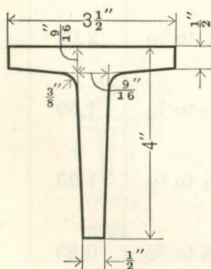
Tees with Unequal Legs



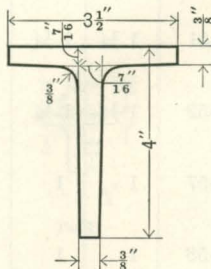
T-79



T-80



T-85



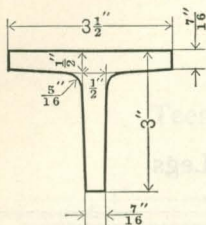
T-86

Tees with Unequal Legs

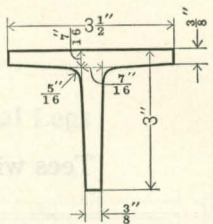
Section Index	SIZE, INCHES		THICKNESS OF METAL, INCHES		Weight, per Foot, Pounds	Maximum Length in Feet
	Table	Stem	Table	Stem		
T-79	4	2	$\frac{3}{8}$ to $\frac{7}{16}$	$\frac{3}{8}$ to $\frac{7}{16}$	7.8	40
T-80	4	2	$\frac{5}{16}$ to $\frac{3}{8}$	$\frac{5}{16}$ to $\frac{3}{8}$	6.7	40
T-85	3 $\frac{1}{2}$	4	$\frac{1}{2}$ to $\frac{9}{16}$	$\frac{1}{2}$ to $\frac{9}{16}$	12.6	40
T-86	3 $\frac{1}{2}$	4	$\frac{3}{8}$ to $\frac{7}{16}$	$\frac{3}{8}$ to $\frac{7}{16}$	9.8	40

In ordering extreme lengths a leeway of five feet will facilitate the execution of orders.

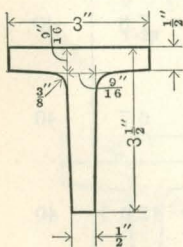
Tees with Unequal Legs



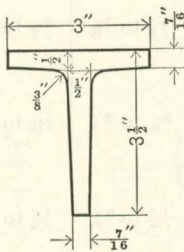
T-91



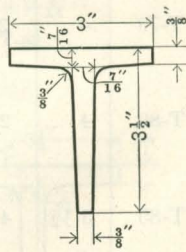
T-92



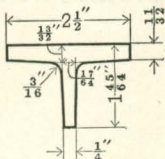
T-96



T-97



T-98



*T-110

*Inserted for reference only.

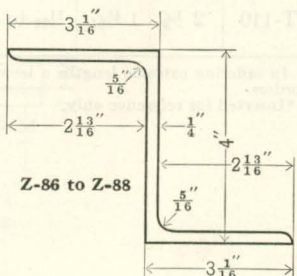
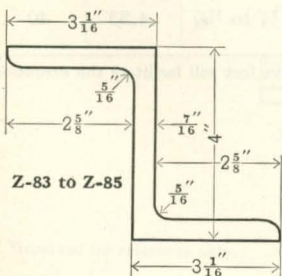
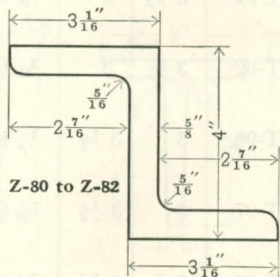
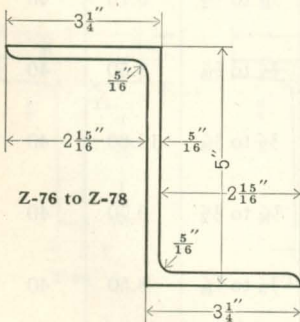
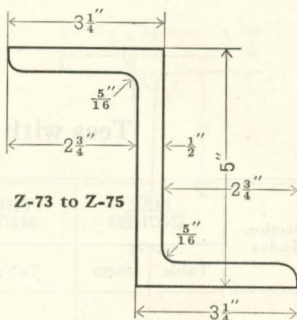
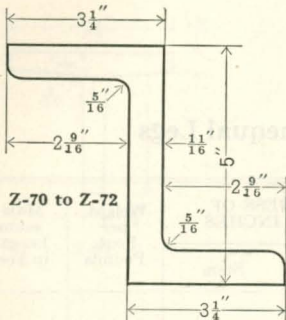
Tees with Unequal Legs

Section Index	SIZE, INCHES		THICKNESS OF METAL, INCHES		Weight, per Foot, Pounds	Maximum Length in Feet
	Table	Stem	Table	Stem		
T-91	3 1/2	3	7/16 to 1/2	7/16 to 1/2	9.70	40
T-92	3 1/2	3	3/8 to 7/16	3/8 to 7/16	8.50	40
T-96	3	3 1/2	1/2 to 9/16	1/2 to 9/16	10.80	40
T-97	3	3 1/2	7/16 to 1/2	7/16 to 1/2	9.70	40
T-98	3	3 1/2	3/8 to 7/16	3/8 to 7/16	8.50	40
*T-110	2 1/2	1 45/64	11/32 to 13/32	1/4 to 17/64	4.33	40

In ordering extreme lengths a leeway of five feet will facilitate the execution of orders.

*Inserted for reference only.

Zees

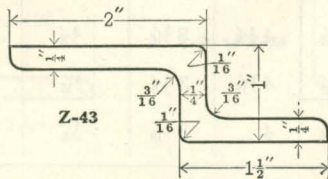
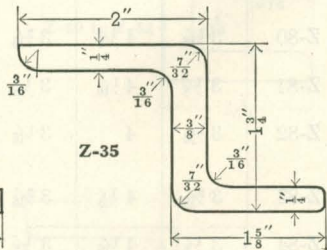
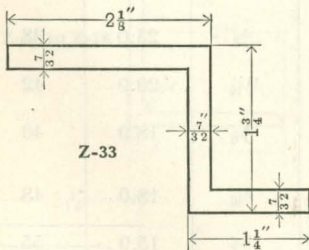
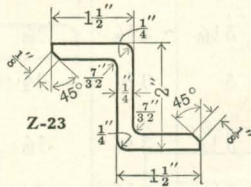
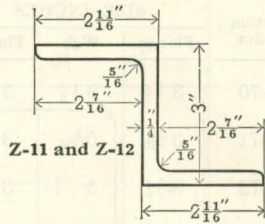
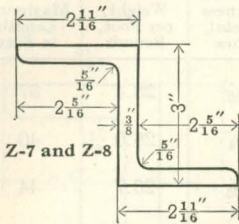


JONES & LAUGHLIN STEEL CORPORATION

Zees

Section Index	SIZE, INCHES			Thickness of Metal, Inches	Weight, per Foot, Pounds	Maximum Length in Feet
	Flange	Web	Flange			
Z-70	3 $\frac{3}{8}$	5 $\frac{1}{8}$	3 $\frac{3}{8}$	$\frac{13}{16}$	28.4	37
Z-71	3 $\frac{5}{16}$	5 $\frac{1}{16}$	3 $\frac{5}{16}$	$\frac{3}{4}$	26.0	40
Z-72	3 $\frac{1}{4}$	5	3 $\frac{1}{4}$	$\frac{11}{16}$	23.7	44
Z-73	3 $\frac{3}{8}$	5 $\frac{1}{8}$	3 $\frac{3}{8}$	$\frac{5}{8}$	22.6	46
Z-74	3 $\frac{5}{16}$	5 $\frac{1}{16}$	3 $\frac{5}{16}$	$\frac{9}{16}$	20.2	52
Z-75	3 $\frac{1}{4}$	5	3 $\frac{1}{4}$	$\frac{1}{2}$	17.9	60
Z-76	3 $\frac{3}{8}$	5 $\frac{1}{8}$	3 $\frac{3}{8}$	$\frac{7}{16}$	16.4	61
Z-77	3 $\frac{5}{16}$	5 $\frac{1}{16}$	3 $\frac{5}{16}$	$\frac{3}{8}$	14.0	65
Z-78	3 $\frac{1}{4}$	5	3 $\frac{1}{4}$	$\frac{5}{16}$	11.6	65
Z-80	3 $\frac{3}{16}$	4 $\frac{1}{8}$	3 $\frac{3}{16}$	$\frac{3}{4}$	23.0	38
Z-81	3 $\frac{1}{8}$	4 $\frac{1}{16}$	3 $\frac{1}{8}$	$\frac{11}{16}$	20.9	42
Z-82	3 $\frac{1}{16}$	4	3 $\frac{1}{16}$	$\frac{5}{8}$	18.9	46
Z-83	3 $\frac{3}{16}$	4 $\frac{1}{8}$	3 $\frac{3}{16}$	$\frac{9}{16}$	18.0	48
Z-84	3 $\frac{1}{8}$	4 $\frac{1}{16}$	3 $\frac{1}{8}$	$\frac{1}{2}$	15.9	55
Z-85	3 $\frac{1}{16}$	4	3 $\frac{1}{16}$	$\frac{7}{16}$	13.8	62
Z-86	3 $\frac{3}{16}$	4 $\frac{1}{8}$	3 $\frac{3}{16}$	$\frac{3}{8}$	12.5	65
Z-87	3 $\frac{1}{8}$	4 $\frac{1}{16}$	3 $\frac{1}{8}$	$\frac{5}{16}$	10.3	65
Z-88	3 $\frac{1}{16}$	4	3 $\frac{1}{16}$	$\frac{1}{4}$	8.2	65

Zees



JONES & LAUGHLIN STEEL CORPORATION

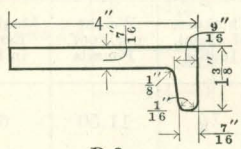
Zees

Section Index	SIZE, INCHES			Thickness of Metal, Inches	Weight per Foot, Pounds	Maximum Length in Feet
	Flange	Web	Flange			
Z- 7	2 $\frac{3}{4}$	3 $\frac{1}{16}$	2 $\frac{3}{4}$	$\frac{7}{16}$	11.50	65
Z- 8	2 $\frac{11}{16}$	3	2 $\frac{11}{16}$	$\frac{3}{8}$	9.80	65
Z-11	2 $\frac{3}{4}$	3 $\frac{1}{16}$	2 $\frac{3}{4}$	$\frac{5}{16}$	8.50	65
Z-12	2 $\frac{11}{16}$	3	2 $\frac{11}{16}$	$\frac{1}{4}$	6.70	65
Z-23	1 $\frac{1}{2}$	2	1 $\frac{1}{2}$	$\frac{1}{4}$	3.80	60

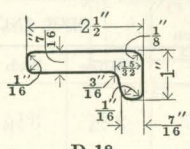
Zees, Special

Section Index	SIZE, INCHES			Thickness of Metal, Inches	Weight per Foot, Pounds
	Flange	Web	Flange		
Z-33	2 $\frac{1}{8}$	1 $\frac{3}{4}$	1 $\frac{1}{4}$	$\frac{1}{32}$	3.49
Z-35	2	1 $\frac{3}{4}$	1 $\frac{5}{8}$	$\frac{3}{8} \times \frac{1}{4}$	4.70
Z-43	2	1	1 $\frac{1}{2}$	$\frac{1}{4}$	3.40

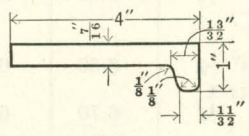
Dropper Bars



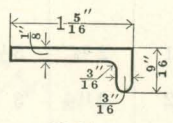
D-3



D-18

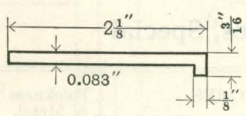


D-6

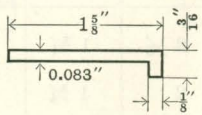


D-24

Wearing Plates



V-3



V-7

Beaded Harvester Tires

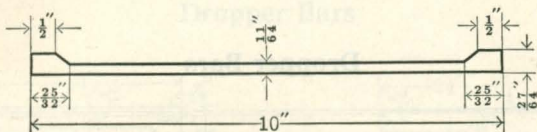
Dropper Bars

Section Index	Size, Inches	Weight, per Foot, Pounds	Maximum Length of Dropper Bars, Feet
D- 3	4 x 1 $\frac{3}{8}$	7.60	50
D- 6	4 x 1	6.70	35
D-18	2 $\frac{1}{2}$ x 1	4.60	35
D-24	1 $\frac{5}{16}$ x $\frac{9}{16}$	0.84	50

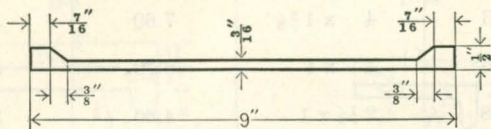
Wearing Plates

Section Index	Size, Inches	Weight per Foot, Pounds
V-3	2 $\frac{1}{8}$ x $\frac{3}{16}$	0.65
V-7	1 $\frac{5}{8}$ x $\frac{3}{16}$	0.50

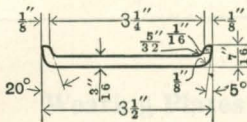
Beaded Harvester Tires



H-10

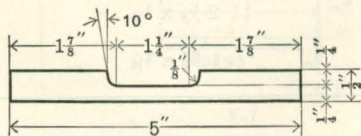


H-12



H-20

Grooved Bar



* V-336

*Inserted for reference only.

Beaded Harvester Tires

Section Index	Size, Inches	Weight per Foot, Pounds
H-10	10 x $2\frac{7}{64}$ x $1\frac{1}{64}$	7.0
H-12	9 x $\frac{1}{2}$ x $\frac{3}{16}$	7.0
H-20	3 $\frac{1}{2}$ x $\frac{7}{16}$ x $\frac{3}{16}$	2.5

Grooved Bar

Section Index	Size, Inches	Weight per Foot, Pounds
*V-336	5 x $\frac{1}{2}$ x $\frac{1}{4}$	7.23

*Inserted for reference only.

Reaper and Harvester Finger Bar

Section Index	Size, Inches	Thickness, Inches	Weight per Foot, Pounds
*H-34	$1 \frac{7}{8} \times 1 \frac{5}{8} \times 1 \frac{5}{16}$	$\frac{5}{16}$	4.4

Binder Section

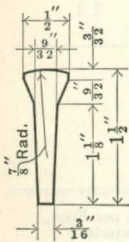
Section Index	Size, Inches	Weight per Foot, Pounds
*H-38	$3 \times \frac{9}{32}$	3.11

Post Sections

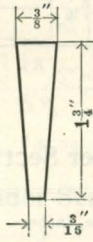
Section Index	Size, Inches	Weight per Foot, Pounds
B-230	$\frac{3}{4} \times \frac{3}{4} \times \frac{1}{2}$	1.55
B-232	$\frac{5}{8} \times \frac{5}{8} \times \frac{13}{32}$	1.07
B-234	$\frac{1}{2} \times \frac{1}{2} \times \frac{5}{16}$	0.69

*These sections made only by special arrangement.

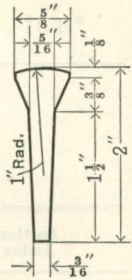
Screen Bars



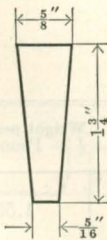
*S-100



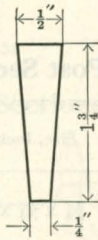
*S-101



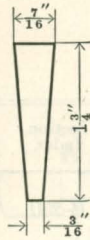
*S-102



S-104



S-105



S-106

*Inserted for reference only.

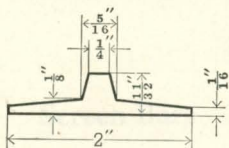
JONES & LAUGHLIN STEEL CORPORATION

Screen Bars

Section Index	Size, Inches	Weight per Foot, Pounds
*S-100	1 1/2 x 1/2 x 3/16	1.41
*S-101	1 3/4 x 3/8 x 3/16	1.68
*S-102	2 x 5/8 x 3/16	2.10
S-104	1 3/4 x 5/8 x 5/16	2.81
S-105	1 3/4 x 1/2 x 1/4	2.25
S-106	1 3/4 x 7/16 x 3/16	1.90

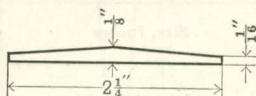
*Inserted for reference only.

Heater Band



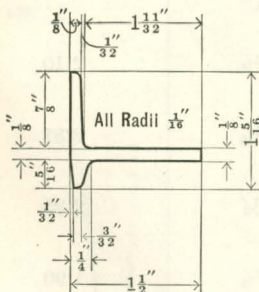
V-235

Hoe Point

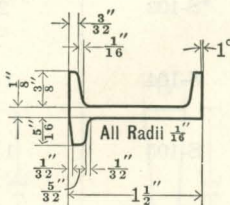


V-230

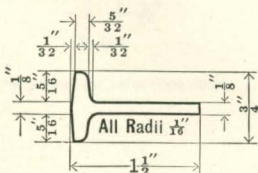
Sash Bars



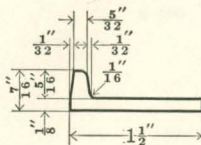
* V-249



* V-251



* V-252



* V-253

*Inserted for reference only.

Heater Band

Section Index	Size, Inches	Weight per Foot, Pounds
V-235	2 x 1 $\frac{1}{32}$	0.88

Hoe Point

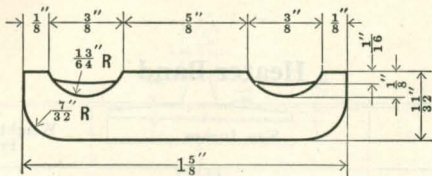
Section Index	Size, Inches	Weight per Foot, Pounds
V-230	2 $\frac{1}{4}$ x $\frac{1}{8}$ x $\frac{1}{16}$	0.73

Sash Bars

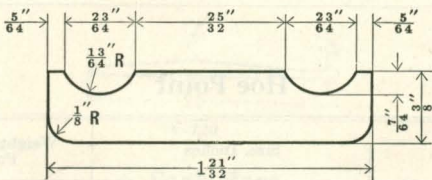
Section Index	Size, Inches	Weight per Foot, Pounds
*V-249	1 $\frac{1}{2}$ x 1 $\frac{5}{16}$ x $\frac{1}{8}$	1.25
*V-251	1 $\frac{1}{2}$ x 1 $\frac{13}{16}$ x $\frac{1}{2}$ x $\frac{1}{8}$	1.19
*V-252	1 $\frac{1}{2}$ x $\frac{3}{4}$ x $\frac{1}{8}$	1.05
*V-253	1 $\frac{1}{2}$ x $\frac{7}{16}$ x $\frac{1}{2}$	0.86

*Inserted for reference only.

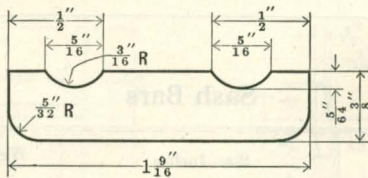
Guy Clamps



*V-303



*V-304

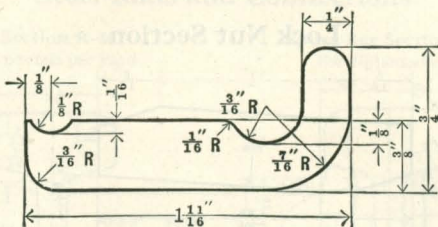


V-307

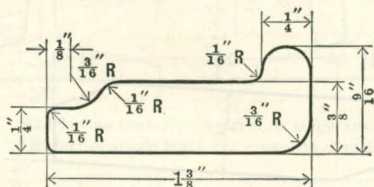
Section Index	Size, Inches	Weight per Foot, Pounds
*V-303	1 5/8 x 11/32	1.65
*V-304	1 21/32 x 3/8	1.86
V-307	1 9/16 x 3/8	1.85

*Inserted for reference only.

Suspension Clamps



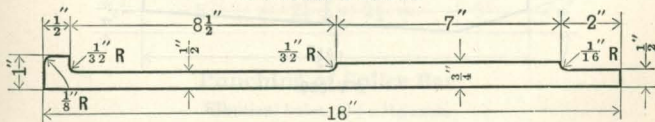
* V-308



* V-309

Section Index	Size, Inches	Weight per Foot, Pounds
*V-308	1 11/16 x 3/4 x 3/8	2.17
*V-309	1 3/8 x 9/16 x 3/8	1.80

Switch Plates

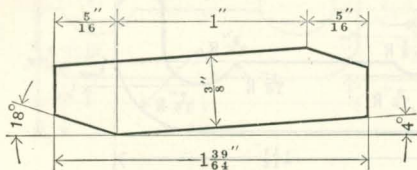


* V-311 and * V-312

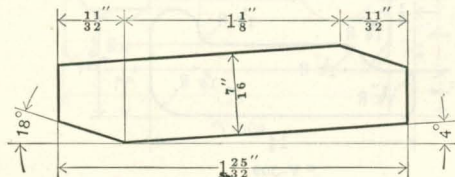
Section Index	Size, Inches	Weight, per Foot, Pounds
*V-311	18 x 5/8 and 7/8	45.1
*V-312	18 x 1/2 and 3/4	37.4

*Inserted for reference only.

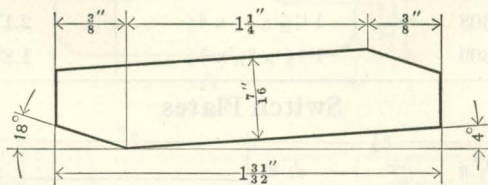
Lock Nut Section



* V-328



* V-329



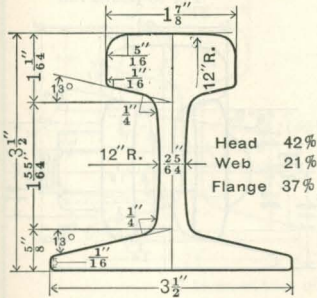
* V-330

Section Index	Size, Inches	Weight, per Foot, Pounds
*V-328	$1 \frac{39}{64} \times \frac{3}{8}$	1.93
*V-329	$1 \frac{25}{32} \times \frac{7}{16}$	2.50
*V-330	$1 \frac{31}{32} \times \frac{7}{16}$	2.73

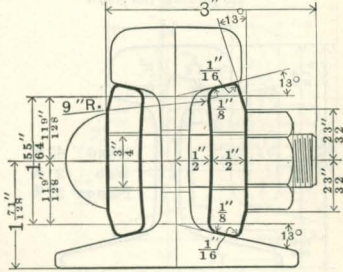
*Inserted for reference only.

Steel Rails and Connections

Section R-40
40 pounds per yard



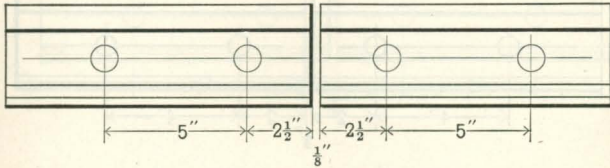
Splice Bar Section S-40
For 40-pound rail



62.86 gross tons of rails per mile single track.
84 feet of single track per gross ton of rails.

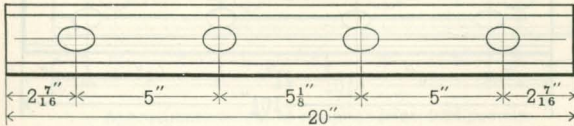
Punching of Rail

Center of web.
Diameter of holes, $\frac{7}{8}$ inch.



Punching of Splice Bar

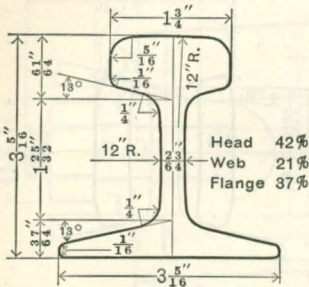
Elliptical holes, $1\frac{1}{2} \times 1\frac{3}{16}$ inch.



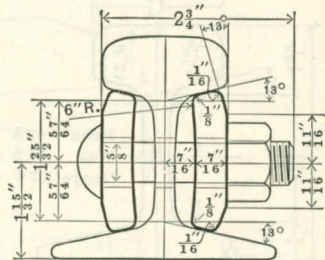
Approximate weight of complete joint 14.90 pounds.
Bolts $\frac{3}{4} \times 3$ inch, square nut. Spike $5 \times \frac{3}{16}$ or $5 \times \frac{1}{2}$ inch.

Steel Rails and Connections

Section R-35
35 pounds per yard



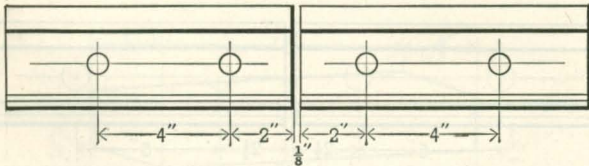
Splice Bar Section S-35
For 35-pound rail



55 gross tons of rails per mile of single track.
96 feet of single track per gross ton of rails.

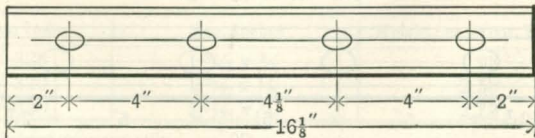
Punching of Rail

Center of web.
Diameter of holes, $\frac{3}{4}$ inch



Punching of Splice Bar

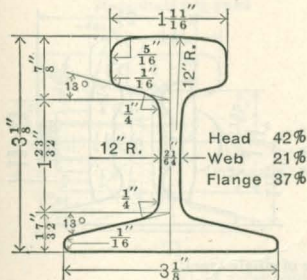
Elliptical holes, $3\frac{1}{32} \times 1\frac{1}{16}$ inch.



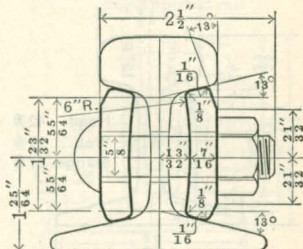
Approximate weight of complete joint, 9.42 pounds.
Bolts $\frac{5}{8} \times 2\frac{3}{4}$ inch, square nut. Spikes, $4\frac{1}{2} \times \frac{1}{2}$ inch.

Steel Rails and Connections

Section R-30
30 pounds per yard



Splice Bar Section S-30
For 30-pound rail

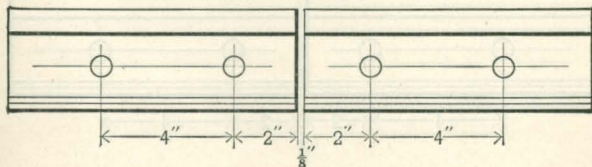


47.14 gross tons of rails per mile of single track.
112 feet of single track per gross ton of rails.

Punching of Rail

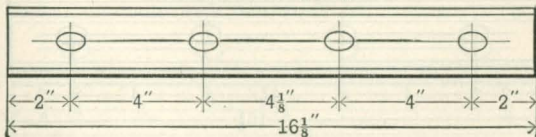
Center of web.

Diameter of holes, $\frac{3}{4}$ inch.



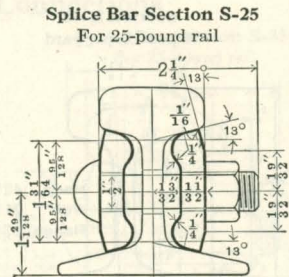
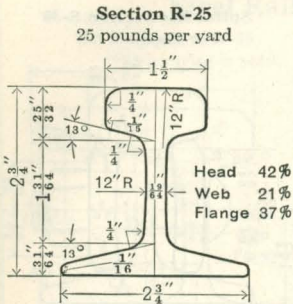
Punching of Splice Bar

Elliptical holes, $3\frac{1}{2} \times 1\frac{11}{16}$ inch



Approximate weight of complete joint, 9.26 pounds.
Bolts $\frac{5}{8} \times 2\frac{1}{2}$ inch, square nut. Spikes, $4 \times \frac{1}{2}$ inch.

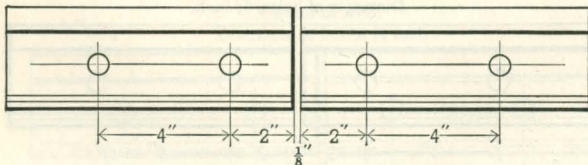
Steel Rails and Connections



39.29 gross tons per mile of single track.
134.4 feet of single track per gross ton of rails.

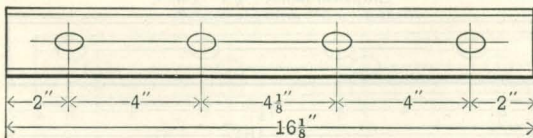
Punching of Rail

Center of web.
Diameter of holes, $\frac{9}{8}$ inch.



Punching of Splice Bar

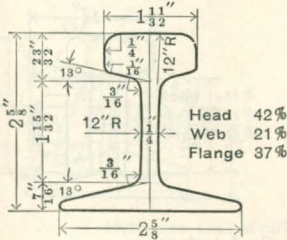
Elliptical holes, $\frac{3}{4} \times \frac{9}{16}$ inch.



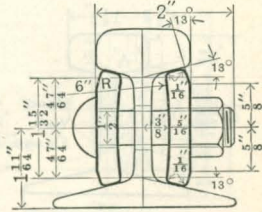
Approximate weight of complete joint, 6.59 pounds.
Bolts $\frac{1}{2} \times 2\frac{1}{4}$ inch, square nut. Spikes, 4 x $\frac{1}{2}$ inch.

Steel Rails and Connections

Section R-20
20 pounds per yard



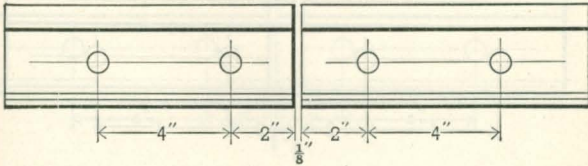
Splice Bar Section S-20
For 20-pound rail



31.43 gross tons per mile of single track.
168 feet of single track per gross ton of rails.

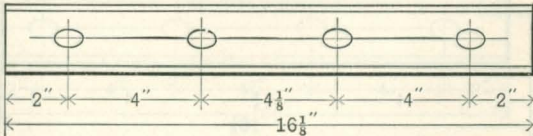
Punching of Rail

Center of web.
Diameter of holes, 5/8 inch.



Punching of Splice Bar

Elliptical holes, 3/4 x 9/16 inch.

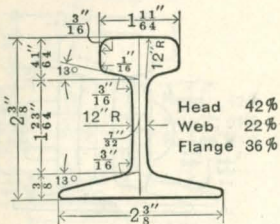


Approximate weight of complete joint, 5.60 pounds.
Bolts 1/2 x 2 inch, square nut. Spikes, 3 1/2 x 1/2 inch.

Steel Rails and Connections

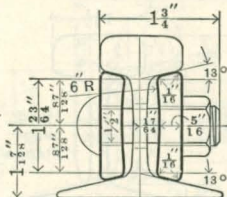
Section R-16

16 pounds per yard



Splice Bar Section S-16

For 16-pound rail



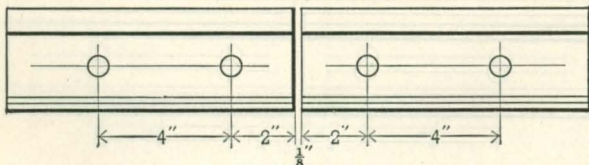
25.14 gross tons of rails per mile of single track.

210 feet of single track per gross ton of rails.

Punching of Rail

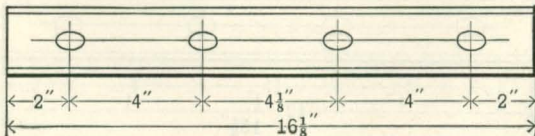
Center of web.

Diameter of holes, $\frac{5}{8}$ inch.



Punching of Splice Bar

Elliptical holes, $\frac{3}{4} \times \frac{9}{16}$ inch.

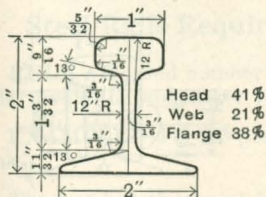


Approximate weight of complete joint, 5.16 pounds.

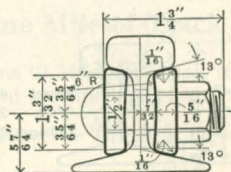
Bolts $\frac{1}{2} \times 1\frac{3}{4}$ inch, square nut. Spikes, $3\frac{1}{2} \times \frac{3}{8}$ inch.

Steel Rails and Connections

Section R-12
12 pounds per yard



Splice Bar Section S-12
For 12-pound rail



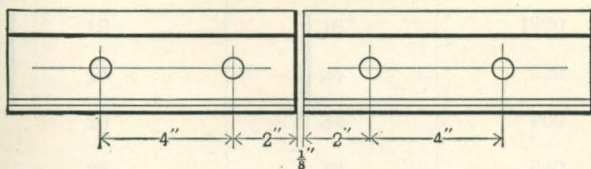
18.86 gross tons of rails per mile of single track.

280 feet of single track per gross ton of rails.

Punching of Rail

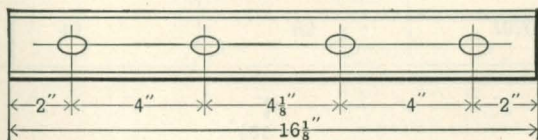
Center of web.

Diameter of holes, $\frac{5}{8}$ inch.



Punching of Splice Bar

Elliptical holes, $\frac{3}{4} \times \frac{5}{16}$ inch.



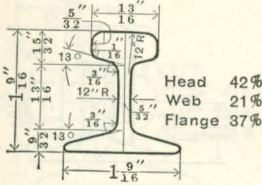
Approximate weight of complete joint, 4.25 pounds.

Bolts $\frac{1}{2} \times 1\frac{3}{4}$ inch, square nut. Spikes, 3 x $\frac{3}{8}$ inch.

Steel Rails and Connections

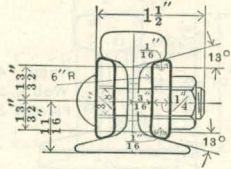
Section R-8

8 pounds per yard



Splice Bar Section S-8

For 8-pound rail



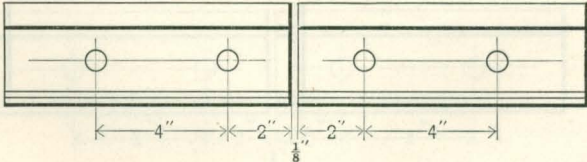
12.57 gross tons per mile of single track.

420 feet of single track per gross ton of rails.

Punching of Rail

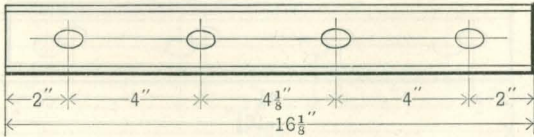
Center of web.

Diameter of holes, 1/2 inch.



Punching of Splice Bar

Elliptical holes, 5/8 x 1/16 inch.



Approximate weight of complete joint, 2.48 pounds.

Bolts 3/8 x 1 1/2 inch, square nut. Spikes, 2 1/2 x 5/16 inch.

Steel Rails Required for One Mile of Track

RULE.—To find number of gross tons (2,240 lbs.) of rail to the mile, divide the weight per yard by 7 and multiply by 11.

EXAMPLE.—For 70-pound rail: $70 \div 7 = 10$ $10 \times 11 = 110$ tons.

The number of tons of 2,000 pounds required per mile is very nearly $1\frac{3}{4}$ times the weight per yard.

Weight of Rail, per Yard, Pounds	TONS PER MILE, 2,240 POUNDS	
	Tons	Pounds
8	12	1280
12	18	1920
16	25	320
20	31	960
25	39	640
30	47	320
35	55	....
40	62	1920

Splice Joints for One Ton of Rails

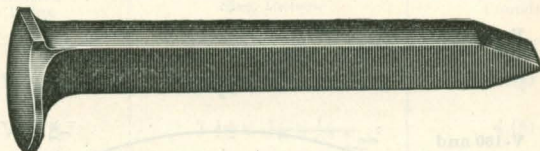
This table is based on standard practice for lengths, viz.: 90 per cent in 30 feet, and balance, or 10 per cent, to be not less than 24 feet. (Plain joints for 8 to 40 pounds made by Jones & Laughlin Steel Corporation.)

Weight of Rail, per Yard, Pounds	Number of Joints
8	28.00
12	19.04
16	14.28
20	11.42
25	9.14
30	7.62
35	6.53
40	5.71

Splice Bars and Bolts Per Mile of Single Track

Length of Rail	Number Splice Bars	Number Bolts	Number of Rails or Complete Joints
24 Feet	880	1760	440
25 Feet	844	1688	422
26 Feet	812	1624	406
27 Feet	782	1564	391
28 Feet	754	1508	377
30 Feet	704	1408	352
30 Feet } 10% Shorts }	710	1420	355

Standard Railroad Spikes

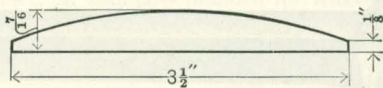


Size, Inches	Average Number per Keg 200 Pounds	QUANTITY OF SPIKES PER MILE OF SINGLE TRACK, TIES 2 FEET CENTER TO CENTER, 4 SPIKES PER TIE	
		Pounds	Kegs
6 1/2 x 5/8	235	9000	45
6 x 5/8	253	8348	41 3/4
5 1/2 x 5/8	265	7955	39 3/4
5 x 5/8	301	7020	35 1/10
5 1/2 x 9/16	323	6550	32 3/4
5 x 9/16	345	6066	30 1/8
4 1/2 x 9/16	410	5150	25 3/4
5 x 1/2	465	4544	22 3/4
4 1/2 x 1/2	530	4000	20
4 x 1/2	600	3533	17 2/3
3 1/2 x 1/2	660	3187	16
4 x 7/16	746	2836	14 1/5
3 1/2 x 7/16	860	2457	12 3/10
4 x 3/8	1002	2108	10 1/2
3 1/2 x 3/8	1190	1764	9
3 x 3/8	1290	1640	8 1/5
2 1/2 x 3/8	1550	1360	6 4/5
2 1/2 x 5/16	2100	1000	5

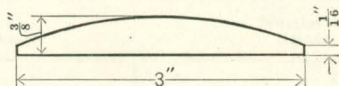
We also furnish Goldie Point Railroad Spikes.

Special Half Ovals

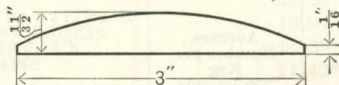
V-174 and
V-175



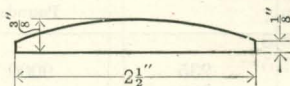
V-180 and
V-181



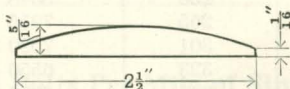
V-182



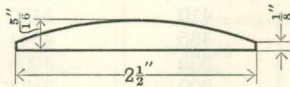
V-186 to
V-189



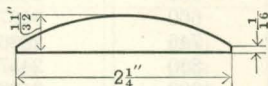
V-190



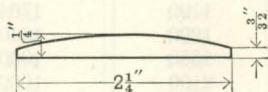
V-191



V-192



V-193 and
V-194



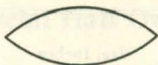
For sizes not shown inquiries may be submitted.

Special Half Ovals

Section Index	Size, Inches	Weight per Foot, Pounds
V-174	3 1/2 x 1/2 x 1/8	4.50
V-175	3 1/2 x 7/16 x 1/8	4.00
V-180	3 x 7/16 x 1/16	3.21
V-181	3 x 3/8 x 1/16	2.79
V-182	3 x 1 1/32 x 1/16	2.57
V-186	2 1/2 x 5/8 x 1/8	4.00
V-187	2 1/2 x 1/2 x 1/8	3.21
V-188	2 1/2 x 7/16 x 1/8	2.86
V-189	2 1/2 x 3/8 x 1/8	2.49
V-190	2 1/2 x 5/16 x 1/16	1.97
V-191	2 1/2 x 5/16 x 1/8	2.13
V-192	2 1/4 x 1 1/32 x 1/16	1.85
V-193	2 1/4 x 5/16 x 1/16	1.77
V-194	2 1/4 x 1/4 x 3/32	1.52

JONES & LAUGHLIN STEEL CORPORATION

Sharp Ovals



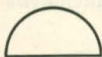
Width, Inches	Thickness, Inches	Radius, Inches	Weight per Foot, Pounds
$\frac{1}{2}$	$\frac{1}{4}$	$\frac{5}{16}$	.297
$\frac{9}{16}$	$\frac{9}{32}$	$\frac{11}{32}$	.376
$\frac{19}{32}$	$\frac{3}{8}$	$\frac{21}{64}$	.542
$\frac{5}{8}$	$\frac{5}{16}$	$\frac{25}{64}$	.465
$\frac{3}{4}$	$\frac{5}{16}$	$\frac{17}{32}$	.551
$\frac{3}{4}$	$\frac{3}{8}$	$\frac{15}{32}$	.669
$\frac{7}{8}$	$\frac{5}{16}$	$\frac{11}{16}$	.637
$\frac{7}{8}$	$\frac{3}{8}$	$\frac{37}{64}$	.800
$\frac{7}{8}$	$\frac{7}{16}$	$\frac{35}{64}$	.910
1	$\frac{7}{16}$	$\frac{11}{16}$	1.029
1	$\frac{1}{2}$	$\frac{5}{8}$	1.188
1 $\frac{1}{8}$	$\frac{9}{16}$	$\frac{45}{64}$	1.504
1 $\frac{1}{4}$	$\frac{5}{8}$	$\frac{25}{32}$	1.856
1 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{15}{16}$	2.673

Blunt Ovals



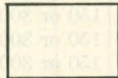
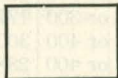
Width, Inches	Thickness, Inches	Long Radius, Inches	Short Radius, Inches	Weight per Foot, Pounds
$\frac{5}{8}$	$\frac{11}{32}$	$\frac{7}{16}$	$\frac{1}{16}$	.557
$\frac{13}{16}$	$\frac{9}{16}$	$\frac{29}{64}$	$\frac{1}{8}$	1.140
$\frac{7}{8}$	$\frac{5}{16}$	$\frac{13}{16}$	$\frac{3}{64}$	.677
$\frac{7}{8}$	$\frac{7}{16}$	$\frac{11}{16}$	$\frac{1}{8}$	1.020

Half Rounds



Diameter, Inches	Weight per Foot, Pounds	Diameter, Inches	Weight per Foot, Pounds
$\frac{1}{2}$	.334	1	1.335
$\frac{9}{16}$	.423	$1 \frac{1}{8}$	1.690
$\frac{5}{8}$	.522	$1 \frac{1}{4}$	2.086
$\frac{11}{16}$	.631		
$\frac{3}{4}$	.751	$1 \frac{1}{2}$	3.004
$\frac{7}{8}$	1.022		

Nut Steel Flats



All sizes from $\frac{1}{2}$ "x $\frac{1}{4}$ " to 4"x $2\frac{3}{8}$ ", inclusive,
 can be furnished. Weights appear
 in tables of Flat Rolled
 Steel, pages 134-139
 inclusive.

Sizes which may be obtained in coils:

$\frac{1}{2}$ " to 1" wide x $\frac{1}{4}$ " to $\frac{9}{16}$ " thick.

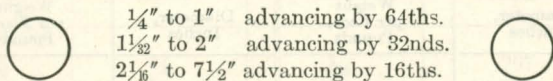
Sizes under $\frac{5}{8}$ " x $\frac{5}{16}$ ", 220-lb. coils.

Sizes under $\frac{13}{16}$ "x $\frac{7}{16}$ " to $\frac{5}{8}$ "x $\frac{5}{16}$ ", 300-lb. coils.

Sizes under 1"x $\frac{9}{16}$ " to $\frac{13}{16}$ "x $\frac{7}{16}$ ", 400-lb. coils.

Inside diameter of coils, 28" to 30".

Rounds



Bolt and rivet rounds can also be rolled to various decimal sizes.

For Maximum Lengths see opposite page.

Coiled Rounds

Diameter of Bar, Inches	Weight of Coil, Pounds	Length of Bar, Feet	Diameter of Bar, Inches	Weight of Coil, Pounds	Length of Bar, Feet
$19/64$	150 or 300	638 or 1276	$35/64$	150 or 300	185 or 370
$5/16$	150 or 300	570 or 1140	$9/16$	150 or 300	177 or 354
$21/64$	150 or 300	515 or 1030	$39/64$	300 or 400	300 or 400
$11/32$	150 or 300	470 or 940	$5/8$	300 or 400	288 or 384
$23/64$	150 or 300	440 or 880	$41/64$	300 or 400	273 or 366
$3/8$	150 or 300	400 or 800	$21/32$	400	348
$25/64$	150 or 300	366 or 732	$43/64$	400	332
$13/32$	150 or 300	388 or 676	$11/16$	400	318
$27/64$	150 or 300	314 or 628	$45/64$	400	302
$15/32$	150 or 300	250 or 500	$23/32$	400	290
$1/2$	150 or 300	224 or 448	$47/64$	400	278
$17/32$	150 or 300	195 or 390	$3/4$	400 or 600	266 or 399

The larger weight coils are preferable for sizes $3/8$ inch to $3/4$ inch, inclusive.

Squares



$\frac{1}{4}$ " to 2" advancing by 64ths.
 $2\frac{1}{16}$ " to 5" advancing by 16ths.



Maximum Lengths

ROUNDS		SQUARES	
Diameter, Inches	Length, Feet	Size, Inches	Length, Feet
$\frac{1}{4}$ to $3\frac{1}{64}$	40	$\frac{1}{4}$ to $3\frac{1}{64}$	40
$\frac{1}{2}$ to $1\frac{7}{8}$	60	$\frac{1}{2}$ to $1\frac{11}{16}$	60
1 $\frac{15}{16}$ to $2\frac{1}{16}$	55	1 $\frac{3}{4}$ to 2	55
2 $\frac{1}{8}$ to $4\frac{17}{32}$	48	2 $\frac{1}{16}$ to $3\frac{3}{4}$	48
4 $\frac{9}{16}$ to $5\frac{5}{16}$	46	3 $\frac{13}{16}$ to $3\frac{15}{16}$	43
5 $\frac{3}{8}$ and $5\frac{7}{16}$	45	4	40
5 $\frac{1}{2}$	44	4 $\frac{1}{16}$ and $4\frac{1}{8}$	39
5 $\frac{9}{16}$	43	4 $\frac{3}{16}$ to $4\frac{5}{16}$	38
5 $\frac{5}{8}$	42	4 $\frac{3}{8}$ to $4\frac{1}{2}$	39
5 $\frac{11}{16}$ and $5\frac{3}{4}$	41	4 $\frac{9}{16}$ and $4\frac{5}{8}$	38
5 $\frac{13}{16}$	40	4 $\frac{11}{16}$ to 5	37
5 $\frac{7}{8}$ and $5\frac{15}{16}$	39		
6	38		
6 $\frac{1}{16}$	37		
6 $\frac{1}{8}$ and $6\frac{3}{16}$	36		
6 $\frac{1}{4}$	35		
6 $\frac{5}{16}$	34		
6 $\frac{3}{8}$ and $6\frac{7}{16}$	33		
6 $\frac{1}{2}$ and $6\frac{9}{16}$	32		
6 $\frac{5}{8}$	31		
6 $\frac{3}{4}$	30		
6 $\frac{13}{16}$ and $6\frac{7}{8}$	29		
7	28		
7 $\frac{1}{16}$ and $7\frac{1}{8}$	27		
7 $\frac{3}{16}$ and $7\frac{1}{4}$	26		
7 $\frac{5}{16}$ and $7\frac{3}{8}$	25		
7 $\frac{7}{16}$ and $7\frac{1}{2}$	24		

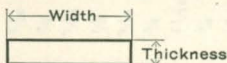
Longer lengths can be obtained only by special arrangement.

Hexagons



Width "a" across Flats, Inches	Weight per Foot, Pounds	Width "a" across Flats, Inches	Weight per Foot, Pounds
$\frac{5}{16}$	.288	$1 \frac{3}{32}$	3.522
$1 \frac{1}{32}$	.348	$1 \frac{1}{8}$	3.727
$\frac{3}{8}$	.414	$1 \frac{5}{32}$	3.937
$\frac{13}{32}$	.486	$1 \frac{3}{16}$	4.152
$\frac{7}{16}$	.564	$1 \frac{7}{32}$	4.374
$\frac{15}{32}$	.647	$1 \frac{1}{4}$	4.601
$\frac{1}{2}$	.736	$1 \frac{9}{32}$	4.834
$\frac{17}{32}$	.831	$1 \frac{5}{16}$	5.072
$\frac{9}{16}$	.933	$1 \frac{11}{32}$	5.317
$\frac{19}{32}$	1.038	$1 \frac{3}{8}$	5.567
$\frac{5}{8}$	1.150	$1 \frac{13}{32}$	5.823
$\frac{21}{32}$	1.268	$1 \frac{7}{16}$	6.085
$\frac{11}{16}$	1.392	$1 \frac{15}{32}$	6.352
$\frac{23}{32}$	1.521	$1 \frac{1}{2}$	6.625
$\frac{3}{4}$	1.656	$1 \frac{9}{16}$	7.189
$\frac{25}{32}$	1.797	$1 \frac{5}{8}$	7.775
$\frac{13}{16}$	1.944	$1 \frac{11}{16}$	8.385
$\frac{27}{32}$	2.096	$1 \frac{3}{4}$	9.018
$\frac{7}{8}$	2.254	$1 \frac{13}{16}$	9.673
$\frac{29}{32}$	2.418	$1 \frac{7}{8}$	10.352
$\frac{15}{16}$	2.588	$1 \frac{15}{16}$	11.053
$\frac{31}{32}$	2.763	2	11.778
1	2.945	$2 \frac{1}{16}$	12.525
$1 \frac{1}{32}$	3.131	$2 \frac{1}{4}$	14.906
$1 \frac{1}{16}$	3.324	$2 \frac{5}{16}$	15.747

Square Edge Flats

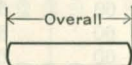


- $\frac{3}{4}$ to 1 inch wide x .109 to $\frac{15}{16}$ inch
- Over 1 to 2 inches wide x .109 to $1 \frac{7}{8}$ inches
- Over 2 to 3 inches wide x .109 to $2 \frac{7}{8}$ inches
- Over 3 to 4 inches wide x .109 to 3 inches
- Over 4 to 12 inches wide x .109 to 2 inches

Sizes 2 inches wide and wider in lighter gauges than listed will be considered.

Thickness greater than those listed can be furnished in some of the sizes. For weights see pages 124-144.

Round Edge Flats



Measured Over All

The face measurement is determined by subtracting .42 of the thickness from the overall width.

- $\frac{3}{4}$ inch wide x $\frac{1}{8}$ to $\frac{3}{8}$ inch
- $\frac{13}{16}$ and $\frac{7}{8}$ inch wide x $\frac{1}{8}$ to $\frac{7}{16}$ inch
- $\frac{15}{16}$ to 1 $\frac{1}{16}$ inches wide x $\frac{1}{8}$ to $\frac{1}{2}$ inch
- 1 $\frac{1}{8}$ inches wide x $\frac{3}{16}$ to $\frac{1}{2}$ inch
- 1 $\frac{3}{16}$ to 1 $\frac{11}{16}$ inches wide x $\frac{3}{16}$ to $\frac{3}{4}$ inch
- 1 $\frac{3}{4}$ inch wide x $\frac{3}{16}$ to 1 inch
- 1 $\frac{3}{16}$ to 3 $\frac{1}{2}$ inches wide x $\frac{1}{4}$ to 1 inch
- 3 $\frac{5}{8}$ to 4 $\frac{3}{4}$ inches wide x $\frac{3}{8}$ to 1 inch
- 5 inches wide x $\frac{1}{2}$ inch
- *5 inches wide x 1 $\frac{1}{8}$ inches
- *5 inches wide x 1 $\frac{1}{4}$ inches
- *6 inches wide x 1 $\frac{1}{2}$ inches

*Special-rolled with full radius.

Sizes, 6 to 12 inches wide x $\frac{1}{4}$ to 1 $\frac{1}{2}$ inches thick will be considered. For weights see pages 194-197.

Bands

Sizes, 6 inches wide and under by thickness lighter than $\frac{1}{4}$ inch as listed above.

Bands $\frac{3}{4}$ to 2 inches wide inclusive x $\frac{3}{16}$ inch thick are not made with band edges, but can be furnished with round edges or square edges as may be specified. For weights see pages 134-137, 194-197.

Universal Mill Plates
Sizes, with Maximum Lengths in Feet

Thickness, Inches	WIDTH, INCHES				
	6 1/8-12 Inclusive	13-23 Inclusive	24-25	26-35 Inclusive	36
1/4	65	60	60	.....	.....
5/16	65	60	60	60	.....
3/8	65	60	60	60	60
7/16	65	60	60	60	60
1/2	65	60	60	60	60
9/16	65	60	60	60	60
5/8	65	60	60	60	60
11/16	65	60	60	60	60
3/4	65	60	60	60	60
13/16	65	60	60	60	60
7/8	65	60	60	60	60
15/16	65	60	60	60	60
1	65	60	60	60	60
1 1/8	65	60	55	55	55
1 1/4	65	60	49	49	49
1 3/8	60	60	48	48	48
1 1/2	60	60	46	46	46
1 5/8	60	60	43	43	43
1 3/4	60	59	40	40	40
1 7/8	60	55	38	38	38
2	60	51	35	35	35

For intermediate widths not shown in above table, use length of next greater width.

Widths over 36 inches up to 42 inches subject to special consideration.

JONES & LAUGHLIN STEEL CORPORATION

List of Extreme Sizes of Sheared Plates, Inches

Thickness, Inches	WIDTH OF PLATES, INCHES										Thickness, Inches	
	110	106	102	98	94	90	88	84	80	76		72
3/16	....	....	....	....	....	....	....	....	240	300	360	3/16
1/4	....	....	....	....	300	300	300	360	360	360	420	1/4
5/16	....	....	300	300	300	300	360	420	420	420	480	5/16
3/8	240	240	300	300	360	360	420	420	420	420	480	3/8
7/16	240	240	300	300	360	360	420	420	420	420	480	7/16
1/2	240	240	300	300	360	360	420	420	420	420	480	1/2
9/16	240	240	300	300	360	360	420	420	420	420	480	9/16
5/8	240	240	300	300	360	360	420	420	420	432	432	5/8
11/16	240	240	300	300	312	324	360	360	360	420	420	11/16
3/4	240	240	240	300	300	312	360	360	360	420	420	3/4
13/16	240	240	240	300	300	312	360	360	360	420	420	13/16
7/8	240	240	240	300	300	312	360	360	372	384	420	7/8
1	240	240	240	300	300	300	300	324	360	360	420	1
1 1/4	....	....	240	240	240	288	288	288	288	288	300	1 1/4
1 3/8	....	....	240	240	240	264	264	264	264	264	288	1 3/8
1 1/2	....	....	180	192	192	192	204	240	240	240	261	1 1/2

Plates of greater dimensions than shown in this table may be submitted for special consideration. All our plates are accurately straightened by the most improved straightening methods known. Plates lighter than 1/16 inch or heavier than 1 1/2 inches subject to special consideration.

JONES & LAUGHLIN STEEL CORPORATION

List of Extreme Sizes of Sheared Plates, Inches

Thickness, Inches	WIDTH OF PLATES, INCHES											Thickness, Inches	
	68	64	60	56	52	48	44	40	36	32	28		24
3/16	360	360	360	360	360	360	360	360	360	360	360	360	3/16
1/4	420	420	480	480	480	480	480	480	480	480	480	480	1/4
5/16	480	480	480	480	480	480	480	480	480	480	480	480	5/16
3/8	480	480	480	480	480	480	480	480	480	480	480	480	3/8
7/16	480	480	480	480	480	480	480	480	480	480	480	480	7/16
1/2	480	480	480	480	480	480	480	480	480	480	480	480	1/2
9/16	480	480	480	480	480	480	480	480	480	420	420	420	9/16
5/8	480	480	480	480	480	480	480	480	480	420	420	420	5/8
11/16	420	480	480	480	480	480	480	480	480	420	420	420	11/16
3/4	420	480	480	480	480	480	480	480	480	420	420	420	3/4
13/16	420	420	420	480	480	480	480	480	480	420	420	420	13/16
7/8	420	420	420	480	480	480	480	480	480	420	420	420	7/8
1	420	420	420	480	480	480	480	480	480	420	420	420	1
1 1/4	300	300	300	312	324	360	360	360	360	300	300	300	1 1/4
1 3/8	288	300	300	300	312	312	312	300	300	300	300	300	1 3/8
1 1/2	264	276	276	300	300	300	300	300	300	276	276	276	1 1/2

Plates of greater dimensions than shown in this table may be submitted for special consideration. All our plates are accurately straightened by the most improved straightening methods known. Plates lighter than 3/8 inch or heavier than 1 1/2 inches subject to special consideration.

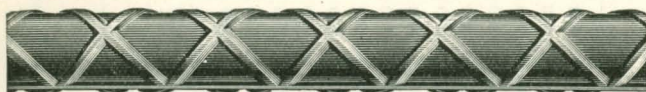
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Circular Plates

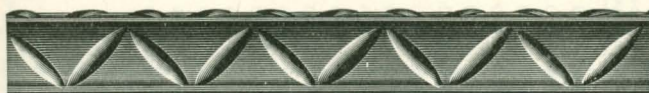
Thickness, Inches	Maximum Diameter, Inches	Thickness, Inches	Maximum Diameter, Inches
..	..	$\frac{9}{16}$	103
$\frac{3}{16}$	80	$\frac{5}{8}$	103
$\frac{1}{4}$	94	$1\frac{1}{16}$	103
$\frac{5}{16}$	102	$\frac{3}{4}$	} 103
$\frac{3}{8}$	103	up to	
$\frac{7}{16}$	103	$1\frac{1}{2}$	
$\frac{1}{2}$	103	.....	.....

Bars for Concrete Reinforcement

(Straight, Bent and Fabricated)



Round Equivalent Deformed



Square Equivalent Deformed

Sizes, Inches	Area in Square Inches	Weight, Per Foot in Pounds	Maximum Length, Feet
$\frac{3}{8}$ Round	.110	.376	40
$\frac{1}{2}$ Round	.196	.668	50
$\frac{1}{2}$ Square	.250	.850	50
$\frac{5}{8}$ Round	.307	1.043	60
$\frac{3}{4}$ Round	.442	1.502	60
$\frac{7}{8}$ Round	.601	2.044	60
1 Round	.785	2.670	60
1 Square	1.000	3.400	60
1 $\frac{1}{8}$ Square	1.266	4.303	60
1 $\frac{1}{4}$ Square	1.563	5.313	60

Weights and areas of Diamond Bars are equal to plain bars of like denominations.

Longer lengths furnished only by special arrangement.

All square equivalent sections are furnished in gothic shape for convenience in identification.

JONES & LAUGHLIN STEEL CORPORATION

Cold Finished Steel Rounds

For Shafting, Screw Stock, Piston Rods, Etc.

Made accurately to size and carefully straightened

DIAMETER		Weight, per Foot	DIAMETER		Weight, per Foot
Inches	mm.		Inches	mm.	
1/8	3.17	0.042	23/32	18.26	1.379
9/64	3.57	0.053	47/64	18.65	1.440
5/32	3.97	0.065	3/4	19.05	1.502
11/64	4.37	0.079	49/64	19.45	1.565
3/16	4.76	0.094	25/32	19.84	1.630
13/64	5.16	0.110	51/64	20.24	1.696
7/32	5.56	0.128	13/16	20.64	1.763
15/64	5.95	0.147	53/64	21.03	1.831
1/4	6.35	0.167	27/32	21.44	1.901
17/64	6.75	0.188	55/64	21.83	1.972
9/32	7.14	0.211	7/8	22.22	2.044
19/64	7.54	0.235	57/64	22.62	2.118
5/16	7.94	0.261	29/32	23.02	2.193
21/64	8.33	0.288	59/64	23.42	2.270
11/32	8.74	0.316	15/16	23.81	2.347
23/64	9.13	0.345	61/64	24.21	2.426
3/8	9.52	0.376	31/32	24.61	2.506
25/64	9.92	0.407	63/64	25.00	2.587
13/32	10.32	0.441	1	25.40	2.670
27/64	10.72	0.475	1 1/32	26.19	2.840
7/16	11.11	0.511	1 1/16	26.99	3.014
29/64	11.51	0.548	1 3/32	27.78	3.194
15/32	11.91	0.587	1 1/8	28.57	3.379
31/64	12.30	0.627	1 5/32	29.37	3.570
1/2	12.70	0.668	1 3/16	30.16	3.766
33/64	13.10	0.710	1 7/32	30.96	3.966
17/32	13.49	0.754	1 1/4	31.75	4.173
35/64	13.89	0.799	1 9/32	32.54	4.384
9/16	14.29	0.845	1 5/16	33.34	4.600
37/64	14.68	0.893	1 11/32	34.14	4.822
19/32	15.08	0.941	1 3/8	34.92	5.049
39/64	15.48	0.992	1 13/32	35.72	5.281
5/8	15.87	1.043	1 7/16	36.51	5.518
41/64	16.27	1.096	1 15/32	37.31	5.761
21/32	16.69	1.150	1 1/2	38.10	6.008
43/64	17.06	1.205	1 17/32	38.89	6.261
11/16	17.46	1.262	1 9/16	39.69	6.520
45/64	17.86	1.320	1 19/32	40.48	6.783

JONES & LAUGHLIN STEEL CORPORATION

Cold Finished Steel Rounds
For Shafting, Screw Stock, Piston Rods, Etc.
 Made accurately to size and carefully straightened

DIAMETER		Weight, per Foot	DIAMETER		Weight, per Foot
Inches	mm.		Inches	mm.	
1 $\frac{5}{8}$	41.27	7.051	3 $\frac{11}{16}$	93.66	36.31
1 $\frac{21}{32}$	42.09	7.325	3 $\frac{3}{4}$	95.25	37.56
1 $\frac{11}{16}$	42.86	7.604	3 $\frac{13}{16}$	96.84	38.81
1 $\frac{23}{32}$	43.66	7.889	3 $\frac{7}{8}$	98.42	40.10
1 $\frac{3}{4}$	44.45	8.178	3 $\frac{15}{16}$	100.01	41.40
1 $\frac{25}{32}$	45.24	8.473	4	101.60	42.73
1 $\frac{13}{16}$	46.04	8.773	4 $\frac{1}{16}$	103.19	44.07
1 $\frac{27}{32}$	46.83	9.078	4 $\frac{1}{8}$	104.77	45.44
1 $\frac{7}{8}$	47.62	9.388	4 $\frac{3}{16}$	106.36	46.83
1 $\frac{29}{32}$	48.42	9.704	4 $\frac{1}{4}$	107.95	48.24
1 $\frac{15}{16}$	49.21	10.02	4 $\frac{5}{16}$	109.54	49.66
1 $\frac{31}{32}$	50.01	10.35	4 $\frac{3}{8}$	111.12	51.11
2	50.80	10.68	4 $\frac{7}{16}$	112.71	52.58
2 $\frac{1}{16}$	52.39	11.36	4 $\frac{1}{2}$	114.30	54.07
2 $\frac{1}{8}$	53.97	12.06	4 $\frac{9}{16}$	115.89	55.59
2 $\frac{3}{16}$	55.56	12.78	4 $\frac{5}{8}$	117.47	57.12
2 $\frac{1}{4}$	57.15	13.52	4 $\frac{11}{16}$	119.06	58.67
2 $\frac{5}{16}$	58.74	14.28	4 $\frac{3}{4}$	120.65	60.25
2 $\frac{3}{8}$	60.32	15.07	4 $\frac{13}{16}$	122.24	61.84
2 $\frac{7}{16}$	61.91	15.86	4 $\frac{7}{8}$	123.82	63.46
2 $\frac{1}{2}$	63.50	16.69	4 $\frac{15}{16}$	125.41	65.10
2 $\frac{9}{16}$	65.09	17.53	5	127.00	66.76
2 $\frac{5}{8}$	66.67	18.40	5 $\frac{1}{8}$	130.17	70.14
2 $\frac{11}{16}$	68.26	19.29	5 $\frac{1}{4}$	133.35	73.60
2 $\frac{3}{4}$	69.85	20.20	5 $\frac{3}{8}$	136.52	77.15
2 $\frac{13}{16}$	71.44	21.12	5 $\frac{1}{2}$	139.70	80.77
2 $\frac{7}{8}$	73.02	22.07	5 $\frac{5}{8}$	142.87	84.49
2 $\frac{15}{16}$	74.61	23.04	5 $\frac{3}{4}$	146.05	88.29
3	76.20	24.03	5 $\frac{7}{8}$	149.22	92.17
3 $\frac{1}{16}$	77.79	25.04	6	152.40	96.14
3 $\frac{1}{8}$	79.37	26.08	6 $\frac{1}{8}$	155.57	100.2
3 $\frac{3}{16}$	80.96	27.13	6 $\frac{1}{4}$	158.75	104.3
3 $\frac{1}{4}$	82.55	28.20	6 $\frac{3}{8}$	161.92	108.5
3 $\frac{5}{16}$	84.14	29.30	6 $\frac{1}{2}$	165.10	112.8
3 $\frac{3}{8}$	85.72	30.42	6 $\frac{5}{8}$	168.27	117.2
3 $\frac{7}{16}$	87.31	31.56	6 $\frac{3}{4}$	171.45	121.7
3 $\frac{1}{2}$	88.90	32.71	6 $\frac{7}{8}$	174.62	126.2
3 $\frac{9}{16}$	90.49	33.90	7	177.80	130.9
3 $\frac{5}{8}$	92.07	35.09			

JONES & LAUGHLIN STEEL CORPORATION



Cold Finished Steel Hexagons
Special Steel for Automatic Machine Work

SIZE (LEAST DIAM.)		Weight per Foot, Pounds	SIZE (LEAST DIAM.)		Weight per Foot, Pounds
Inches	mm.		Inches	mm.	
$\frac{3}{16}$	4.76	0.104	$1 \frac{1}{16}$	26.99	3.324
$\frac{7}{32}$	5.56	0.141	$1 \frac{1}{8}$	28.57	3.727
$\frac{1}{4}$	6.35	0.183	$1 \frac{3}{16}$	30.16	4.152
$\frac{9}{32}$	7.14	0.233	$1 \frac{1}{4}$	31.75	4.601
$\frac{5}{16}$	7.94	0.288	$1 \frac{5}{16}$	33.34	5.072
$\frac{11}{32}$	8.74	0.348	$1 \frac{3}{8}$	34.92	5.567
$\frac{3}{8}$	9.52	0.414	$1 \frac{7}{16}$	36.51	6.085
$\frac{13}{32}$	10.32	0.486	$1 \frac{1}{2}$	38.10	6.625
$\frac{7}{16}$	11.11	0.564	$1 \frac{9}{16}$	39.69	7.189
$\frac{15}{32}$	11.91	0.647	$1 \frac{5}{8}$	41.27	7.775
$\frac{1}{2}$	12.70	0.736	$1 \frac{11}{16}$	42.86	8.385
$\frac{17}{32}$	13.49	0.831	$1 \frac{3}{4}$	44.45	9.018
$\frac{9}{16}$	14.29	0.933	$1 \frac{13}{16}$	46.04	9.673
$\frac{19}{32}$	15.08	1.038	$1 \frac{7}{8}$	47.62	10.352
$\frac{5}{8}$	15.87	1.150	$1 \frac{15}{16}$	49.21	11.053
$\frac{11}{16}$	17.46	1.392	2	50.80	11.778
$\frac{3}{4}$	19.05	1.656	$2 \frac{1}{16}$	52.39	12.525
$\frac{13}{16}$	20.64	1.944	$2 \frac{1}{8}$	53.98	13.296
$\frac{7}{8}$	22.22	2.254	$2 \frac{3}{16}$	55.56	14.089
$\frac{15}{16}$	23.81	2.588	$2 \frac{1}{4}$	57.15	14.906
1	25.40	2.945	.....	.....	.....

Cold Finished Steel Squares
 For Keys, Splines, Square Shafts, Etc.

SQUARE		Weight per Foot, Pounds	SQUARE		Weight per Foot, Pounds
Inches	mm.		Inches	mm.	
$\frac{3}{16}$	4.76	.120	$1\frac{1}{16}$	26.99	3.84
$\frac{7}{32}$	5.56	.163	$1\frac{1}{8}$	28.57	4.31
$\frac{1}{4}$	6.35	.212	$1\frac{1}{4}$	31.75	5.32
$\frac{5}{16}$	7.14	.269	$1\frac{3}{8}$	34.92	6.43
$\frac{3}{8}$	7.94	.332	$1\frac{1}{2}$	38.10	7.65
$1\frac{1}{32}$	8.74	.402	$1\frac{5}{8}$	41.27	8.98
$\frac{7}{8}$	9.52	.478	$1\frac{3}{4}$	44.45	10.42
$\frac{7}{16}$	11.11	.651	2	50.80	13.61
$\frac{1}{2}$	12.70	.850	$2\frac{1}{4}$	57.15	17.22
$\frac{9}{16}$	14.29	1.08	$2\frac{1}{2}$	63.50	21.26
$\frac{5}{8}$	15.87	1.33	$2\frac{3}{4}$	69.85	25.72
$1\frac{1}{16}$	17.46	1.61	3	76.20	30.61
$\frac{3}{4}$	19.05	1.92	$3\frac{1}{4}$	82.55	35.93
$\frac{13}{16}$	20.64	2.25	$3\frac{1}{2}$	88.90	41.67
$\frac{7}{8}$	22.22	2.60	$3\frac{3}{4}$	95.25	47.84
$1\frac{1}{8}$	23.81	2.99	4	101.60	54.42
1	25.40	3.40	.....	.....	.....

Sizes 3 inches and smaller, have sharp corners. On sizes larger than 3 inches, the corners are slightly rounded.

Cold Finished Steel Flats



For Finger Bars, Knife Backs, Keys, Engine Guides, Elevator Slides, Etc.

Thickness, Inches	Width, Inches
$\frac{1}{8}$ to $2\frac{1}{2}$	$\frac{1}{4}$ to 8

Tables of Weights

The following tables are for reference only and have no bearing on the range of sizes produced by this Corporation.

The Weight of one cubic foot of steel is assumed to be approximately 489.6 pounds; weight of one cubic inch, 0.2833 pounds.

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot
Thickness in Gauges from No. 24 to No. 1—Widths from 3/8 inch to 12 inches

WIDTH, INCHES

Thick- ness, B.W.G.	3/8	1 3/32	7/16	1 5/32	1/2	17/32	9/16	19/32	5/8	2 1/32	1 1/16	2 3/32	3/4	2 5/32
24	.0281	.0304	.0327	.0351	.0374	.0397	.0421	.0444	.0468	.0491	.0514	.0538	.0561	.0584
23	.0319	.0345	.0372	.0398	.0425	.0452	.0478	.0505	.0531	.0558	.0584	.0611	.0638	.0664
22	.0357	.0387	.0417	.0446	.0476	.0506	.0536	.0565	.0595	.0625	.0655	.0684	.0714	.0744
21	.0408	.0442	.0476	.0510	.0544	.0578	.0612	.0646	.0680	.0714	.0748	.0782	.0816	.0850
20	.0446	.0483	.0521	.0558	.0595	.0632	.0669	.0707	.0744	.0781	.0818	.0855	.0893	.0930
19	.0536	.0580	.0625	.0669	.0714	.0759	.0803	.0848	.0893	.0937	.0982	.1026	.1071	.1116
18	.0325	.0677	.0729	.0781	.0833	.0885	.0937	.0989	.1041	.1093	.1145	.1197	.1250	.1302
17	.0740	.0801	.0863	.0924	.0986	.1048	.1109	.1171	.1233	.1294	.1356	.1417	.1479	.1541
16	.0829	.0898	.0967	.1036	.1105	.1174	.1243	.1312	.1381	.1450	.1519	.1588	.1658	.1727
15	.0918	.0995	.1071	.1148	.1224	.1301	.1377	.1454	.1530	.1607	.1683	.1760	.1836	.1913
14	.1058	.1146	.1235	.1323	.1411	.1499	.1587	.1676	.1764	.1852	.1940	.2028	.2117	.2205
13	.1211	.1312	.1413	.1514	.1615	.1716	.1817	.1918	.2019	.2120	.2221	.2322	.2423	.2523
12	.1390	.1506	.1621	.1737	.1853	.1969	.2085	.2200	.2316	.2432	.2548	.2664	.2780	.2895
11	.1530	.1658	.1785	.1913	.2040	.2168	.2295	.2423	.2550	.2678	.2805	.2933	.3060	.3188
10	.1709	.1851	.1993	.2136	.2278	.2420	.2563	.2705	.2848	.2990	.3132	.3275	.3417	.3559
9	.1887	.2044	.2202	.2359	.2516	.2673	.2831	.2988	.3145	.3302	.3460	.3617	.3774	.3931
8	.2104	.2279	.2454	.2630	.2805	.2980	.3156	.3331	.3506	.3682	.3857	.4032	.4208	.4383
7	.2295	.2486	.2678	.2869	.3060	.3251	.3443	.3634	.3825	.4016	.4208	.4399	.4590	.4781
6	.2588	.2804	.3020	.3235	.3451	.3667	.3882	.4098	.4314	.4529	.4745	.4961	.5177	.5392
5	.2805	.3039	.3273	.3506	.3740	.3974	.4208	.4441	.4675	.4909	.5143	.5376	.5610	.5844
4	.3035	.3287	.3540	.3793	.4046	.4299	.4552	.4805	.5058	.5310	.5563	.5816	.6069	.6322
3	.3302	.3577	.3853	.4128	.4403	.4678	.4953	.5229	.5504	.5779	.6054	.6329	.6605	.6880
2	.3621	.3923	.4225	.4526	.4828	.5130	.5432	.5733	.6035	.6337	.6639	.6940	.7242	.7544
1	.3825	.4144	.4463	.4781	.5100	.5419	.5738	.6056	.6375	.6694	.7013	.7331	.7650	.7969

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, B.W.G.	WIDTH, INCHES													
	13/16	27/32	7/8	29/32	15/16	31/32	1	1 1/32	1 1/16	1 3/32	1 1/2	1 5/32	1 3/16	1 7/32
24	.0608	.0631	.0655	.0678	.0701	.0725	.0748	.0771	.0795	.0818	.0842	.0865	.0888	.0912
23	.0691	.0717	.0744	.0770	.0797	.0823	.0850	.0877	.0903	.0930	.0956	.0983	.1009	.1036
22	.0774	.0803	.0833	.0863	.0893	.0922	.0952	.0982	.1012	.1041	.1071	.1101	.1131	.1160
21	.0884	.0918	.0952	.0986	.1020	.1054	.1088	.1122	.1156	.1190	.1224	.1258	.1292	.1326
20	.0967	.1004	.1041	.1078	.1116	.1153	.1190	.1227	.1264	.1302	.1339	.1376	.1413	.1450
19	.1160	.1205	.1250	.1294	.1339	.1383	.1428	.1473	.1517	.1562	.1607	.1651	.1696	.1740
18	.1354	.1406	.1458	.1510	.1562	.1614	.1666	.1718	.1770	.1822	.1874	.1926	.1978	.2030
17	.1602	.1664	.1726	.1787	.1849	.1910	.1972	.2034	.2095	.2157	.2219	.2280	.2342	.2403
16	.1796	.1865	.1934	.2003	.2072	.2141	.2210	.2279	.2348	.2417	.2486	.2555	.2624	.2693
15	.1989	.2066	.2142	.2219	.2295	.2372	.2448	.2525	.2601	.2678	.2754	.2831	.2907	.2984
14	.2293	.2381	.2469	.2557	.2646	.2734	.2822	.2910	.2998	.3087	.3175	.3263	.3351	.3439
13	.2624	.2725	.2826	.2927	.3028	.3129	.3230	.3331	.3432	.3533	.3634	.3735	.3836	.3937
12	.3011	.3127	.3243	.3359	.3474	.3590	.3706	.3822	.3938	.4053	.4169	.4285	.4401	.4517
11	.3315	.3443	.3570	.3698	.3825	.3953	.4080	.4208	.4335	.4463	.4590	.4718	.4845	.4973
10	.3702	.3844	.3987	.4129	.4271	.4414	.4556	.4698	.4841	.4983	.5126	.5268	.5410	.5553
9	.4089	.4246	.4403	.4560	.4718	.4875	.5032	.5189	.5347	.5504	.5661	.5818	.5976	.6133
8	.4558	.4733	.4909	.5084	.5259	.5435	.5610	.5785	.5961	.6136	.6311	.6487	.6662	.6837
7	.4973	.5164	.5355	.5546	.5738	.5929	.6120	.6311	.6503	.6694	.6885	.7076	.7268	.7459
6	.5608	.5824	.6039	.6255	.6471	.6686	.6902	.7118	.7333	.7549	.7765	.7980	.8196	.8412
5	.6078	.6311	.6545	.6779	.7013	.7246	.7480	.7714	.7948	.8181	.8415	.8649	.8883	.9116
4	.6575	.6828	.7081	.7333	.7586	.7839	.8092	.8345	.8598	.8851	.9104	.9356	.9609	.9862
3	.7155	.7430	.7705	.7980	.8256	.8531	.8806	.9081	.9356	.9632	.9907	1.0182	1.0457	1.0732
2	.7846	.8147	.8449	.8751	.9053	.9354	.9656	.9958	1.0260	1.0561	1.0863	1.1165	1.1467	1.1768
1	.8288	.8606	.8925	.9244	.9563	.9881	1.0200	1.0519	1.0838	1.1156	1.1475	1.1794	1.2113	1.2431

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness B.W.G.	WIDTH, INCHES													
	1 1/4	1 9/32	1 5/16	1 11/32	1 3/8	1 13/32	1 7/16	1 15/32	1 1/2	1 9/16	1 5/8	1 11/16	1 3/4	1 13/16
24	.0935	.0958	.0982	.1005	.1029	.1052	.1075	.1099	.1122	.1169	.1216	.1262	.1309	.1356
23	.1063	.1089	.1116	.1142	.1169	.1195	.1222	.1248	.1275	.1328	.1381	.1434	.1486	.1541
22	.1190	.1220	.1250	.1279	.1309	.1339	.1369	.1398	.1428	.1488	.1547	.1607	.1666	.1726
21	.1360	.1394	.1428	.1462	.1496	.1530	.1564	.1598	.1632	.1700	.1768	.1836	.1904	.1972
20	.1488	.1525	.1562	.1599	.1636	.1673	.1711	.1748	.1785	.1859	.1934	.2008	.2083	.2157
19	.1785	.1830	.1874	.1919	.1964	.2008	.2053	.2097	.2142	.2231	.2321	.2410	.2499	.2588
18	.2083	.2135	.2187	.2239	.2291	.2343	.2395	.2447	.2499	.2603	.2707	.2811	.2916	.3020
17	.2465	.2527	.2588	.2650	.2712	.2773	.2835	.2896	.2958	.3081	.3205	.3328	.3451	.3574
16	.2763	.2832	.2901	.2970	.3039	.3108	.3177	.3246	.3315	.3453	.3591	.3729	.3868	.4006
15	.3060	.3137	.3213	.3290	.3366	.3443	.3519	.3596	.3672	.3825	.3978	.4131	.4284	.4437
14	.3528	.3616	.3704	.3792	.3880	.3968	.4057	.4145	.4233	.4409	.4586	.4762	.4939	.5115
13	.4038	.4138	.4239	.4340	.4441	.4542	.4643	.4744	.4845	.5047	.5249	.5451	.5653	.5854
12	.4633	.4748	.4864	.4980	.5096	.5212	.5327	.5443	.5559	.5791	.6022	.6254	.6486	.6717
11	.5100	.5228	.5355	.5483	.5610	.5738	.5865	.5993	.6120	.6375	.6630	.6885	.7140	.7395
10	.5695	.5837	.5980	.6122	.6265	.6407	.6549	.6692	.6834	.7119	.7404	.7688	.7973	.8258
9	.6290	.6447	.6605	.6762	.6919	.7076	.7234	.7391	.7548	.7863	.8177	.8492	.8806	.9121
8	.7013	.7188	.7363	.7538	.7714	.7889	.8064	.8240	.8415	.8766	.9116	.9467	.9818	1.0168
7	.7650	.7841	.8033	.8224	.8415	.8606	.8798	.8989	.9180	.9563	.9945	1.0328	1.0710	1.1093
6	.8628	.8843	.9059	.9275	.9490	.9706	.9922	1.0137	1.0353	1.0784	1.1216	1.1647	1.2079	1.2510
5	.9350	.9584	.9818	1.0051	1.0285	1.0519	1.0753	1.0986	1.1220	1.1688	1.2155	1.2623	1.3090	1.3558
4	1.0115	1.0368	1.0621	1.0874	1.1127	1.1379	1.1632	1.1885	1.2138	1.2644	1.3150	1.3655	1.4161	1.4667
3	1.1008	1.1283	1.1558	1.1833	1.2108	1.2383	1.2659	1.2934	1.3209	1.3759	1.4310	1.4860	1.5411	1.5961
2	1.2070	1.2372	1.2674	1.2975	1.3277	1.3579	1.3881	1.4182	1.4484	1.5088	1.5691	1.6295	1.6898	1.7502
1	1.2750	1.3069	1.3388	1.3706	1.4025	1.4344	1.4663	1.4981	1.5300	1.5938	1.6575	1.7213	1.7850	1.8488

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, B.W.G.	WIDTH, INCHES														
	1 7/8	1 15/16	2	2 1/16	2 1/8	2 1/4	2 3/16	2 1/2	2 5/16	2 3/8	2 7/16	2 1/2	2 9/16	2 5/8	2 11/16
24	.1403	.1449	.1496	.1543	.1590	.1636	.1683	.1730	.1777	.1823	.1870	.1917	.1964	.2010	
23	.1594	.1647	.1700	.1753	.1806	.1859	.1913	.1966	.2019	.2072	.2125	.2178	.2231	.2284	
22	.1785	.1845	.1904	.1964	.2023	.2083	.2142	.2202	.2261	.2321	.2380	.2440	.2499	.2559	
21	.2040	.2108	.2176	.2244	.2312	.2380	.2448	.2516	.2584	.2652	.2720	.2788	.2856	.2934	
20	.2231	.2306	.2380	.2454	.2529	.2603	.2678	.2752	.2826	.2901	.2975	.3049	.3124	.3198	
19	.2678	.2767	.2856	.2945	.3035	.3124	.3213	.3302	.3392	.3481	.3570	.3659	.3749	.3838	
18	.3124	.3228	.3332	.3436	.3540	.3644	.3749	.3853	.3957	.4061	.4165	.4269	.4373	.4477	
17	.3698	.3821	.3944	.4067	.4191	.4314	.4437	.4560	.4684	.4807	.4930	.5053	.5177	.5300	
16	.4144	.4282	.4420	.4558	.4696	.4834	.4973	.5111	.5249	.5387	.5525	.5663	.5801	.5939	
15	.4590	.4743	.4896	.5049	.5202	.5355	.5508	.5661	.5814	.5967	.6120	.6273	.6426	.6579	
14	.5291	.5468	.5644	.5820	.5997	.6173	.6350	.6526	.6702	.6879	.7055	.7231	.7408	.7584	
13	.6056	.6258	.6460	.6662	.6864	.7066	.7268	.7469	.7671	.7873	.8075	.8277	.8479	.8681	
12	.6949	.7180	.7412	.7644	.7875	.8107	.8339	.8570	.8802	.9033	.9265	.9497	.9728	.9960	
11	.7650	.7905	.8160	.8415	.8670	.8925	.9180	.9435	.9690	.9945	1.0200	1.0455	1.0710	1.0965	
10	.8543	.8827	.9112	.9397	.9682	.9966	1.0251	1.0536	1.0821	1.1105	1.1390	1.1675	1.1960	1.2244	
9	.9435	.9750	1.0064	1.0379	1.0693	1.1008	1.1322	1.1637	1.1951	1.2266	1.2580	1.2895	1.3209	1.3524	
8	1.0519	1.0869	1.1220	1.1571	1.1921	1.2272	1.2623	1.2973	1.3324	1.3674	1.4025	1.4376	1.4726	1.5077	
7	1.1475	1.1858	1.2240	1.2623	1.3005	1.3388	1.3770	1.4153	1.4535	1.4918	1.5300	1.5683	1.6065	1.6448	
6	1.2941	1.3373	1.3804	1.4235	1.4667	1.5098	1.5530	1.5961	1.6392	1.6824	1.7255	1.7686	1.8118	1.8549	
5	1.4025	1.4493	1.4960	1.5428	1.5895	1.6363	1.6830	1.7298	1.7765	1.8233	1.8700	1.9168	1.9635	2.0103	
4	1.5173	1.5678	1.6184	1.6690	1.7196	1.7701	1.8207	1.8713	1.9219	1.9724	2.0230	2.0736	2.1242	2.1747	
3	1.6511	1.7062	1.7612	1.8162	1.8713	1.9263	1.9814	2.0364	2.0914	2.1465	2.2015	2.2565	2.3116	2.3666	
2	1.8105	1.8709	1.9312	1.9916	2.0519	2.1123	2.1726	2.2330	2.2933	2.3537	2.4140	2.4744	2.5347	2.5951	
1	1.9125	1.9763	2.0400	2.1038	2.1675	2.2313	2.2950	2.3588	2.4225	2.4863	2.5500	2.6138	2.6775	2.7413	

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

WIDTH, INCHES

Thickness,
B.W.G.

	2 3/4	2 13/16	2 7/8	2 15/16	3	3 1/16	3 1/8	3 3/16	3 1/4	3 5/16	3 3/8	3 7/16	3 1/2	3 9/16
24	2037	2104	2151	2197	2244	2291	2338	2384	2431	2478	2525	2571	2618	2665
23	2338	2391	2444	2497	2550	2603	2656	2709	2763	2816	2869	2922	2975	3028
22	2618	2678	2737	2797	2856	2916	2975	3035	3094	3154	3213	3273	3332	3392
21	2992	3060	3128	3196	3264	3332	3400	3468	3536	3604	3672	3740	3808	3876
20	3273	3347	3421	3496	3570	3644	3719	3793	3868	3942	4016	4091	4165	4239
19	3927	4016	4106	4195	4284	4373	4463	4552	4641	4730	4820	4909	4998	5087
18	4582	4686	4790	4894	4998	5102	5206	5310	5415	5519	5623	5727	5831	5935
17	5423	5546	5670	5793	5916	6039	6163	6286	6409	6532	6656	6779	6902	7025
16	6078	6216	6354	6492	6630	6768	6906	7044	7183	7321	7459	7597	7735	7873
15	6732	6885	7038	7191	7344	7497	7650	7803	7956	8109	8262	8415	8568	8721
14	7761	7937	8113	8290	8466	8642	8819	8995	9172	9348	9524	9701	9877	10053
13	8883	9084	9286	9488	9690	9892	10094	10296	10498	10699	10901	11103	11305	11507
12	10192	10423	10655	10886	11118	11350	11581	11813	12045	12276	12508	12739	12971	13203
11	11290	11475	11730	11985	12240	12495	12750	13005	13260	13515	13770	14025	14280	14535
10	12529	12814	13099	13383	13668	13953	14238	14522	14807	15092	15377	15661	15946	16231
9	13838	14153	14467	14782	15096	15411	15725	16040	16354	16669	16983	17298	17612	17927
8	15428	15778	16129	16479	16830	17181	17531	17882	18233	18583	18934	19284	19635	19986
7	16830	17213	17595	17978	18360	18743	19125	19508	19890	20273	20655	21038	21420	21803
6	18981	19412	19843	20275	20706	21137	21569	22000	22432	22863	23294	23726	24157	24588
5	20570	21038	21505	21973	22440	22908	23375	23843	24310	24778	25245	25713	26180	26648
4	22253	22759	23265	23770	24276	24782	25288	25793	26299	26805	27311	27816	28322	28828
3	24217	24767	25317	25868	26418	26968	27519	28069	28620	29170	29720	30271	30821	31371
2	26554	27158	27761	28365	28968	29572	30175	30779	31382	31986	32589	33193	33796	34400
1	28050	28688	29325	29963	30600	31238	31875	32513	33150	33788	34425	35063	35700	36338

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, B. W. G.	WIDTH, INCHES													
	3 5/8	3 11/16	3 3/4	3 13/16	3 7/8	3 15/16	4	4 1/16	4 1/8	4 3/16	4 1/4	4 5/16	4 3/8	4 7/16
24	2712	2758	2805	2852	2899	2945	2992	3039	3086	3132	3179	3226	3273	3319
23	3081	3134	3188	3241	3294	3347	3400	3453	3506	3559	3613	3666	3719	3772
22	3451	3511	3570	3630	3689	3749	3808	3868	3927	3987	4046	4106	4165	4225
21	3944	4012	4080	4148	4216	4284	4352	4420	4488	4556	4624	4692	4760	4828
20	4314	4388	4463	4537	4611	4686	4760	4834	4909	4983	5058	5132	5206	5281
19	5177	5266	5355	5444	5534	5623	5712	5801	5891	5980	6069	6158	6248	6337
18	6039	6143	6248	6352	6456	6560	6664	6768	6872	6976	7081	7185	7289	7393
17	7149	7272	7395	7518	7642	7765	7888	8011	8135	8258	8381	8504	8628	8751
16	8011	8149	8288	8426	8564	8702	8840	8978	9116	9254	9393	9531	9669	9807
15	8874	9027	9180	9333	9486	9639	9792	9945	10098	10251	10404	10557	10710	10863
14	10230	10406	10583	10759	10935	11112	11288	11464	11641	11817	11994	12170	12346	12523
13	11709	11911	12113	12314	12516	12718	12920	13122	13324	13526	13728	13929	14131	14333
12	13434	13666	13898	14129	14361	14592	14824	15056	15287	15519	15751	15982	16214	16445
11	14790	15045	15300	15555	15810	16065	16320	16575	16830	17085	17340	17595	17850	18105
10	16516	16800	17085	17370	17655	17939	18224	18509	18794	19078	19363	19648	19933	20217
9	18241	18556	18870	19185	19499	19814	20128	20443	20757	21072	21386	21701	22015	22330
8	20336	20687	21038	21388	21739	22089	22440	22791	23141	23492	23843	24193	24544	24894
7	22185	22568	22950	23333	23715	24098	24480	24863	25245	25628	26010	26393	26775	27158
6	25020	25451	25883	26314	26745	27177	27608	28039	28471	28902	29334	29765	30196	30628
5	27115	27583	28050	28518	28985	29453	29920	30388	30855	31323	31790	32258	32725	33193
4	29334	29839	30345	30851	31357	31862	32368	32874	33380	33885	34391	34897	35403	35908
3	31922	32472	33023	33573	34123	34674	35224	35774	36325	36875	37426	37976	38526	39077
2	35003	35607	36210	36814	37417	38021	38624	39228	39831	40435	41038	41642	42245	42849
1	36975	37613	38250	38888	39525	40163	40800	41438	42075	42713	43350	43988	44625	45263

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, B. W. G.	WIDTH, INCHES													
	4 1/2	4 9/16	4 5/8	4 11/16	4 3/4	4 7/8	5	5 1/8	5 1/4	5 3/8	5 1/2	5 5/8	5 3/4	5 7/8
24	3.366	3.413	3.460	3.506	3.553	3.647	3.740	3.834	3.927	4.021	4.114	4.208	4.301	4.395
23	3.325	3.378	3.431	3.484	3.538	3.644	3.740	3.836	3.932	4.028	4.124	4.220	4.316	4.412
22	4.284	4.344	4.403	4.463	4.522	4.641	4.760	4.879	4.998	5.117	5.236	5.355	5.474	5.593
21	4.896	4.964	5.032	5.100	5.168	5.304	5.440	5.576	5.712	5.848	5.984	6.120	6.256	6.392
20	5.355	5.429	5.504	5.578	5.653	5.801	5.950	6.099	6.248	6.396	6.545	6.694	6.843	6.991
19	6.426	6.515	6.605	6.694	6.783	6.962	7.140	7.319	7.497	7.676	7.854	8.033	8.211	8.390
18	7.497	7.601	7.705	7.809	7.914	8.122	8.330	8.538	8.747	8.955	9.163	9.371	9.580	9.788
17	8.874	8.997	9.121	9.244	9.367	9.614	9.860	1.0107	1.0353	1.0600	1.0846	1.1093	1.1339	1.1586
16	9.945	1.0083	1.0221	1.0359	1.0498	1.0774	1.1050	1.1326	1.1603	1.1879	1.2155	1.2431	1.2708	1.2984
15	1.1016	1.1169	1.1322	1.1475	1.1628	1.1934	1.2240	1.2546	1.2852	1.3158	1.3464	1.3770	1.4076	1.4382
14	1.2699	1.2875	1.3052	1.3228	1.3405	1.3757	1.4110	1.4463	1.4816	1.5168	1.5521	1.5874	1.6227	1.6579
13	1.4535	1.4737	1.4939	1.5141	1.5343	1.5746	1.6150	1.6554	1.6958	1.7361	1.7765	1.8169	1.8573	1.8976
12	1.6677	1.6909	1.7140	1.7372	1.7604	1.8067	1.8530	1.8993	1.9457	1.9920	2.0383	2.0846	2.1310	2.1773
11	1.8360	1.8615	1.8870	1.9125	1.9380	1.9890	2.0400	2.0910	2.1420	2.1930	2.2440	2.2950	2.3460	2.3970
10	2.0502	2.0787	2.1072	2.1356	2.1641	2.2211	2.2780	2.3350	2.3919	2.4489	2.5058	2.5628	2.6197	2.6767
9	2.2644	2.2959	2.3273	2.3588	2.3902	2.4531	2.5160	2.5789	2.6418	2.7047	2.7676	2.8305	2.8934	2.9563
8	2.5245	2.5596	2.5946	2.6297	2.6648	2.7349	2.8050	2.8751	2.9453	3.0154	3.0855	3.1556	3.2258	3.2959
7	2.7540	2.7923	2.8305	2.8688	2.9070	2.9835	3.0600	3.1365	3.2130	3.2895	3.3660	3.4425	3.5190	3.5955
6	3.1059	3.1490	3.1922	3.2353	3.2785	3.3647	3.4510	3.5373	3.6236	3.7098	3.7961	3.8824	3.9687	4.0549
5	3.3660	3.4128	3.4595	3.5063	3.5530	3.6465	3.7400	3.8335	3.9270	4.0205	4.1140	4.2075	4.3010	4.3945
4	3.6414	3.6920	3.7426	3.7931	3.8437	3.9449	4.0460	4.1472	4.2483	4.3495	4.4506	4.5518	4.6529	4.7541
3	3.9627	4.0177	4.0728	4.1278	4.1829	4.2929	4.4030	4.5131	4.6232	4.7332	4.8433	4.9534	5.0635	5.1735
2	4.3452	4.4056	4.4659	4.5263	4.5866	4.7073	4.8280	4.9487	5.0694	5.1901	5.3108	5.4315	5.5522	5.6729
1	4.5900	4.6538	4.7175	4.7813	4.8450	4.9725	5.1000	5.2275	5.3550	5.4825	5.6100	5.7375	5.8650	5.9925

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, B. W. G.	WIDTH, INCHES													
	6	6 1/8	6 1/4	6 3/8	6 1/2	6 5/8	6 3/4	6 7/8	7	7 1/8	7 1/4	7 3/8	7 1/2	7 5/8
24	4488	4582	4675	4769	4862	4956	5049	5143	5236	5330	5423	5517	5610	5704
23	5100	5206	5313	5419	5525	5631	5738	5844	5950	6056	6163	6269	6375	6481
22	5712	5831	5950	6069	6188	6307	6426	6545	6664	6783	6902	7021	7140	7259
21	6528	6664	6800	6936	7072	7208	7344	7480	7616	7752	7888	8024	8160	8296
20	7140	7289	7438	7586	7735	7884	8033	8181	8330	8479	8628	8776	8925	9074
19	8568	8747	8925	9104	9282	9461	9639	9818	9996	10175	10353	10532	10710	10889
18	9996	10204	10413	10621	10829	11037	11246	11454	11662	11870	12079	12287	12495	12703
17	11832	12079	12325	12572	12818	13065	13311	13558	13804	14051	14297	14544	14790	15037
16	13260	13536	13813	14089	14365	14641	14918	15194	15470	15746	16023	16299	16575	16851
15	14688	14994	15300	15606	15912	16218	16524	16830	17136	17442	17748	18054	18360	18666
14	16932	17285	17638	17990	18343	18696	19049	19401	19754	20107	20460	20812	21165	21518
13	19380	19784	20188	20591	20995	21399	21803	22206	22610	23014	23418	23821	24225	24629
12	22236	22699	23163	23626	24089	24552	25016	25479	25942	26405	26869	27332	27795	28258
11	24480	24990	25500	26010	26520	27030	27540	28050	28560	29070	29580	30090	30600	31110
10	27336	27906	28475	29045	29614	30184	30753	31323	31892	32462	33031	33601	34170	34740
9	30192	30821	31450	32079	32708	33337	33966	34595	35224	35853	36482	37111	37740	38369
8	33660	34361	35063	35764	36465	37166	37868	38569	39270	39971	40673	41374	42075	42776
7	36720	37485	38250	39015	39780	40545	41310	42075	42840	43605	44370	45135	45900	46665
6	41412	42275	43138	44000	44863	45726	46589	47451	48314	49177	50040	50902	51765	52628
5	44880	45815	46750	47685	48620	49555	50490	51425	52360	53295	54230	55165	56100	57035
4	48552	49564	50575	51587	52598	53610	54621	55633	56644	57656	58667	59679	60690	61702
3	52836	53937	55038	56138	57239	58340	59441	60541	61642	62743	63844	64944	66045	67146
2	57936	59143	60350	61557	62764	63971	65178	66385	67592	68799	70006	71213	72420	73627
1	61200	62475	63750	65025	66300	67575	68850	70125	71400	72675	73950	75225	76500	77775

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, B. W. G.	WIDTH, INCHES												
	7 3/4	7 7/8	8	8 1/8	8 1/4	8 3/8	8 1/2	8 5/8	8 3/4	8 7/8	9	9 1/8	9 1/4
24	5797	5891	5984	6078	6171	6265	6358	6452	6545	6639	6732	6826	6919
23	6588	6684	6800	6906	7013	7119	7225	7331	7438	7544	7650	7756	7863
22	7497	7617	7735	7854	7973	8092	8211	8330	8449	8568	8687	8806	8925
21	8432	8568	8704	8840	8976	9112	9248	9384	9520	9656	9792	9928	1.0064
20	9223	9371	9520	9669	9818	9966	1.0115	1.0264	1.0413	1.0561	1.0710	1.0859	1.1008
19	1.1067	1.1246	1.1424	1.1603	1.1781	1.1960	1.2138	1.2317	1.2495	1.2674	1.2852	1.3031	1.3209
18	1.2912	1.3120	1.3328	1.3536	1.3745	1.3953	1.4161	1.4369	1.4578	1.4786	1.4994	1.5202	1.5411
17	1.5283	1.5530	1.5776	1.6023	1.6269	1.6516	1.6762	1.7009	1.7255	1.7502	1.7748	1.7995	1.8241
16	1.7128	1.7404	1.7680	1.7956	1.8233	1.8509	1.8785	1.9061	1.9338	1.9614	1.9890	2.0166	2.0443
15	1.8972	1.9278	1.9584	1.9890	2.0196	2.0502	2.0808	2.1114	2.1420	2.1726	2.2032	2.2338	2.2644
14	2.1871	2.2223	2.2576	2.2929	2.3282	2.3634	2.3987	2.4340	2.4693	2.5045	2.5398	2.5751	2.6104
13	2.5033	2.5436	2.5840	2.6244	2.6648	2.7051	2.7455	2.7859	2.8263	2.8666	2.9070	2.9474	2.9878
12	2.8722	2.9185	2.9648	3.0111	3.0575	3.1038	3.1501	3.1964	3.2428	3.2891	3.3354	3.3817	3.4281
11	3.1620	3.2130	3.2640	3.3150	3.3660	3.4170	3.4680	3.5190	3.5700	3.6210	3.6720	3.7230	3.7740
10	3.5309	3.5879	3.6448	3.7018	3.7587	3.8157	3.8726	3.9296	3.9865	4.0435	4.1004	4.1574	4.2143
9	3.8998	3.9627	4.0256	4.0885	4.1514	4.2143	4.2772	4.3401	4.4030	4.4659	4.5288	4.5917	4.6546
8	4.3478	4.4179	4.4880	4.5581	4.6283	4.6984	4.7685	4.8386	4.9088	4.9789	5.0490	5.1191	5.1893
7	4.7430	4.8195	4.8960	4.9725	5.0490	5.1255	5.2020	5.2785	5.3550	5.4315	5.5080	5.5845	5.6610
6	5.3491	5.4353	5.5216	5.6079	5.6942	5.7804	5.8667	5.9530	6.0393	6.1255	6.2118	6.2981	6.3844
5	5.7970	5.8905	5.9840	6.0775	6.1710	6.2645	6.3580	6.4515	6.5450	6.6385	6.7320	6.8255	6.9190
4	6.2713	6.3725	6.4736	6.5748	6.6759	6.7771	6.8782	6.9794	7.0805	7.1817	7.2828	7.3840	7.4851
3	6.8247	6.9347	7.0448	7.1549	7.2650	7.3750	7.4851	7.5952	7.7053	7.8153	7.9254	8.0355	8.1456
2	7.4834	7.6041	7.7248	7.8455	7.9662	8.0869	8.2076	8.3283	8.4490	8.5697	8.6904	8.8111	8.9318
1	7.9050	8.0325	8.1600	8.2875	8.4150	8.5425	8.6700	8.7975	8.9250	9.0525	9.1800	9.3075	9.4350

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, B. W. G.	WIDTH, INCHES												
	9 3/8	9 1/2	9 5/8	9 3/4	10	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2	11 3/4	12
24	7.013	7.106	7.200	7.293	7.48	.767	.785	.804	.823	.842	.860	.879	.898
23	7.969	8.075	8.181	8.288	8.50	.871	.893	.914	.935	.956	.978	.999	1.020
22	8.925	9.044	9.163	9.282	9.52	.976	1.000	1.023	1.047	1.071	1.095	1.119	1.142
21	1.0200	1.0336	1.0472	1.0608	1.088	1.115	1.142	1.170	1.197	1.224	1.251	1.278	1.306
20	1.1156	1.1305	1.1454	1.1603	1.190	1.220	1.250	1.279	1.309	1.339	1.369	1.398	1.428
19	1.3388	1.3566	1.3745	1.3923	1.428	1.464	1.499	1.535	1.571	1.607	1.642	1.678	1.714
18	1.3619	1.3827	1.6035	1.6244	1.666	1.708	1.749	1.791	1.833	1.874	1.916	1.958	1.999
17	1.8488	1.8734	1.8981	1.9227	1.972	2.021	2.071	2.120	2.169	2.219	2.268	2.317	2.366
16	2.0719	2.0995	2.1271	2.1548	2.210	2.265	2.321	2.376	2.431	2.486	2.542	2.597	2.652
15	2.2950	2.3256	2.3562	2.3868	2.448	2.509	2.570	2.632	2.693	2.754	2.815	2.876	2.938
14	2.6456	2.6809	2.7162	2.7515	2.822	2.893	2.963	3.034	3.104	3.175	3.245	3.316	3.386
13	3.0281	3.0685	3.1089	3.1493	3.230	3.311	3.392	3.472	3.553	3.634	3.715	3.795	3.876
12	3.4744	3.5207	3.5670	3.6134	3.706	3.799	3.891	3.984	4.077	4.169	4.262	4.355	4.447
11	3.8250	3.8760	3.9270	3.9780	4.080	4.182	4.284	4.386	4.488	4.590	4.692	4.794	4.896
10	4.2713	4.3282	4.3852	4.4421	4.556	4.670	4.784	4.898	5.012	5.126	5.239	5.353	5.467
9	4.7175	4.7804	4.8433	4.9062	5.032	5.158	5.284	5.409	5.535	5.661	5.787	5.913	6.038
8	5.2594	5.3295	5.3996	5.4698	5.610	5.750	5.891	6.031	6.171	6.311	6.452	6.592	6.732
7	5.7375	5.8140	5.8905	5.9670	6.120	6.273	6.426	6.579	6.732	6.885	7.038	7.191	7.344
6	6.4706	6.5569	6.6432	6.7295	6.902	7.075	7.247	7.420	7.592	7.765	7.937	8.110	8.282
5	7.0125	7.1060	7.1995	7.2930	7.480	7.667	7.854	8.041	8.228	8.415	8.602	8.789	8.976
4	7.5863	7.6874	7.7886	7.8897	8.092	8.294	8.497	8.699	8.901	9.104	9.306	9.508	9.710
3	8.2556	8.3657	8.4758	8.5859	8.806	9.026	9.246	9.467	9.687	9.907	10.127	10.347	10.567
2	9.0525	9.1732	9.2939	9.4146	9.656	9.897	10.139	10.380	10.622	10.863	11.104	11.346	11.587
1	9.5625	9.6900	9.8175	9.9450	10.200	10.455	10.710	10.965	11.220	11.475	11.730	11.985	12.240

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot
 Thicknesses from 1/32 inch to 2 1/4 inches. Widths from 3/8 inch to 132 3/4 inches

Thick- ness, Inches	WIDTH, INCHES													
	3/8	13/32	7/16	15/32	1/2	17/32	9/16	19/32	5/8	21/32	11/16	23/32	3/4	25/32
1/4	.0398	.0432	.0465	.0498	.0531	.0564	.0598	.0631	.0664	.0697	.0730	.0764	.0797	.0830
1/6	.0797	.0863	.0930	.0996	1.063	1.063	1.129	1.195	1.262	1.328	1.395	1.461	1.527	1.660
3/32	.1195	1.295	1.395	1.494	1.594	1.693	1.793	1.893	1.992	2.092	2.191	2.291	2.391	2.490
1/8	1.594	1.727	1.859	1.992	2.125	2.258	2.391	2.523	2.656	2.789	2.922	3.055	3.188	3.320
5/32	1.992	2.158	2.324	2.490	2.656	2.822	2.988	3.154	3.320	3.486	3.652	3.818	3.984	4.150
3/16	2.391	2.590	2.789	2.988	3.188	3.387	3.586	3.785	3.984	4.184	4.383	4.582	4.781	4.980
1/2	2.789	3.021	3.254	3.486	3.719	3.951	4.184	4.416	4.648	4.881	5.113	5.346	5.578	5.811
3/4	3.188	3.453	3.719	3.984	4.250	4.516	4.781	5.047	5.313	5.578	5.844	6.109	6.375	6.641
5/8	3.984	4.316	4.648	4.980	5.313	5.645	5.977	6.309	6.641	6.973	7.305	7.637	7.969	8.301
3/8	4.781	5.180	5.578	5.977	6.375	6.773	7.172	7.570	7.969	8.367	8.766	9.164	9.563	9.961
7/16	5.578	6.043	6.508	6.973	7.438	7.902	8.367	8.832	9.297	9.762	1.0227	1.0691	1.1156	1.1621
1/2	6.375	6.906	7.438	7.969	8.500	9.031	9.563	1.0094	1.0625	1.1156	1.1688	1.2219	1.2750	1.3281
9/16	7.172	7.770	8.367	8.965	9.563	1.0160	1.0758	1.1355	1.1953	1.2551	1.3148	1.3746	1.4344	1.4941
5/8	7.969	8.633	9.297	9.961	1.0625	1.1289	1.1953	1.2617	1.3281	1.3945	1.4609	1.5273	1.5938	1.6602
11/16	8.766	9.496	1.0227	1.0957	1.1688	1.2418	1.3148	1.3879	1.4609	1.5340	1.6070	1.6801	1.7531	1.8262
3/4	9.563	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
13/16	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
7/8	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
15/16	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
1	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
1 1/16	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
1 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
1 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
1 1/2	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
1 5/8	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
1 3/4	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
1 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
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
2 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
2 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

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	1 3/16	27/32	7/8	29/32	15/16	31/32	1	1 1/32	1 1/16	1 3/32	1 1/2	1 5/32	1 3/16	1 7/32
1/32	.0863	.0896	.0930	.0963	.0996	.1029	.1063	.1096	.1129	.1162	.1195	.1229	.1262	.1295
1/16	.1727	.1793	.1859	.1926	.1992	.2059	.2125	.2191	.2258	.2324	.2391	.2457	.2523	.2590
3/32	.2590	.2689	.2789	.2888	.2988	.3088	.3188	.3287	.3387	.3486	.3586	.3686	.3785	.3885
1/8	.3453	.3586	.3719	.3852	.3984	.4117	.4250	.4383	.4516	.4648	.4781	.4914	.5047	.5180
5/16	.4316	.4482	.4648	.4814	.4980	.5146	.5312	.5479	.5645	.5811	.5977	.6143	.6309	.6475
3/8	.5180	.5379	.5578	.5777	.5977	.6176	.6375	.6574	.6773	.6973	.7172	.7371	.7570	.7770
7/16	.6043	.6275	.6508	.6740	.6973	.7205	.7438	.7670	.7902	.8135	.8367	.8600	.8832	.9064
1/2	.6906	.7172	.7438	.7703	.7969	.8234	.8500	.8766	.9031	.9297	.9563	.9828	1.0094	1.0359
5/8	.8633	.8965	.9297	.9629	.9961	1.0293	1.0625	1.0957	1.1289	1.1621	1.1953	1.2285	1.2617	1.2949
3/4	1.0359	1.0758	1.1156	1.1555	1.1953	1.2352	1.2750	1.3148	1.3547	1.3945	1.4344	1.4742	1.5141	1.5539
7/8	1.2086	1.2551	1.3016	1.3480	1.3945	1.4410	1.4875	1.5340	1.5805	1.6270	1.6734	1.7199	1.7664	1.8129
1 1/8	1.3813	1.4344	1.4875	1.5406	1.5938	1.6469	1.7000	1.7531	1.8063	1.8594	1.9125	1.9656	2.0188	2.0719
1 1/4	1.5539	1.6137	1.6734	1.7332	1.7930	1.8527	1.9125	1.9723	2.0320	2.0918	2.1516	2.2113	2.2711	2.3309
1 3/8	1.7266	1.7930	1.8594	1.9258	1.9922	2.0586	2.1250	2.1914	2.2578	2.3242	2.3906	2.4570	2.5234	2.5898
1 1/2	1.8992	1.9723	2.0453	2.1184	2.1914	2.2645	2.3375	2.4105	2.4836	2.5566	2.6297	2.7027	2.7758	2.8488
1 5/8	2.0719	2.1516	2.2313	2.3109	2.3906	2.4703	2.5500	2.6297	2.7094	2.7891	2.8688	2.9484	3.0281	3.1078
1 3/4	2.2445	2.3309	2.4172	2.5035	2.5898	2.6762	2.7625	2.8488	2.9352	3.0215	3.1078	3.1941	3.2805	3.3668
1 7/8	2.4172	2.5102	2.6031	2.6961	2.7891	2.8820	2.9750	3.0680	3.1609	3.2539	3.3469	3.4398	3.5328	3.6258
2	2.5898	2.6895	2.7891	2.8887	2.9883	3.0879	3.1875	3.2871	3.3867	3.4863	3.5859	3.6855	3.7852	3.8848
1 15/16	2.7625	2.8688	2.9750	3.0813	3.1875	3.2938	3.4000	3.5063	3.6125	3.7188	3.8250	3.9313	4.0375	4.1438
1 1/8	3.1078	3.2273	3.3469	3.4664	3.5859	3.7055	3.8250	3.9445	4.0641	4.1836	4.3031	4.4227	4.5422	4.6617
1 1/4	3.4531	3.5859	3.7188	3.8516	3.9844	4.1172	4.2500	4.3828	4.5156	4.6484	4.7813	4.9141	5.0469	5.1797
1 1/2	3.7984	3.9445	4.0906	4.2367	4.3828	4.5289	4.6750	4.8211	4.9672	5.1133	5.2594	5.4055	5.5516	5.6977
1 3/4	4.1438	4.3031	4.4625	4.6219	4.7813	4.9406	5.1000	5.2594	5.4188	5.5781	5.7375	5.8969	6.0563	6.2156
1 7/8	4.4891	4.6617	4.8344	5.0070	5.1797	5.3523	5.5250	5.6977	5.8703	6.0430	6.2156	6.3883	6.5609	6.7336
2	4.8344	5.0203	5.2063	5.3922	5.5781	5.7641	5.9500	6.1359	6.3219	6.5078	6.6938	6.8797	7.0656	7.2516
1 1 3/4	5.1797	5.3789	5.5781	5.7773	5.9766	6.1758	6.3750	6.5742	6.7734	6.9727	7.1719	7.3711	7.5703	7.7695
2 1/8	5.5250	5.7375	5.9500	6.1625	6.3750	6.5875	6.8000	7.0125	7.2250	7.4375	7.6500	7.8625	8.0750	8.2875
2 1/4	5.8703	6.0961	6.3219	6.5477	6.7734	6.9992	7.2250	7.4508	7.6766	7.9023	8.1281	8.3539	8.5797	8.8055
2 1/2	6.2156	6.4547	6.6938	6.9328	7.1719	7.4109	7.6500	7.8891	8.1281	8.3672	8.6063	8.8453	9.0844	9.3234

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

WIDTH, INCHES

Thickness, Inches	WIDTH, INCHES													
	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	3	4	5	
1/16	.1328	.1361	.139	.143	.146	.149	.153	.156	.159	.166	.173	.179	.186	.193
1/8	.2656	.2723	.279	.286	.292	.299	.305	.312	.319	.332	.345	.359	.372	.385
3/16	.3984	.4084	.418	.428	.438	.448	.458	.468	.478	.498	.518	.538	.558	.578
1/4	.5313	.5445	.558	.571	.584	.598	.611	.624	.638	.664	.691	.717	.744	.770
5/16	.6641	.6807	.697	.714	.730	.747	.764	.780	.797	.830	.863	.896	.930	.963
3/8	.7969	.8168	.837	.857	.877	.896	.916	.936	.956	.1036	.1036	.1076	.1116	.1155
7/16	.9297	.9529	.976	.999	1.023	1.046	1.069	1.092	1.116	1.162	1.209	1.255	1.302	1.348
1/2	1.0625	1.0891	1.116	1.142	1.169	1.195	1.222	1.248	1.275	1.328	1.381	1.434	1.488	1.541
5/8	1.3281	1.3613	1.395	1.428	1.461	1.494	1.527	1.561	1.594	1.660	1.727	1.793	1.859	1.926
3/4	1.5938	1.6336	1.673	1.713	1.753	1.793	1.833	1.873	1.913	1.992	2.072	2.152	2.231	2.311
7/8	1.8594	1.9059	1.952	1.999	2.045	2.092	2.138	2.185	2.231	2.324	2.417	2.510	2.603	2.696
1	2.1250	2.1781	2.231	2.284	2.338	2.391	2.444	2.497	2.550	2.656	2.763	2.869	2.975	3.081
1 1/16	2.3906	2.4504	2.510	2.570	2.630	2.689	2.749	2.809	2.869	2.988	3.108	3.227	3.347	3.466
1 1/8	2.6563	2.7227	2.789	2.855	2.922	2.988	3.055	3.121	3.188	3.320	3.453	3.586	3.719	3.852
1 1/4	2.9219	2.9949	3.068	3.141	3.214	3.287	3.360	3.433	3.506	3.632	3.798	3.945	4.091	4.237
1 3/8	3.1875	3.2672	3.347	3.427	3.506	3.586	3.666	3.745	3.825	3.984	4.144	4.303	4.463	4.622
1 1/2	3.4531	3.5395	3.626	3.712	3.798	3.885	3.971	4.057	4.144	4.316	4.489	4.662	4.834	5.007
1 5/8	3.7188	3.8117	3.905	3.998	4.091	4.184	4.277	4.370	4.463	4.648	4.834	5.020	5.206	5.392
1 3/4	3.9844	4.0840	4.184	4.283	4.383	4.482	4.582	4.682	4.781	4.980	5.180	5.379	5.577	5.777
1 7/8	4.2500	4.3563	4.463	4.569	4.675	4.781	4.888	4.994	5.100	5.313	5.525	5.738	5.950	6.163
2	4.7813	4.9008	5.020	5.140	5.259	5.379	5.498	5.618	5.738	5.977	6.216	6.455	6.694	6.933
2 1/16	5.3125	5.4453	5.578	5.711	5.844	5.977	6.109	6.242	6.375	6.641	6.906	7.172	7.438	7.703
2 1/8	5.8438	5.9898	6.136	6.282	6.428	6.574	6.720	6.866	7.013	7.305	7.597	7.889	8.181	8.473
2 1/4	6.3750	6.5344	6.694	6.853	7.013	7.172	7.331	7.491	7.650	7.969	8.288	8.606	8.924	9.244
2 3/8	6.9063	7.0789	7.252	7.424	7.597	7.770	7.942	8.115	8.288	8.633	8.978	9.323	9.669	10.014
2 1/2	7.4375	7.6234	7.809	7.995	8.181	8.367	8.553	8.739	8.925	9.297	9.699	10.041	10.413	10.784
2 5/8	7.9688	8.1680	8.367	8.566	8.766	8.965	9.164	9.363	9.563	9.961	10.359	10.758	11.156	11.555
3	8.5000	8.7125	8.925	9.138	9.350	9.563	9.775	9.988	10.200	10.625	11.050	11.475	11.900	12.325
3 1/16	9.0313	9.2570	9.483	9.709	9.934	10.160	10.386	10.612	10.838	11.289	11.741	12.192	12.644	13.095
3 1/8	9.5625	9.8016	10.041	10.280	10.519	10.758	10.997	11.236	11.475	11.953	12.431	12.909	13.388	13.866

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	1 7/8	1 15/16	2	2 1/16	2 1/8	2 3/16	2 1/4	2 5/16	2 3/8	2 7/16	2 1/2	2 9/16	2 5/8	2 11/16
1/4	.199	.206	.213	.219	.226	.232	.239	.246	.252	.259	.266	.272	.279	.286
5/16	.398	.412	.425	.438	.452	.465	.478	.491	.505	.518	.531	.545	.558	.571
3/8	.598	.618	.638	.657	.677	.697	.717	.737	.757	.777	.797	.817	.837	.857
1/2	.797	.823	.850	.877	.903	.930	.956	.983	1.009	1.036	1.063	1.089	1.116	1.142
5/8	.996	1.029	1.063	1.096	1.129	1.162	1.195	1.229	1.262	1.295	1.328	1.361	1.395	1.428
3/4	1.195	1.235	1.275	1.315	1.355	1.395	1.434	1.474	1.514	1.554	1.594	1.634	1.673	1.713
7/8	1.395	1.441	1.488	1.534	1.580	1.627	1.673	1.720	1.766	1.813	1.859	1.906	1.952	1.999
1	1.594	1.647	1.700	1.753	1.806	1.859	1.913	1.966	2.019	2.072	2.125	2.178	2.231	2.284
1 1/8	1.992	2.059	2.125	2.191	2.258	2.324	2.391	2.457	2.523	2.590	2.656	2.723	2.789	2.855
1 1/4	2.391	2.470	2.550	2.630	2.709	2.789	2.869	2.948	3.028	3.108	3.188	3.267	3.347	3.427
1 1/2	2.789	2.882	2.975	3.068	3.161	3.254	3.347	3.440	3.533	3.626	3.719	3.812	3.905	3.998
1 3/4	3.188	3.294	3.400	3.506	3.613	3.719	3.825	3.931	4.038	4.144	4.250	4.356	4.463	4.569
1 7/8	3.586	3.705	3.825	3.945	4.064	4.184	4.303	4.423	4.542	4.662	4.781	4.901	5.020	5.140
2	3.984	4.117	4.250	4.383	4.516	4.648	4.781	4.914	5.047	5.180	5.313	5.445	5.578	5.711
2 1/8	4.383	4.529	4.675	4.821	4.967	5.113	5.259	5.405	5.552	5.698	5.844	5.990	6.136	6.282
2 1/4	4.781	4.941	5.100	5.259	5.419	5.578	5.738	5.897	6.056	6.216	6.375	6.534	6.694	6.853
2 1/2	5.180	5.352	5.525	5.698	5.870	6.043	6.216	6.388	6.561	6.734	6.906	7.079	7.252	7.424
2 3/4	5.578	5.764	5.950	6.136	6.322	6.508	6.694	6.880	7.066	7.252	7.438	7.623	7.809	7.995
2 7/8	5.977	6.176	6.375	6.574	6.773	6.973	7.172	7.371	7.570	7.770	7.969	8.168	8.367	8.566
3	6.375	6.588	6.800	7.013	7.225	7.438	7.650	7.863	8.075	8.288	8.500	8.713	8.925	9.138
1 1/8	7.172	7.411	7.650	7.889	8.128	8.367	8.606	8.845	9.084	9.323	9.563	9.802	10.041	10.280
1 1/4	7.969	8.234	8.500	8.766	9.031	9.297	9.563	9.828	10.094	10.359	10.625	10.891	11.156	11.422
1 1/2	8.766	9.038	9.350	9.642	9.934	10.227	10.519	10.811	11.103	11.395	11.688	11.980	12.272	12.564
1 3/4	9.563	9.881	10.200	10.519	10.838	11.156	11.475	11.794	12.113	12.431	12.750	13.069	13.388	13.706
1 7/8	10.359	10.705	11.050	11.395	11.741	12.086	12.431	12.777	13.122	13.467	13.813	14.158	14.503	14.848
2	11.156	11.528	11.900	12.272	12.644	13.016	13.388	13.759	14.131	14.503	14.875	15.247	15.619	15.991
2 1/8	11.953	12.352	12.750	13.148	13.547	13.945	14.344	14.742	15.141	15.539	15.938	16.336	16.734	17.133
2 1/4	12.750	13.175	13.600	14.025	14.450	14.875	15.300	15.725	16.150	16.575	17.000	17.425	17.850	18.275
2 3/4	13.547	13.998	14.450	14.902	15.353	15.805	16.256	16.708	17.159	17.611	18.063	18.514	18.966	19.417
2 7/8	14.344	14.822	15.300	15.778	16.256	16.734	17.213	17.691	18.169	18.647	19.125	19.603	20.081	20.559

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES														
	2 3/4	2 13/16	2 7/8	2 15/16	3	3 1/16	3 1/8	3 1/4	3 1/2	3 3/4	3 5/8	3 3/4	3 7/8	3 1/2	3 9/16
1/16	.292	.299	.305	.312	.319	.325	.332	.339	.345	.352	.359	.365	.372	.379	.386
1/8	.584	.598	.611	.624	.638	.651	.664	.677	.691	.704	.717	.730	.744	.757	.770
3/16	.877	.896	.916	.936	.956	.976	.996	1.016	1.036	1.056	1.076	1.096	1.116	1.136	1.154
1/4	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
5/16	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	1.893	1.926
3/8	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
7/16	2.045	2.092	2.138	2.185	2.231	2.278	2.324	2.371	2.417	2.464	2.510	2.557	2.603	2.650	2.696
1/2	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
5/8	2.992	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	3.851
3/4	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	4.621
7/8	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	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	6.162
1 1/16	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	6.813	6.932
1 1/8	5.844	5.977	6.109	6.242	6.375	6.508	6.641	6.773	6.906	7.039	7.172	7.305	7.438	7.570	7.703
1 1/4	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	8.327	8.473
1 1/2	7.013	7.172	7.331	7.491	7.650	7.809	7.969	8.128	8.288	8.447	8.606	8.766	8.925	9.084	9.243
1 3/8	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	9.841	10.014
1 3/4	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	8.766	8.965	9.164	9.363	9.562	9.762	9.961	10.160	10.359	10.558	10.757	10.957	11.156	11.355	11.554
2	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 1/16	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 1/8	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 1/4	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 1/2	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 3/8	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 3/4	16.363	16.734	17.106	17.478	17.850	18.222	18.594	18.966	19.338	19.709	20.081	20.453	20.825	21.197	21.569
2 7/8	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
3	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 1/16	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	25.739	26.191
3 1/8	21.038	21.516	21.994	22.472	22.950	23.428	23.906	24.384	24.863	25.341	25.819	26.297	26.775	27.253	27.731

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES															
	3/8	3 11/16	3 3/4	3 13/16	3 7/8	3 15/16	4	4 1/16	4 1/8	4 3/16	4 1/4	4 5/16	4 3/8	4 7/16		
1/4	.385	.392	.398	.405	.412	.418	.425	.432	.438	.445	.452	.458	.465	.471		
1/8	.770	.784	.797	.810	.823	.837	.850	.863	.877	.890	.903	.916	.930	.943		
3/16	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		
1/2	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		
5/16	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		
3/8	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		
7/16	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		
1/2	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		
5/8	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		
3/4	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		
7/8	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		
1	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		
9/16	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		
5/8	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		
1 1/8	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		
3/4	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		
1 1/16	10.014	10.187	10.359	10.532	10.705	10.877	11.050	11.223	11.395	11.568	11.741	11.913	12.086	12.259		
7/8	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		
1 1/8	11.555	11.754	11.953	12.152	12.352	12.551	12.749	12.949	13.148	13.348	13.547	13.746	13.945	14.145		
1 1/16	12.325	12.538	12.750	12.963	13.175	13.388	13.600	13.813	14.025	14.238	14.450	14.663	14.875	15.088		
1	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		
1 1/16	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		
1 1/8	16.947	17.239	17.531	17.823	18.116	18.408	18.700	18.992	19.284	19.577	19.869	20.161	20.453	20.745		
1 1/2	18.488	18.806	19.125	19.444	19.763	20.081	20.400	20.719	21.038	21.356	21.675	21.994	22.313	22.631		
1 5/8	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		
1 3/4	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		
1 7/8	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		
2	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		
2 1/8	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		
2 1/4	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		

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	4 1/2	4 9/16	4 5/8	4 11/16	4 3/4	4 7/8	5	5 1/8	5 1/4	5 3/8	5 1/2	5 5/8	5 3/4	5 7/8
1/2	.478	.485	.491	.498	.505	.518	.531	.545	.558	.571	.584	.598	.611	.624
5/16	.956	.970	.983	.996	1.009	1.036	1.063	1.089	1.116	1.142	1.169	1.195	1.222	1.248
3/8	1.434	1.454	1.474	1.494	1.514	1.554	1.594	1.634	1.673	1.713	1.753	1.793	1.833	1.873
1/2	1.913	1.939	1.966	1.992	2.019	2.072	2.125	2.178	2.231	2.284	2.338	2.391	2.444	2.497
5/8	2.391	2.424	2.457	2.490	2.523	2.590	2.656	2.723	2.789	2.855	2.922	2.988	3.055	3.121
3/4	2.869	2.909	2.948	2.988	3.028	3.108	3.188	3.267	3.347	3.427	3.506	3.586	3.666	3.745
7/8	3.347	3.393	3.440	3.486	3.533	3.626	3.719	3.812	3.905	3.998	4.091	4.184	4.277	4.370
1 1/8	3.825	3.878	3.931	3.984	4.038	4.144	4.250	4.356	4.463	4.569	4.675	4.781	4.888	4.994
1 1/4	4.781	4.848	4.914	4.980	5.047	5.180	5.313	5.445	5.578	5.711	5.844	5.977	6.109	6.242
1 1/2	5.738	5.817	5.897	5.977	6.056	6.216	6.375	6.534	6.694	6.853	7.013	7.172	7.331	7.491
1 3/8	6.694	6.787	6.880	6.973	7.066	7.252	7.438	7.623	7.809	7.995	8.181	8.367	8.553	8.739
1 1/2	7.650	7.756	7.863	7.969	8.075	8.288	8.500	8.713	8.925	9.138	9.350	9.563	9.775	9.988
1 5/8	8.606	8.726	8.845	8.961	9.084	9.323	9.563	9.802	10.041	10.280	10.519	10.758	10.997	11.236
1 3/4	9.563	9.695	9.828	9.961	10.094	10.359	10.625	10.891	11.156	11.422	11.688	11.953	12.219	12.484
1 7/8	10.519	10.665	10.811	10.957	11.103	11.395	11.688	11.980	12.272	12.564	12.856	13.148	13.441	13.733
1 1/2	11.475	11.634	11.794	11.953	12.113	12.431	12.750	13.069	13.388	13.706	14.025	14.344	14.663	14.981
1 3/8	12.431	12.604	12.777	12.949	13.122	13.467	13.813	14.158	14.503	14.848	15.194	15.539	15.884	16.230
1 1/2	13.388	13.573	13.759	13.945	14.131	14.503	14.875	15.247	15.619	15.991	16.363	16.734	17.106	17.478
1 3/4	14.344	14.543	14.742	14.941	15.141	15.539	15.938	16.336	16.734	17.133	17.531	17.930	18.328	18.727
1 1/2	15.300	15.513	15.725	15.938	16.150	16.575	17.000	17.425	17.850	18.275	18.700	19.125	19.550	19.975
1 1/8	17.213	17.452	17.691	17.930	18.169	18.647	19.125	19.603	20.081	20.559	21.038	21.516	21.994	22.472
1 1/4	19.125	19.391	19.656	19.922	20.188	20.719	21.250	21.781	22.313	22.844	23.375	23.906	24.438	24.969
1 3/8	21.038	21.330	21.622	21.914	22.206	22.791	23.375	23.959	24.544	25.128	25.713	26.297	26.881	27.466
1 1/2	22.950	23.269	23.588	23.906	24.225	24.863	25.500	26.138	26.775	27.413	28.050	28.688	29.325	29.963
1 3/4	24.863	25.208	25.553	25.898	26.244	26.934	27.625	28.316	29.006	29.697	30.388	31.078	31.769	32.459
1 1/8	26.775	27.147	27.519	27.891	28.263	29.006	29.750	30.494	31.238	31.981	32.725	33.469	34.213	24.956
1 1/4	28.688	29.086	29.484	29.883	30.281	31.078	31.875	32.672	33.469	34.266	35.063	35.859	36.656	37.453
2	30.600	31.025	31.450	31.875	32.300	33.100	33.900	34.700	35.500	36.300	37.100	37.900	38.700	39.500
2 1/8	32.513	32.964	33.416	33.867	34.319	35.222	36.125	37.028	37.931	38.834	39.738	40.641	41.544	42.447
2 1/4	34.425	34.903	35.381	35.859	36.338	37.294	38.250	39.206	40.163	41.119	42.075	43.031	43.988	44.944

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thickness, Inches	WIDTH, INCHES												
	6	6 1/8	6 1/4	6 3/8	6 1/2	6 5/8	6 3/4	6 7/8	7	7 1/8	7 1/4	7 3/8	7 1/2
1/2	638	651	664	677	691	704	717	730	744	757	770	784	797
5/16	1,275	1,302	1,328	1,355	1,381	1,408	1,434	1,461	1,488	1,514	1,541	1,567	1,594
3/8	1,913	1,952	1,992	2,032	2,072	2,112	2,152	2,191	2,231	2,271	2,311	2,351	2,391
7/16	2,550	2,603	2,656	2,709	2,763	2,816	2,869	2,922	2,975	3,028	3,081	3,134	3,188
5/8	3,188	3,254	3,320	3,387	3,453	3,520	3,586	3,652	3,719	3,785	3,852	3,918	3,984
3/4	3,825	3,905	3,984	4,064	4,144	4,223	4,303	4,383	4,463	4,542	4,622	4,702	4,781
7/8	4,463	4,555	4,648	4,741	4,834	4,927	5,020	5,113	5,206	5,299	5,392	5,485	5,578
1	5,100	5,206	5,313	5,419	5,525	5,631	5,738	5,844	5,950	6,056	6,163	6,269	6,375
1 1/16	6,375	6,508	6,641	6,773	6,906	7,039	7,172	7,305	7,438	7,570	7,703	7,836	7,969
1 1/8	7,650	7,809	7,969	8,128	8,288	8,447	8,606	8,766	8,925	9,084	9,244	9,403	9,563
1 1/4	8,925	9,111	9,297	9,483	9,669	9,855	10,041	10,227	10,413	10,598	10,784	10,970	11,156
1 1/2	10,200	10,413	10,625	10,838	11,050	11,263	11,475	11,688	11,900	12,113	12,325	12,538	12,750
1 3/8	11,475	11,714	11,953	12,192	12,431	12,670	12,909	13,148	13,388	13,627	13,866	14,105	14,344
1 3/4	12,750	13,016	13,281	13,547	13,813	14,078	14,344	14,609	14,875	15,141	15,406	15,672	15,938
1 7/8	14,025	14,317	14,609	14,902	15,194	15,486	15,778	16,070	16,363	16,655	16,947	17,239	17,531
2	15,300	15,619	15,938	16,256	16,575	16,894	17,213	17,531	17,850	18,169	18,488	18,806	19,125
2 1/16	16,575	16,920	17,266	17,611	17,956	18,302	18,647	18,992	19,338	19,683	20,028	20,373	20,719
2 1/8	17,850	18,222	18,594	18,966	19,338	19,709	20,081	20,453	20,825	21,197	21,569	21,941	22,313
2 1/4	19,125	19,523	19,922	20,320	20,719	21,117	21,516	21,914	22,313	22,711	23,109	23,508	23,906
2 1/2	20,400	20,825	21,250	21,675	22,100	22,525	22,950	23,375	23,800	24,225	24,650	25,075	25,500
2 3/8	22,950	23,428	23,906	24,384	24,863	25,341	25,819	26,297	26,775	27,253	27,731	28,209	28,688
2 3/4	25,500	26,031	26,563	27,094	27,625	28,156	28,688	29,219	29,750	30,281	30,813	31,344	31,875
2 7/8	28,050	28,634	29,219	29,803	30,388	30,972	31,556	32,141	32,725	33,309	33,894	34,478	35,063
3	30,600	31,238	31,875	32,513	33,150	33,788	34,425	35,063	35,700	36,338	36,975	37,613	38,250
3 1/8	33,150	33,841	34,531	35,222	35,913	36,603	37,294	37,984	38,675	39,366	40,056	40,747	41,438
3 1/4	35,700	36,444	37,188	37,931	38,675	39,419	40,163	40,906	41,650	42,394	43,138	43,881	44,625
3 1/2	38,250	39,047	39,844	40,641	41,438	42,234	43,031	43,828	44,625	45,422	46,219	47,016	47,813
3 3/4	40,800	41,650	42,500	43,350	44,200	45,050	45,900	46,750	47,600	48,450	49,300	50,150	51,000
3 7/8	43,350	44,253	45,156	46,059	46,963	47,866	48,769	49,672	50,575	51,478	52,381	53,284	54,188
4	45,900	46,856	47,813	48,769	49,725	50,681	51,638	52,594	53,550	54,506	55,463	56,419	57,375

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thickness, Inches	WIDTH, INCHES												
	7 7/8	7 3/4	7 7/8	8	8 1/8	8 1/4	8 3/8	8 1/2	8 5/8	8 3/4	8 7/8	9	9 1/8
1/16	810	823	837	850	863	877	890	903	916	930	943	956	970
1/8	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
3/16	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
1/4	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
5/16	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
3/8	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
7/16	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
1/2	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
5/8	8,102	8,234	8,367	8,500	8,633	8,766	8,898	9,031	9,164	9,297	9,430	9,563	9,695
3/4	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
7/8	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
1	12,963	13,175	13,388	13,600	13,813	14,025	14,238	14,450	14,663	14,875	15,088	15,300	15,513
1 1/16	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
1 1/8	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
1 1/4	17,823	18,116	18,408	18,700	18,992	19,284	19,577	19,869	20,161	20,453	20,745	21,038	21,330
1 3/8	19,444	19,763	20,081	20,400	20,719	21,038	21,356	21,675	21,994	22,313	22,631	22,950	23,269
1 1/2	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
1 5/8	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
1 3/4	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
1 7/8	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
2	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
2 1/16	32,938	33,469	33,999	34,529	35,059	35,589	36,119	36,649	37,179	37,709	38,239	38,769	39,299
2 1/8	35,647	36,231	36,816	37,400	37,984	38,569	39,153	39,738	40,322	40,906	41,491	42,075	42,659
2 1/4	38,388	39,525	40,163	40,800	41,438	42,075	42,713	43,350	43,988	44,625	45,263	45,900	46,538
2 3/8	42,128	42,819	43,509	44,200	44,891	45,581	46,272	46,963	47,653	48,344	49,034	49,725	50,416
2 1/2	45,369	46,113	46,856	47,600	48,344	49,088	49,831	50,575	51,319	52,063	52,806	53,550	54,294
2 5/8	48,609	49,406	50,203	51,000	51,797	52,594	53,391	54,188	54,984	55,781	56,578	57,375	58,172
3	51,850	52,700	53,550	54,400	55,250	56,100	56,950	57,800	58,650	59,500	60,350	61,200	62,050
3 1/8	55,091	55,994	56,897	57,800	58,703	59,606	60,509	61,413	62,316	63,219	64,122	65,025	65,928
3 1/4	58,331	59,288	60,244	61,200	62,156	63,113	64,069	65,025	65,981	66,938	67,894	68,850	69,806

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	9 1/4	9 3/8	9 1/2	9 5/8	9 3/4	10	10 1/4	10 1/2	10 3/4	11	11 1/4	11 1/2	11 3/4
1/16	.983	.996	1.009	1.023	1.036	1.063	1.089	1.116	1.142	1.169	1.195	1.222	1.248
1/8	1.966	1.992	2.019	2.045	2.072	2.125	2.178	2.231	2.284	2.338	2.391	2.444	2.497
3/16	2.948	2.988	3.028	3.068	3.108	3.188	3.267	3.347	3.427	3.506	3.586	3.666	3.745
1/4	3.931	3.984	4.038	4.091	4.144	4.250	4.356	4.463	4.569	4.675	4.781	4.888	4.994
5/16	4.914	4.980	5.047	5.113	5.180	5.313	5.445	5.578	5.711	5.844	5.977	6.109	6.242
3/8	5.897	5.977	6.056	6.136	6.216	6.375	6.534	6.694	6.853	7.013	7.172	7.331	7.491
7/16	6.880	6.973	7.066	7.159	7.252	7.437	7.623	7.809	7.995	8.181	8.367	8.553	8.739
1/2	7.863	7.969	8.075	8.181	8.288	8.500	8.713	8.925	9.138	9.350	9.563	9.775	9.988
5/8	8.828	8.961	9.094	9.227	9.359	9.625	9.891	10.156	10.422	10.688	10.953	11.219	11.484
3/4	11.794	11.953	12.113	12.272	12.431	12.750	13.069	13.388	13.706	14.025	14.344	14.663	14.981
7/8	13.759	13.945	14.131	14.317	14.503	14.875	15.247	15.619	15.991	16.363	16.734	17.106	17.478
1	15.725	15.938	16.150	16.363	16.575	17.000	17.425	17.850	18.275	18.700	19.125	19.550	19.975
9/16	17.691	17.930	18.169	18.408	18.647	19.125	19.603	20.081	20.559	21.038	21.516	21.994	22.472
5/8	19.656	19.922	20.188	20.453	20.719	21.250	21.781	22.313	22.844	23.375	23.906	24.438	24.969
1 1/16	21.622	21.914	22.206	22.498	22.791	23.375	23.959	24.544	25.128	25.713	26.297	26.881	27.466
3/4	23.588	23.906	24.225	24.544	24.863	25.500	26.138	26.775	27.413	28.050	28.688	29.325	29.963
13/16	25.553	25.898	26.244	26.589	26.934	27.625	28.316	29.006	29.697	30.388	31.078	31.769	32.459
7/8	27.519	27.891	28.263	28.634	29.006	29.750	30.494	31.238	31.981	32.725	33.469	34.213	34.956
1 1/8	29.484	29.883	30.281	30.680	31.078	31.875	32.672	33.469	34.266	35.063	35.859	36.656	37.453
1 1/16	31.450	31.875	32.300	32.725	33.150	34.000	34.850	35.700	36.550	37.400	38.250	39.100	39.950
1 1/8	35.381	35.859	36.338	36.816	37.294	38.250	39.206	40.163	41.119	42.075	43.031	43.988	44.944
1 1/4	39.313	39.844	40.375	40.906	41.438	42.500	43.563	44.625	45.688	46.750	47.813	48.875	49.938
1 1/16	43.244	43.828	44.413	44.997	45.581	46.750	47.919	49.088	50.256	51.425	52.594	53.763	54.931
1 1/2	47.175	47.813	48.450	49.088	49.725	51.000	52.275	53.550	54.825	56.100	57.375	58.650	59.925
1 5/8	51.106	51.797	52.488	53.178	53.869	55.250	56.631	58.013	59.394	60.775	62.156	63.538	64.919
1 3/4	55.038	55.781	56.525	57.269	58.013	59.500	60.988	62.475	63.963	65.450	66.938	68.425	69.913
1 7/8	58.969	59.766	60.563	61.359	62.156	63.750	65.344	66.938	68.531	70.125	71.719	73.313	74.906
2	62.900	63.750	64.600	65.450	66.300	68.000	69.700	71.400	73.100	74.800	76.500	78.200	79.900
2 1/8	66.831	67.734	68.638	69.541	70.444	72.250	74.056	75.863	77.669	79.475	81.281	83.088	84.894
2 1/4	70.763	71.719	72.675	73.631	74.588	76.500	78.413	80.325	82.238	84.150	86.063	87.975	89.888

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thickness, Inches	WIDTH, INCHES												
	12	12 1/4	12 1/2	12 3/4	13	13 1/4	13 1/2	13 3/4	14	14 1/4	14 1/2	14 3/4	15
1/2	1.275												
3/8	2.550												
1/2	3.825												
5/8	5.100	5.21	5.31	5.42	5.53	5.63	5.74	5.84	5.95	6.06	6.16	6.27	6.38
1	6.375	6.51	6.64	6.77	6.91	7.04	7.17	7.30	7.44	7.57	7.70	7.84	7.97
1 1/8	7.650	7.81	7.97	8.13	8.29	8.45	8.61	8.77	8.93	9.08	9.24	9.40	9.56
1 1/4	8.925	9.11	9.30	9.48	9.67	9.85	10.04	10.23	10.41	10.60	10.78	10.97	11.16
1 1/2	10.200	10.41	10.63	10.84	11.05	11.26	11.48	11.69	11.90	12.11	12.33	12.54	12.75
1 3/8	12.750	13.02	13.28	13.55	13.81	14.08	14.34	14.61	14.88	15.14	15.41	15.67	15.94
1 1/2	15.300	15.62	15.94	16.26	16.58	16.89	17.21	17.53	17.85	18.17	18.49	18.81	19.13
1 5/8	17.850	18.22	18.59	18.97	19.34	19.71	20.08	20.45	20.83	21.20	21.57	21.94	22.31
1 3/4	20.400	20.83	21.25	21.68	22.10	22.53	22.95	23.38	23.80	24.23	24.65	25.08	25.50
1 7/8	22.950	23.43	23.91	24.38	24.86	25.34	25.82	26.30	26.78	27.25	27.73	28.21	28.69
2	25.500	26.03	26.56	27.09	27.63	28.16	28.69	29.22	29.75	30.28	30.81	31.34	31.88
2 1/8	28.050	28.63	29.22	29.80	30.39	30.97	31.56	32.14	32.73	33.31	33.89	34.48	35.06
2 1/4	30.600	31.24	31.88	32.51	33.15	33.79	34.43	35.06	35.70	36.34	36.98	37.61	38.25
2 3/8	33.150	33.84	34.53	35.22	35.91	36.60	37.29	37.98	38.68	39.37	40.06	40.75	41.44
2 1/2	35.700	36.44	37.19	37.93	38.68	39.42	40.16	40.91	41.65	42.39	43.14	43.88	44.63
2 5/8	38.250	39.05	39.84	40.64	41.44	42.23	43.03	43.83	44.63	45.42	46.22	47.02	47.81
2 3/4	40.800	41.65	42.50	43.35	44.20	45.05	45.90	46.75	47.60	48.45	49.30	50.15	51.00
3	45.900	46.86	47.81	48.77	49.73	50.68	51.64	52.59	53.55	54.51	55.46	56.42	57.38
3 1/8	51.000	52.06	53.13	54.19	55.25	56.31	57.38	58.44	59.50	60.56	61.63	62.69	63.75
3 1/4	56.100	57.27	58.44	59.61	60.78	61.94	63.11	64.28	65.45	66.62	67.79	68.96	70.13
3 1/2	61.200	62.48	63.75	65.03	66.30	67.58	68.85	70.13	71.40	72.68	73.95	75.23	76.50
3 3/8	66.300	67.68	69.06	70.44	71.83	73.21	74.59	75.97	77.35	78.73	80.11	81.49	82.88
3 1/2	71.400	72.89	74.38	75.86	77.35	78.84	80.33	81.81	83.30	84.79	86.28	87.76	89.25
3 5/8	76.500	78.09	79.69	81.28	82.88	84.47	86.06	87.66	89.25	90.84	92.44	94.03	95.63
4	81.600	83.30	85.00	86.70	88.40	90.10	91.80	93.50	95.20	96.90	98.60	100.30	102.00
4 1/8	86.700	88.51	90.31	92.12	93.93	95.73	97.54	99.34	101.15	102.96	104.76	106.57	108.38
4 1/4	91.800	93.71	95.63	97.54	99.45	101.36	103.28	105.19	107.10	109.01	110.93	112.84	114.75

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	15 1/4	15 1/2	15 3/4	16	16 1/4	16 1/2	16 3/4	17	17 1/4	17 1/2	17 3/4	18	18 1/2
1/8	6.48	6.59	6.69	6.80	6.91	7.01	7.12	7.23	7.33	7.44	7.54	7.65	7.76
5/32	8.10	8.23	8.37	8.50	8.63	8.77	8.90	9.03	9.16	9.30	9.43	9.56	9.70
3/16	9.72	9.88	10.04	10.20	10.36	10.52	10.68	10.84	11.00	11.16	11.32	11.48	11.63
7/32	11.34	11.53	11.71	11.90	12.07	12.27	12.46	12.64	12.83	13.02	13.20	13.39	13.57
1/4	12.96	13.18	13.39	13.60	13.81	14.03	14.24	14.45	14.66	14.88	15.09	15.30	15.51
5/16	16.20	16.47	16.73	17.00	17.27	17.53	17.80	18.06	18.33	18.59	18.86	19.13	19.39
3/8	19.44	19.76	20.08	20.40	20.72	21.04	21.36	21.68	21.99	22.31	22.63	22.95	23.27
7/16	22.68	23.06	23.43	23.80	24.17	24.54	24.92	25.29	25.66	26.03	26.40	26.78	27.15
1/2	25.93	26.35	26.78	27.20	27.63	28.05	28.48	28.90	29.33	29.75	30.18	30.60	31.03
5/16	29.17	29.64	30.12	30.60	31.08	31.56	32.03	32.51	32.99	33.47	33.95	34.43	34.90
3/8	32.41	32.94	33.47	34.00	34.53	35.06	35.59	36.13	36.66	37.19	37.72	38.25	38.78
7/16	35.65	36.23	36.82	37.40	37.98	38.57	39.15	39.74	40.32	40.91	41.49	42.08	42.66
1/2	38.89	39.53	40.16	40.80	41.44	42.08	42.71	43.35	43.99	44.63	45.26	45.90	46.54
5/16	42.13	42.82	43.51	44.20	44.89	45.58	46.27	46.96	47.65	48.34	49.03	49.73	50.42
3/8	45.37	46.11	46.86	47.60	48.34	49.09	49.83	50.58	51.32	52.06	52.81	53.55	54.29
7/16	48.61	49.41	50.20	51.00	51.80	52.59	53.39	54.19	54.98	55.78	56.58	57.38	58.17
1/2	51.85	52.70	53.55	54.40	55.25	56.10	56.95	57.80	58.65	59.50	60.35	61.20	62.05
1 1/16	58.33	59.29	60.24	61.20	62.16	63.11	64.07	65.03	65.98	66.94	67.89	68.85	69.81
1 1/8	64.81	65.88	66.94	68.00	69.06	70.13	71.19	72.25	73.31	74.38	75.44	76.50	77.56
1 1/4	71.29	72.46	73.63	74.80	75.97	77.14	78.31	79.48	80.64	81.81	82.98	84.15	85.32
1 3/8	77.78	79.05	80.33	81.60	82.88	84.15	85.43	86.70	87.98	89.25	90.53	91.80	93.08
1 1/2	84.26	85.64	87.02	88.40	89.78	91.16	92.54	93.93	95.31	96.69	98.07	99.45	100.83
1 5/8	90.74	92.23	93.71	95.20	96.69	98.18	99.66	101.15	102.64	104.13	105.61	107.10	108.59
1 3/4	97.22	98.81	100.41	102.00	103.59	105.19	106.78	108.38	109.97	111.56	113.16	114.75	116.34
2	103.70	105.40	107.10	108.80	110.50	112.20	113.90	115.60	117.30	119.00	120.70	122.40	124.10
2 1/8	110.18	111.99	113.79	115.60	117.41	119.21	121.02	122.83	124.63	126.44	128.24	130.05	131.86
2 1/4	116.66	118.58	120.49	122.40	124.31	126.23	128.14	130.05	131.96	133.88	135.79	137.70	139.61

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	18 1/2	18 3/4	19	19 1/4	19 1/2	19 3/4	20	20 1/4	20 1/2	20 3/4	21	21 1/4	21 1/2
1/8	7.86	7.97	8.08	8.18	8.29	8.39	8.50	8.61	8.71	8.82	8.93	9.03	9.14
5/32	9.83	9.96	10.09	10.23	10.36	10.49	10.63	10.76	10.89	11.02	11.16	11.29	11.42
3/16	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
7/32	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
1/4	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
5/16	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
3/8	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
7/16	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
1/2	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
5/8	35.38	35.86	36.34	36.82	37.29	37.77	38.25	38.73	39.21	39.68	40.16	40.64	41.12
3/4	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
7/8	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
1	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
1 1/16	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
7/8	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
15/16	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
1	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
1 1/8	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
1 1/4	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
1 1/2	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
1 3/4	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
1 5/8	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
1 3/4	110.08	111.56	113.05	114.54	116.03	117.51	119.00	120.48	121.98	123.46	124.95	126.44	127.93
1 7/8	117.94	119.53	121.13	122.72	124.31	125.91	127.50	129.09	130.69	132.28	133.88	135.47	137.06
2	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
2 1/8	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
2 1/4	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

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness Inches	WIDTH, INCHES												
	21 3/4	22	22 1/4	22 1/2	22 3/4	23	23 1/4	23 1/2	23 3/4	24	24 1/4	24 1/2	24 3/4
1/8	9.24	9.35	9.46	9.56	9.67	9.78	9.88	9.99	10.09	10.20	10.31	10.41	10.52
5/32	11.55	11.69	11.82	11.95	12.09	12.22	12.35	12.48	12.62	12.75	12.88	13.02	13.15
3/16	13.87	14.03	14.18	14.34	14.50	14.66	14.82	14.98	15.14	15.30	15.46	15.62	15.78
7/32	16.18	16.36	16.55	16.73	16.92	17.11	17.29	17.48	17.66	17.85	18.04	18.22	18.41
1/4	18.49	18.70	18.91	19.13	19.34	19.55	19.76	19.98	20.19	20.40	20.61	20.83	21.04
5/16	23.11	23.38	23.64	23.91	24.17	24.44	24.70	24.97	25.23	25.50	25.77	26.03	26.30
3/8	27.73	28.05	28.37	28.69	29.01	29.33	29.64	29.96	30.28	30.60	30.92	31.24	31.56
7/16	32.35	32.73	33.10	33.47	33.84	34.21	34.58	34.96	35.33	35.70	36.07	36.44	36.82
1/2	36.98	37.40	37.83	38.25	38.68	39.10	39.53	39.95	40.38	40.80	41.23	41.65	42.08
9/16	41.60	42.08	42.55	43.03	43.51	43.99	44.47	44.94	45.42	45.90	46.38	46.86	47.33
5/8	46.22	46.75	47.28	47.81	48.34	48.88	49.41	49.94	50.47	51.00	51.53	52.06	52.59
11/16	50.84	51.43	52.01	52.59	53.18	53.76	54.35	54.93	55.52	56.10	56.68	57.27	57.85
3/4	55.46	56.10	56.74	57.38	58.01	58.65	59.29	59.93	60.56	61.20	61.84	62.48	63.11
13/16	60.08	60.78	61.47	62.16	62.85	63.54	64.23	64.92	65.61	66.30	66.99	67.68	68.37
7/8	64.71	65.45	66.19	66.94	67.68	68.43	69.17	69.91	70.66	71.40	72.14	72.89	73.63
15/16	69.33	70.13	70.92	71.72	72.52	73.31	74.11	74.91	75.70	76.50	77.30	78.09	78.89
1	73.95	74.80	75.65	76.50	77.35	78.20	79.05	79.90	80.75	81.60	82.45	83.30	84.15
1 1/16	83.19	84.15	85.11	86.06	87.02	87.98	88.93	89.89	90.84	91.80	92.76	93.71	94.67
1 1/8	92.44	93.50	94.56	95.63	96.69	97.75	98.81	99.88	100.94	102.00	103.06	104.13	105.19
1 3/8	101.68	102.85	104.02	105.19	106.36	107.53	108.69	109.86	111.03	112.20	113.37	114.54	115.71
1 1/2	110.93	112.20	113.48	114.75	116.03	117.30	118.58	119.85	121.13	122.40	123.68	124.95	126.23
1 5/8	120.17	121.55	122.93	124.31	125.69	127.08	128.46	129.84	131.22	132.60	133.98	135.36	136.74
1 3/4	129.41	130.90	132.39	133.88	135.36	136.85	138.34	139.83	141.31	142.80	144.29	145.78	147.26
1 7/8	138.66	140.25	141.84	143.44	145.03	146.63	148.22	149.81	151.41	153.00	154.59	156.19	157.78
2	147.90	149.60	151.30	153.00	154.70	156.40	158.10	159.80	161.50	163.20	164.90	166.60	168.30
2 1/8	157.14	158.95	160.76	162.56	164.37	166.18	167.98	169.79	171.59	173.40	175.21	177.01	178.82
2 1/4	166.39	168.30	170.21	172.13	174.04	175.95	177.86	179.78	181.69	183.60	185.51	187.43	189.34

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	25	25 1/4	25 1/2	25 3/4	26	26 1/4	26 1/2	26 3/4	27	27 1/4	27 1/2	27 3/4	28
1/8	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
3/16	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
7/16	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
1/2	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
5/16	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
3/8	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
7/8	31.88	32.19	32.51	32.83	33.15	33.47	33.79	34.11	34.43	34.74	35.06	35.38	35.70
1 1/16	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
1 1/4	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
1 3/16	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
1 1/2	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
1 5/8	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
1 3/4	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
1 7/8	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
1 15/16	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
1 1/2	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
1 1/2	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
1 1/2	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
1 3/4	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
1 3/4	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
1 1/2	127.50	128.78	130.05	131.33	132.61	133.88	135.15	136.43	137.70	138.98	140.25	141.53	142.80
1 5/8	138.13	139.51	140.89	142.27	143.65	145.03	146.41	147.79	149.18	150.56	151.94	153.32	154.70
1 3/4	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
1 7/8	159.38	160.97	162.56	164.16	165.75	167.34	168.94	170.53	172.13	173.72	175.31	176.90	178.50
2	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
2 1/8	180.63	182.43	184.24	186.04	187.85	189.66	191.46	193.27	195.08	196.88	198.69	200.49	202.30
2 1/4	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

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	28 3/4	28 1/2	28 3/4	29	29 1/4	29 1/2	29 3/4	30	30 1/4	30 1/2	30 3/4	31	31 1/4
1/8	12.01	12.11	12.22	12.33	12.43	12.54	12.64	12.75	12.86	12.96	13.07	13.18	13.28
5/32	15.01	15.14	15.27	15.41	15.54	15.67	15.80	15.94	16.07	16.20	16.34	16.47	16.60
7/16	18.01	18.17	18.33	18.49	18.65	18.81	18.97	19.13	19.28	19.44	19.60	19.76	19.92
1/2	21.01	21.20	21.38	21.57	21.75	21.94	22.13	22.31	22.50	22.68	22.87	23.06	23.24
5/16	24.01	24.23	24.44	24.65	24.86	25.08	25.29	25.50	25.71	25.93	26.14	26.35	26.56
3/8	30.02	30.28	30.55	30.81	31.08	31.34	31.61	31.88	32.14	32.41	32.67	32.94	33.20
7/16	36.02	36.34	36.66	36.98	37.29	37.61	37.93	38.25	38.57	38.89	39.21	39.53	39.84
1/2	42.02	42.39	42.77	43.14	43.51	43.88	44.25	44.63	45.00	45.37	45.74	46.11	46.48
5/8	48.03	48.45	48.88	49.30	49.73	50.15	50.58	51.00	51.43	51.85	52.28	52.70	53.13
9/16	54.03	54.51	54.98	55.46	55.94	56.42	56.90	57.38	57.85	58.33	58.81	59.29	59.77
11/16	60.03	60.56	61.09	61.63	62.16	62.69	63.22	63.75	64.28	64.81	65.34	65.88	66.41
3/4	72.04	72.68	73.31	73.95	74.59	75.23	75.86	76.50	77.14	77.78	78.41	79.05	79.69
13/16	78.04	78.73	79.42	80.11	80.80	81.49	82.18	82.88	83.57	84.26	84.95	85.64	86.33
7/8	84.04	84.79	85.53	86.28	87.02	87.76	88.51	89.25	89.99	90.74	91.48	92.23	92.97
15/16	90.05	90.84	91.64	92.44	93.23	94.03	94.83	95.63	96.42	97.22	98.02	98.81	99.61
1	96.05	96.90	97.75	98.60	99.45	100.30	101.15	102.00	102.85	103.70	104.55	105.40	106.25
1 1/16	108.06	109.01	109.97	110.93	111.88	112.84	113.79	114.75	115.71	116.66	117.62	118.58	119.53
1 1/4	120.07	121.13	122.19	123.25	124.31	125.38	126.44	127.50	128.56	129.63	130.69	131.75	132.81
1 3/8	132.08	133.24	134.41	135.58	136.74	137.91	139.08	140.25	141.42	142.59	143.76	144.93	146.09
1 1/2	144.08	145.35	146.63	147.90	149.18	150.45	151.73	153.00	154.28	155.55	156.83	158.10	159.38
1 5/8	156.08	157.46	158.84	160.23	161.61	162.99	164.37	165.75	167.13	168.51	169.89	171.28	172.66
1 3/4	168.09	169.58	171.06	172.55	174.04	175.53	177.01	178.50	179.99	181.48	182.96	184.45	185.94
1 7/8	180.09	181.69	183.28	184.88	186.47	188.06	189.66	191.25	192.84	194.44	196.03	197.63	199.22
2	192.10	193.80	195.50	197.20	198.90	200.60	202.30	204.00	205.70	207.40	209.10	210.80	212.50
2 1/8	204.11	205.91	207.72	209.53	211.33	213.14	214.94	216.75	218.56	220.36	222.17	223.98	225.78
2 1/4	216.11	218.03	219.94	221.85	223.76	225.68	227.59	229.50	231.41	233.33	235.24	237.15	239.06

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	31 1/2	31 3/4	32	32 1/4	32 1/2	32 3/4	33	33 1/4	33 1/2	33 3/4	34	34 1/4	34 1/2
1/8	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
5/16	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
7/16	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
1/2	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
5/8	26.78	26.99	27.20	27.41	27.63	27.84	28.05	28.26	28.48	28.69	28.90	29.11	29.33
3/4	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
7/8	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
1	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
1 1/8	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
1 1/4	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
1 1/2	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
1 3/4	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
1 7/8	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
2	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
2 1/8	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
2 1/4	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
2 3/4	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
3	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
3 1/8	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
3 1/4	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
3 1/2	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
3 3/4	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
4	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
4 1/8	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
4 1/4	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
4 1/2	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
4 3/4	240.98	242.89	244.80	246.71	248.63	250.54	252.45	254.36	256.28	258.19	260.10	262.01	263.93

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	34 3/4	35	35 1/4	35 1/2	35 3/4	36	36 1/4	36 1/2	36 3/4	37	37 1/4	37 1/2	37 3/4
1/8	14.77	14.88	14.98	15.09	15.19	15.30	15.41	15.51	15.62	15.73	15.83	15.94	16.04
5/32	18.46	18.59	18.73	18.86	18.99	19.13	19.26	19.39	19.52	19.66	19.79	19.92	20.05
3/16	22.15	22.31	22.47	22.63	22.79	22.95	23.11	23.27	23.43	23.59	23.75	23.91	24.07
1/4	25.85	26.03	26.22	26.40	26.59	26.78	26.96	27.15	27.33	27.52	27.70	27.89	28.08
5/16	29.54	29.75	29.96	30.18	30.39	30.60	30.81	31.03	31.24	31.45	31.66	31.88	32.09
3/8	36.92	37.19	37.45	37.72	37.98	38.25	38.52	38.78	39.05	39.31	39.58	39.84	40.11
7/16	44.31	44.63	44.94	45.26	45.58	45.90	46.22	46.54	46.86	47.18	47.49	47.81	48.13
1/2	51.69	52.06	52.43	52.81	53.18	53.55	53.92	54.29	54.67	55.04	55.41	55.78	56.15
5/8	59.08	59.50	59.93	60.35	60.78	61.20	61.63	62.05	62.48	62.90	63.33	63.75	64.18
3/4	66.46	66.94	67.42	67.89	68.37	68.85	69.33	69.81	70.28	70.76	71.24	71.72	72.20
7/8	73.84	74.38	74.91	75.44	75.97	76.50	77.03	77.56	78.09	78.63	79.16	79.69	80.22
1 1/8	81.23	81.81	82.40	82.98	83.57	84.15	84.73	85.32	85.90	86.49	87.07	87.66	88.24
1 1/4	88.61	89.25	89.89	90.53	91.16	91.80	92.44	93.08	93.71	94.35	94.99	95.63	96.26
1 1/2	96.00	96.69	97.38	98.07	98.76	99.45	100.14	100.83	101.52	102.21	102.90	103.59	104.28
1 3/4	103.38	104.13	104.87	105.61	106.36	107.10	107.84	108.59	109.33	110.08	110.82	111.56	112.31
1 5/8	110.77	111.56	112.36	113.16	113.95	114.75	115.55	116.34	117.14	117.94	118.73	119.53	120.33
1 7/8	118.15	119.00	119.85	120.70	121.55	122.40	123.25	124.10	124.95	125.80	126.65	127.50	128.35
2	132.92	133.88	134.83	135.79	136.74	137.70	138.66	139.61	140.57	141.53	142.48	143.44	144.39
2 1/8	147.69	148.75	149.81	150.88	151.94	153.00	154.06	155.13	156.19	157.25	158.31	159.38	160.44
2 1/4	162.46	163.63	164.79	165.96	167.13	168.30	169.47	170.64	171.81	172.98	174.14	175.31	176.48
2 1/2	177.23	178.50	179.78	181.05	182.33	183.60	184.88	186.15	187.43	188.70	189.98	191.25	192.53
2 3/4	191.99	193.38	194.76	196.14	197.52	198.90	200.28	201.66	203.04	204.43	205.81	207.19	208.57
2 7/8	206.76	208.25	209.74	211.23	212.71	214.20	215.69	217.18	218.66	220.15	221.64	223.13	224.61
3	221.53	223.13	224.72	226.31	227.91	229.50	231.09	232.69	234.28	235.88	237.47	239.06	240.66
3 1/8	236.30	238.00	239.70	241.40	243.10	244.80	246.50	248.20	249.90	251.60	253.30	255.00	256.70
3 1/4	251.07	252.88	254.68	256.49	258.29	260.10	261.91	263.71	265.52	267.33	269.13	270.94	272.74
3 1/2	265.84	267.75	269.66	271.58	273.49	275.40	277.31	279.23	281.14	283.05	284.96	286.88	288.79

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	38	38 1/4	38 1/2	38 3/4	39	39 1/4	39 1/2	39 3/4	40	40 1/4	40 1/2	40 3/4	41
1/8	16.15	16.26	16.36	16.47	16.58	16.68	16.79	16.89	17.00	17.11	17.21	17.32	17.43
5/16	20.19	20.32	20.45	20.59	20.72	20.85	20.98	21.12	21.25	21.38	21.52	21.65	21.78
3/8	24.23	24.38	24.54	24.70	24.86	25.02	25.18	25.34	25.50	25.66	25.82	25.98	26.14
7/16	28.26	28.45	28.63	28.82	29.01	29.19	29.38	29.56	29.75	29.94	30.12	30.31	30.49
1/2	32.30	32.51	32.73	32.94	33.15	33.36	33.58	33.79	34.00	34.21	34.43	34.64	34.85
5/8	40.38	40.64	40.91	41.17	41.44	41.70	41.97	42.23	42.50	42.77	43.03	43.30	43.56
3/4	48.45	48.77	49.09	49.41	49.73	50.04	50.36	50.68	51.00	51.32	51.64	51.96	52.28
7/8	56.53	56.90	57.27	57.64	58.01	58.38	58.76	59.13	59.50	59.87	60.24	60.62	60.99
1	64.60	65.03	65.45	65.88	66.30	66.73	67.15	67.58	68.00	68.43	68.85	69.28	69.70
1 1/16	72.68	73.15	73.63	74.11	74.59	75.07	75.54	76.02	76.50	76.98	77.46	77.93	78.41
3/8	80.75	81.28	81.81	82.34	82.88	83.41	83.94	84.47	85.00	85.53	86.06	86.59	87.13
1 1/8	88.83	89.41	89.99	90.58	91.16	91.75	92.33	92.92	93.50	94.08	94.67	95.25	95.84
1 1/4	96.90	97.54	98.18	98.81	99.45	100.09	100.73	101.36	102.00	102.64	103.28	103.91	104.55
1 3/8	104.98	105.67	106.36	107.05	107.74	108.43	109.12	109.81	110.50	111.19	111.88	112.57	113.26
7/8	113.05	113.79	114.54	115.28	116.03	116.77	117.51	118.26	119.00	119.74	120.49	121.23	121.98
1 5/8	121.13	121.92	122.72	123.52	124.31	125.11	125.91	126.70	127.50	128.30	129.09	129.89	130.69
1 7/8	129.20	130.05	130.90	131.75	132.60	133.45	134.30	135.15	136.00	136.85	137.70	138.55	139.40
2	145.35	146.31	147.26	148.22	149.18	150.13	151.09	152.04	153.00	153.96	154.91	155.87	156.83
1 1/2	161.50	162.56	163.63	164.69	165.75	166.81	167.88	168.94	170.00	171.06	172.13	173.19	174.25
1 3/4	177.65	178.82	179.99	181.16	182.33	183.49	184.66	185.83	187.00	188.17	189.34	190.51	191.68
1 7/8	193.80	195.08	196.35	197.63	198.90	200.18	201.45	202.73	204.00	205.28	206.55	207.83	209.10
1 5/8	209.95	211.33	212.71	214.09	215.48	216.86	218.24	219.62	221.00	222.38	223.76	225.14	226.53
1 3/4	226.10	227.59	229.08	230.56	232.05	233.54	235.03	236.51	238.00	239.48	240.98	242.46	243.95
1 1/2	242.25	243.84	245.44	247.03	248.63	250.22	251.81	253.41	255.00	256.59	258.19	259.78	261.38
2	258.40	260.10	261.80	263.50	265.20	266.90	268.60	270.30	272.00	273.70	275.40	277.10	278.80
2 1/8	274.55	276.36	278.16	279.97	281.78	283.58	285.39	287.19	289.00	290.81	292.61	294.42	296.23
2 1/4	290.70	292.61	294.53	296.44	298.35	300.26	302.18	304.09	306.00	307.91	309.83	311.74	313.65

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	41 1/4	41 1/2	41 3/4	42	42 1/4	42 1/2	42 3/4	43	43 1/4	43 1/2	43 3/4	44	44 1/4
1/8	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
3/16	21.91	22.05	22.18	22.31	22.45	22.58	22.71	22.84	22.98	23.11	23.24	23.38	23.51
7/16	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
1/4	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
5/16	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
3/8	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
7/8	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
1/2	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
5/16	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
3/8	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
11/16	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
3/4	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
13/16	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
7/8	122.72	123.46	124.21	124.95	125.69	126.44	127.18	127.93	128.67	129.41	130.16	130.90	131.64
1 1/8	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
1	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
1 1/8	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
1 1/4	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
1 3/8	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
1 1/2	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
1 5/8	227.91	229.29	230.67	232.05	233.43	234.81	236.19	237.58	238.96	240.34	241.72	243.10	244.48
1 3/4	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
1 7/8	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
2	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
2 1/8	298.03	299.84	301.64	303.45	305.26	307.06	308.87	310.68	312.48	314.29	316.09	317.90	319.71
2 1/4	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

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	44 1/2	44 3/4	45	45 1/4	45 1/2	45 3/4	46	46 1/4	46 1/2	46 3/4	47	47 1/4	47 1/2
1/8	18.91	19.02	19.13	19.23	19.34	19.44	19.55	19.66	19.76	19.87	19.98	20.08	20.19
5/16	23.64	23.77	23.91	24.04	24.17	24.30	24.44	24.57	24.70	24.84	24.97	25.10	25.23
3/8	28.37	28.53	28.69	28.85	29.01	29.17	29.33	29.48	29.64	29.80	29.96	30.12	30.28
7/16	33.10	33.28	33.47	33.65	33.84	34.03	34.21	34.40	34.58	34.77	34.96	35.14	35.33
1/2	37.83	38.04	38.25	38.46	38.68	38.89	39.10	39.31	39.53	39.74	39.95	40.16	40.38
5/8	47.28	47.55	47.81	48.08	48.34	48.61	48.88	49.14	49.41	49.67	49.94	50.20	50.47
3/4	56.74	57.06	57.38	57.69	58.01	58.33	58.65	58.97	59.29	59.61	59.93	60.24	60.56
7/8	66.19	66.57	66.94	67.31	67.68	68.05	68.43	68.80	69.17	69.54	69.91	70.28	70.66
1	75.65	76.08	76.50	76.93	77.35	77.78	78.20	78.63	79.05	79.48	79.90	80.33	80.75
1 1/16	85.11	85.58	86.06	86.54	87.02	87.50	87.98	88.45	88.93	89.41	89.89	90.37	90.84
1 1/8	94.56	95.09	95.63	96.16	96.69	97.22	97.75	98.28	98.81	99.34	99.88	100.41	100.94
1 1/4	104.02	104.60	105.19	105.77	106.36	106.94	107.53	108.11	108.69	109.28	109.86	110.45	111.03
1 3/8	113.48	114.11	114.75	115.39	116.03	116.66	117.30	117.94	118.58	119.21	119.85	120.49	121.13
1 1/2	122.93	123.62	124.31	125.00	125.69	126.38	127.08	127.77	128.46	129.15	129.84	130.53	131.22
1 5/8	132.39	133.13	133.88	134.62	135.36	136.11	136.85	137.59	138.34	139.08	139.83	140.57	141.31
1 3/4	141.84	142.64	143.44	144.23	145.03	145.83	146.63	147.42	148.22	149.02	149.81	150.61	151.41
1 7/8	151.30	152.15	153.00	153.85	154.70	155.55	156.40	157.25	158.10	158.95	159.80	160.65	161.50
2	170.21	171.17	172.13	173.08	174.04	174.99	175.95	176.91	177.86	178.82	179.78	180.73	181.69
2 1/16	189.13	190.19	191.25	192.31	193.38	194.44	195.50	196.56	197.63	198.69	199.75	200.81	201.88
2 1/8	208.04	209.21	210.38	211.54	212.71	213.88	215.05	216.22	217.39	218.56	219.73	220.89	222.06
2 1/4	226.95	228.23	229.50	230.78	232.05	233.33	234.60	235.88	237.15	238.43	239.70	240.98	242.25
2 3/8	245.86	247.24	248.63	250.01	251.39	252.77	254.15	255.53	256.91	258.29	259.68	261.06	262.44
2 1/2	264.78	266.26	267.75	269.24	270.73	272.21	273.70	275.19	276.68	278.16	279.65	281.14	282.63
2 5/8	283.69	285.28	286.88	288.47	290.06	291.66	293.25	294.84	296.44	298.03	299.63	301.22	302.81
3	302.60	304.30	306.00	307.70	309.40	311.10	312.80	314.50	316.20	317.90	319.60	321.30	323.00
3 1/16	321.51	323.32	325.13	326.93	328.74	330.54	332.35	334.16	335.96	337.77	339.58	341.38	343.19
3 1/8	340.43	342.34	344.25	346.16	348.08	349.99	351.90	353.81	355.73	357.64	359.55	361.46	363.38

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	47 3/4	48	48 1/4	48 1/2	48 3/4	49	49 1/4	49 1/2	49 3/4	50	50 1/4	50 1/2	50 3/4	51
1/8	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
5/16	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
3/8	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
7/16	35.51	35.70	35.89	36.07	36.26	36.44	36.63	36.82	37.00	37.19	37.37	37.56	37.75	37.93
1/2	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
5/16	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
3/8	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
7/16	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
1/2	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
9/16	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
5/8	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
11/16	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
3/4	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
13/16	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
7/8	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
15/16	152.20	153.00	153.80	154.59	155.39	156.18	156.98	157.78	158.58	159.38	160.17	160.97	161.77	162.56
1	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
1 1/8	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
1 1/4	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
1 3/8	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
1 1/2	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
1 5/8	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
1 3/4	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
1 7/8	304.41	306.00	307.59	309.19	310.78	312.38	313.97	315.56	317.16	318.75	320.34	321.94	323.53	325.13
2	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
2 1/8	344.99	346.80	348.61	350.41	352.22	354.03	355.83	357.64	359.44	361.25	363.06	364.86	366.67	368.48
2 1/4	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

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	51 1/4	51 1/2	51 3/4	52	52 1/4	52 1/2	52 3/4	53	53 1/4	53 1/2	53 3/4	54	54 1/4	54 1/2
1/8	21.78	21.89	21.99	22.10	22.21	22.31	22.42	22.53	22.63	22.74	22.84	22.95	23.06	23.16
5/16	27.23	27.36	27.49	27.63	27.76	27.89	28.02	28.16	28.29	28.42	28.55	28.69	28.82	28.95
3/16	32.67	32.83	32.99	33.15	33.31	33.47	33.63	33.79	33.95	34.11	34.27	34.43	34.58	34.74
7/16	38.12	38.30	38.49	38.68	38.86	39.05	39.23	39.42	39.60	39.79	39.98	40.16	40.35	40.53
1/2	43.56	43.78	43.99	44.20	44.41	44.63	44.84	45.05	45.26	45.48	45.69	45.90	46.11	46.33
5/16	54.45	54.72	54.98	55.25	55.52	55.78	56.05	56.31	56.58	56.84	57.11	57.38	57.64	57.91
3/8	65.34	65.66	65.98	66.30	66.62	66.94	67.26	67.58	67.89	68.21	68.53	68.85	69.17	69.49
7/16	76.23	76.61	76.98	77.35	77.72	78.09	78.47	78.84	79.21	79.58	79.95	80.33	80.70	81.07
1/2	87.13	87.55	87.98	88.40	88.83	89.25	89.68	90.10	90.53	90.95	91.38	91.80	92.23	92.65
5/8	98.02	98.49	98.97	99.45	99.93	100.41	100.88	101.36	101.84	102.32	102.80	103.28	103.75	104.23
3/4	108.91	109.44	109.97	110.50	111.03	111.56	112.09	112.63	113.16	113.69	114.22	114.75	115.28	115.81
13/16	119.80	120.38	120.97	121.55	122.13	122.72	123.30	123.89	124.47	125.06	125.64	126.23	126.81	127.39
1	130.69	131.33	131.96	132.60	133.24	133.88	134.51	135.15	135.79	136.43	137.06	137.70	138.34	138.98
1 1/16	141.58	142.27	142.96	143.65	144.34	145.03	145.72	146.41	147.10	147.79	148.48	149.18	149.87	150.56
1 1/8	152.47	153.21	153.96	154.70	155.44	156.19	156.93	157.68	158.42	159.16	159.91	160.65	161.39	162.14
1 1/4	163.36	164.16	164.95	165.73	166.53	167.34	168.14	168.94	169.73	170.53	171.33	172.13	172.92	173.72
1 1/2	174.25	175.10	175.95	176.80	177.65	178.50	179.35	180.20	181.05	181.90	182.75	183.60	184.45	185.30
1 3/4	196.03	196.99	197.94	198.90	199.86	200.81	201.77	202.73	203.68	204.64	205.59	206.55	207.51	208.46
2	217.81	218.88	219.94	221.00	222.06	223.13	224.19	225.25	226.31	227.38	228.44	229.50	230.56	231.62
2 1/8	239.59	240.76	241.93	243.10	244.27	245.44	246.61	247.78	248.94	250.11	251.28	252.45	253.62	254.79
2 1/4	261.38	262.65	263.93	265.20	266.48	267.75	269.03	270.30	271.58	272.85	274.13	275.40	276.68	277.95
2 3/8	283.16	284.54	285.92	287.30	288.68	290.06	291.44	292.83	294.21	295.59	296.97	298.35	299.73	301.11
2 1/2	304.94	306.43	307.91	309.40	310.89	312.38	313.86	315.35	316.84	318.33	319.81	321.30	322.78	324.28
2 3/4	326.72	328.31	329.91	331.50	333.09	334.69	336.28	337.88	339.47	341.06	342.66	344.25	345.84	347.44
3	348.50	350.20	351.90	353.60	355.30	357.00	358.70	360.40	362.10	363.80	365.50	367.20	368.90	370.60
3 1/8	370.28	372.09	373.89	375.70	377.51	379.31	381.12	382.93	384.73	386.54	388.34	390.15	391.96	393.76
3 1/4	392.06	393.98	395.89	397.80	399.71	401.63	403.54	405.45	407.36	409.28	411.19	413.10	415.01	416.93

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	54 3/4	55	55 1/4	55 1/2	55 3/4	56	56 1/4	56 1/2	56 3/4	57	57 1/4	57 1/2	57 3/4	58
1/8	23.27	23.38	23.48	23.59	23.69	23.80	23.91	24.01	24.12	24.23	24.33	24.44	24.54	24.65
5/32	29.09	29.22	29.35	29.48	29.62	29.75	29.88	30.01	30.15	30.28	30.41	30.55	30.68	30.81
3/16	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
7/32	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
1/4	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
5/16	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
3/8	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
7/16	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
1/2	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
5/8	104.71	105.19	105.67	106.14	106.62	107.10	107.58	108.06	108.53	109.01	109.49	109.97	110.45	110.93
3/4	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
13/16	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
15/16	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	151.25	151.94	152.63	153.32	154.01	154.70	155.39	156.08	156.77	157.46	158.15	158.84	159.53	160.23
1 1/8	162.88	163.63	164.37	165.11	165.86	166.60	167.34	168.09	168.83	169.58	170.32	171.06	171.81	172.55
1 1/4	174.52	175.31	176.11	176.91	177.70	178.50	179.30	180.09	180.89	181.69	182.48	183.28	184.08	184.88
1 1/2	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
1 3/4	209.42	210.38	211.33	212.29	213.24	214.20	215.16	216.11	217.07	218.03	218.98	219.94	220.89	221.85
2	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 1/8	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 1/4	279.23	280.50	281.78	283.05	284.33	285.60	286.88	288.15	289.43	290.70	291.98	293.25	294.53	295.80
2 3/8	302.49	303.88	305.26	306.64	308.02	309.40	310.78	312.16	313.54	314.93	316.31	317.69	319.07	320.45
2 1/2	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
2 3/4	349.03	350.63	352.22	353.81	355.41	357.00	358.59	360.18	361.78	363.38	364.97	366.56	368.16	369.75
3	372.30	374.00	375.70	377.40	379.10	380.80	382.50	384.20	385.90	387.60	389.30	391.00	392.70	394.40
3 1/8	395.57	397.38	399.18	400.99	402.79	404.60	406.41	408.21	410.02	411.83	413.63	415.44	417.24	419.05
3 1/4	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

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	58 1/4	58 1/2	58 3/4	59	59 1/4	59 1/2	59 3/4	60	60 1/4	60 1/2	60 3/4	61	61 1/4	61 1/2
1/8	24.76	24.86	24.97	25.08	25.18	25.29	25.39	25.50	25.61	25.71	25.82	25.93	26.03	26.14
3/16	30.95	31.08	31.21	31.34	31.48	31.61	31.74	31.88	32.01	32.14	32.27	32.41	32.54	32.67
1/4	37.13	37.29	37.45	37.61	37.77	37.93	38.09	38.25	38.41	38.57	38.73	38.89	39.05	39.21
5/16	43.32	43.51	43.70	43.88	44.07	44.25	44.44	44.63	44.81	45.00	45.18	45.37	45.55	45.74
3/8	49.51	49.73	49.94	50.15	50.36	50.58	50.79	51.00	51.21	51.43	51.64	51.85	52.06	52.28
7/16	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
1/2	74.27	74.59	74.91	75.23	75.54	75.86	76.18	76.50	76.82	77.14	77.46	77.78	78.09	78.41
5/8	86.65	87.02	87.39	87.76	88.13	88.51	88.88	89.25	89.62	89.99	90.37	90.74	91.11	91.48
3/4	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
7/8	111.40	111.88	112.36	112.84	113.32	113.79	114.27	114.75	115.23	115.71	116.18	116.66	117.14	117.62
1 1/8	123.78	124.31	124.84	125.38	125.91	126.44	126.97	127.50	128.03	128.56	129.09	129.63	130.16	130.69
1 1/4	136.16	136.74	137.33	137.91	138.50	139.08	139.67	140.25	140.83	141.42	142.00	142.59	143.17	143.76
1 3/8	148.54	149.18	149.81	150.45	151.09	151.73	152.36	153.00	153.64	154.28	154.91	155.55	156.19	156.83
1 1/2	160.92	161.61	162.30	162.99	163.68	164.37	165.06	165.75	166.44	167.13	167.82	168.51	169.20	169.89
1 5/8	173.29	174.04	174.78	175.53	176.27	177.01	177.76	178.50	179.25	179.99	180.73	181.48	182.22	182.96
1 3/4	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
2	198.05	198.90	199.75	200.60	201.45	202.30	203.15	204.00	204.85	205.70	206.55	207.40	208.25	209.10
2 1/8	222.81	223.76	224.72	225.68	226.63	227.58	228.54	229.50	230.46	231.41	232.37	233.33	234.28	235.24
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
2 3/8	272.32	273.49	274.66	275.83	276.99	278.16	279.33	280.50	281.67	282.84	284.01	285.18	286.34	287.51
2 1/2	297.08	298.33	299.63	300.90	302.18	303.45	304.73	306.00	307.28	308.55	309.83	311.10	312.38	313.65
2 5/8	321.83	323.21	324.59	325.98	327.36	328.74	330.12	331.50	332.88	334.26	335.64	337.03	338.41	339.79
2 3/4	346.58	348.08	349.56	351.05	352.54	354.03	355.51	357.00	358.49	359.98	361.46	362.95	364.44	365.93
3	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
3 1/8	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
3 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
3 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	470.48

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	61 3/4	62	62 1/4	62 1/2	62 3/4	63	63 1/4	63 1/2	63 3/4	64	64 1/4	64 1/2	64 3/4	65
1/8	26.24	26.35	26.46	26.56	26.67	26.78	26.88	26.99	27.09	27.20	27.31	27.41	27.52	27.63
5/16	32.80	32.94	33.07	33.20	33.34	33.47	33.60	33.73	33.87	34.00	34.13	34.27	34.40	34.53
3/8	39.37	39.53	39.68	40.00	40.16	40.32	40.48	40.64	40.81	40.96	41.12	41.28	41.44	41.60
7/16	45.93	46.11	46.30	46.57	46.86	47.04	47.23	47.41	47.61	47.80	47.99	48.18	48.34	48.51
1/2	52.49	52.70	52.91	53.13	53.34	53.55	53.76	53.98	54.19	54.40	54.61	54.83	55.04	55.25
5/16	65.61	65.88	66.14	66.41	66.67	66.94	67.20	67.47	67.73	68.00	68.27	68.53	68.80	69.06
3/8	78.73	79.05	79.37	79.69	80.01	80.33	80.64	80.96	81.28	81.60	81.92	82.24	82.56	82.88
7/16	91.85	92.23	92.60	93.01	93.34	93.71	94.08	94.46	94.83	95.20	95.57	95.94	96.32	96.69
1/2	104.98	105.40	105.83	106.25	106.68	107.10	107.53	107.95	108.38	108.80	109.23	109.65	110.08	110.50
5/16	118.10	118.58	119.05	119.53	120.01	120.49	120.97	121.44	121.92	122.40	122.88	123.36	123.83	124.31
3/8	131.22	131.75	132.28	132.81	133.34	133.88	134.41	134.94	135.47	136.00	136.53	137.06	137.59	138.13
7/16	144.34	144.93	145.51	146.09	146.68	147.26	147.85	148.43	149.02	149.60	150.18	150.77	151.35	151.94
1/2	157.46	158.10	158.74	159.38	160.01	160.65	161.29	161.93	162.56	163.20	163.84	164.48	165.11	165.75
5/16	170.58	171.28	171.97	172.66	173.35	174.04	174.73	175.42	176.11	176.80	177.49	178.18	178.87	179.56
3/8	183.71	184.45	185.19	185.94	186.68	187.43	188.17	188.91	189.66	190.40	191.14	191.89	192.63	193.38
7/16	196.83	197.63	198.42	199.22	200.02	200.81	201.61	202.41	203.20	204.00	204.80	205.59	206.39	207.19
1/2	209.95	210.80	211.65	212.50	213.35	214.20	215.05	215.90	216.75	217.60	218.45	219.30	220.15	221.00
1	236.19	237.15	238.11	239.06	240.02	240.98	241.93	242.89	243.84	244.80	245.76	246.71	247.67	248.63
1 1/4	262.44	263.50	264.56	265.63	266.69	267.75	268.81	269.88	270.94	272.00	273.06	274.13	275.19	276.25
1 1/2	288.68	289.85	291.02	292.19	293.36	294.53	295.69	296.86	298.03	299.20	300.37	301.54	302.71	303.88
1 3/4	314.93	316.20	317.48	318.75	320.03	321.30	322.58	323.85	325.13	326.40	327.68	328.95	330.23	331.50
2	341.17	342.55	343.93	345.31	346.69	348.08	349.46	350.84	352.22	353.60	354.98	356.36	357.74	359.13
2 1/4	368.90	370.39	371.88	373.36	374.85	376.34	377.83	379.31	380.80	382.29	383.78	385.26	386.75	388.23
2 1/2	393.66	395.25	396.84	398.44	400.03	401.63	403.22	404.81	406.41	408.00	409.59	411.19	412.78	414.38
2 3/4	419.90	421.60	423.30	425.00	426.70	428.40	430.10	431.80	433.50	435.20	436.90	438.60	440.30	442.00
3	446.14	447.95	449.76	451.56	453.37	455.18	456.98	458.79	460.59	462.40	464.21	466.01	467.82	469.63
3 1/4	472.39	474.30	476.21	478.13	480.04	481.95	483.86	485.78	487.69	489.60	491.51	493.43	495.34	497.25

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	65 1/4	65 1/2	65 3/4	66	66 1/4	66 1/2	66 3/4	67	67 1/4	67 1/2	67 3/4	68	68 1/4	68 1/2
1/8	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
3/16	34.66	34.80	34.93	35.06	35.20	35.33	35.46	35.59	35.73	35.86	35.99	36.13	36.26	36.39
1/4	41.60	41.76	41.92	42.08	42.23	42.39	42.55	42.71	42.87	43.03	43.19	43.35	43.51	43.67
5/16	48.53	48.72	48.90	49.09	49.27	49.46	49.65	49.83	50.02	50.20	50.39	50.58	50.76	50.95
3/8	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
7/16	69.33	69.59	69.86	70.13	70.39	70.66	70.92	71.19	71.45	71.72	71.98	72.25	72.52	72.78
1/2	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
5/8	97.06	97.43	97.80	98.18	98.55	98.92	99.29	99.66	100.03	100.41	100.78	101.15	101.52	101.89
3/4	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
7/8	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 1/8	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 1/4	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 1/2	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 3/8	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 1/2	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 5/8	207.98	208.78	209.58	210.38	211.17	211.97	212.77	213.56	214.36	215.16	215.95	216.75	217.55	218.34
2	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
2 1/8	249.58	250.54	251.49	252.45	253.41	254.36	255.32	256.28	257.23	258.19	259.14	260.10	261.06	262.01
2 1/4	277.31	278.38	279.44	280.50	281.56	282.63	283.69	284.75	285.81	286.88	287.94	289.00	290.06	291.13
2 3/8	305.04	306.21	307.38	308.55	309.72	310.89	312.06	313.23	314.39	315.56	316.73	317.90	319.07	320.24
2 1/2	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
2 5/8	360.51	361.89	363.27	364.65	366.03	367.41	368.79	370.18	371.56	372.94	374.32	375.70	377.08	378.46
3	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
3 1/8	415.97	417.56	419.16	420.75	422.34	423.93	425.53	427.13	428.72	430.31	431.91	433.50	435.09	436.69
3 1/4	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
3 1/2	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
3 3/4	499.16	501.08	502.99	504.90	506.81	508.73	510.64	512.55	514.46	516.38	518.29	520.20	522.11	524.03

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	68 3/4	69	69 1/4	69 1/2	69 3/4	70	70 1/4	70 1/2	70 3/4	71	71 1/4	71 1/2	71 3/4	72
1/8	29.22	29.33	29.43	29.54	29.64	29.75	29.86	29.96	30.07	30.18	30.28	30.39	30.49	30.60
5/16	36.52	36.66	36.79	36.92	37.05	37.19	37.32	37.45	37.59	37.72	37.85	37.98	38.12	38.25
3/8	43.83	43.99	44.15	44.31	44.47	44.63	44.78	44.94	45.10	45.26	45.42	45.58	45.74	45.90
7/16	51.13	51.32	51.50	51.69	51.88	52.06	52.25	52.43	52.62	52.81	52.99	53.18	53.36	53.55
1/2	58.44	58.65	58.86	59.08	59.29	59.50	59.71	59.93	60.14	60.35	60.56	60.78	60.99	61.20
5/16	73.05	73.31	73.58	73.84	74.11	74.38	74.64	74.91	75.17	75.44	75.70	75.97	76.23	76.50
3/8	87.66	87.98	88.29	88.61	88.93	89.25	89.57	89.89	90.21	90.53	90.84	91.16	91.48	91.80
7/16	102.27	102.64	103.01	103.38	103.75	104.13	104.50	104.87	105.24	105.61	105.98	106.36	106.73	107.10
1/2	116.88	117.30	117.73	118.15	118.58	119.00	119.43	119.85	120.28	120.70	121.13	121.55	121.98	122.40
9/16	131.48	131.96	132.44	132.92	133.40	133.88	134.35	134.83	135.31	135.79	136.27	136.74	137.22	137.70
5/8	146.09	146.63	147.16	147.69	148.22	148.75	149.28	149.81	150.34	150.88	151.41	151.94	152.47	153.00
11/16	160.70	161.29	161.87	162.46	163.04	163.63	164.21	164.79	165.38	165.96	166.55	167.13	167.72	168.30
3/4	175.31	175.95	176.59	177.23	177.86	178.50	179.14	179.78	180.41	181.05	181.69	182.33	182.96	183.60
13/16	189.92	190.61	191.30	191.99	192.68	193.38	194.07	194.76	195.45	196.14	196.83	197.52	198.21	198.90
7/8	204.53	205.28	206.02	206.76	207.51	208.25	208.99	209.74	210.48	211.23	211.97	212.71	213.46	214.20
15/16	219.14	219.94	220.73	221.53	222.33	223.13	223.92	224.72	225.52	226.31	227.11	227.91	228.70	229.50
1	233.75	234.60	235.45	236.30	237.15	238.00	238.85	239.70	240.55	241.40	242.25	243.10	243.95	244.80
1 1/16	262.97	263.93	264.88	265.84	266.79	267.75	268.71	269.66	270.62	271.58	272.53	273.49	274.44	275.40
1 1/4	292.19	293.25	294.31	295.38	296.44	297.50	298.56	299.63	300.69	301.75	302.81	303.88	304.94	306.00
1 3/8	321.41	322.58	323.74	324.91	326.08	327.25	328.42	329.59	330.76	331.93	333.09	334.26	335.43	336.60
1 1/2	350.63	351.90	353.18	354.45	355.73	357.00	358.28	359.55	360.83	362.10	363.38	364.65	365.93	367.20
1 5/8	379.84	381.23	382.61	383.99	385.37	386.75	388.13	389.51	390.89	392.28	393.66	395.04	396.42	397.80
1 3/4	409.06	410.55	412.04	413.53	415.01	416.50	417.99	419.48	420.96	422.44	423.94	425.43	426.91	428.40
1 7/8	438.28	439.88	441.47	443.06	444.56	446.25	447.84	449.44	451.03	452.63	454.22	455.81	457.41	459.00
2	467.50	469.20	470.90	472.60	474.30	476.00	477.70	479.40	481.10	482.80	484.50	486.20	487.90	489.60
2 1/8	496.72	498.53	500.33	502.14	503.94	505.75	507.56	509.36	511.17	512.98	514.78	516.59	518.39	520.20
2 1/4	525.94	527.85	529.76	531.68	533.59	535.50	537.41	539.33	541.24	543.15	545.06	546.98	548.89	550.80

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	72 1/4	72 1/2	72 3/4	73	73 1/4	73 1/2	73 3/4	74	74 1/4	74 1/2	74 3/4	75	75 1/4	75 1/2
1/8	30.71	30.81	30.92	31.03	31.13	31.24	31.34	31.45	31.56	31.66	31.77	31.88	31.98	32.09
3/16	38.38	38.52	38.65	38.78	38.91	39.05	39.18	39.31	39.45	39.58	39.71	39.84	39.98	40.11
1/4	46.06	46.22	46.38	46.54	46.70	46.86	47.02	47.18	47.33	47.49	47.65	47.81	47.97	48.13
5/16	53.74	53.92	54.11	54.29	54.48	54.67	54.85	55.04	55.22	55.41	55.60	55.78	55.97	56.15
3/8	61.41	61.63	61.84	62.05	62.26	62.48	62.69	62.90	63.11	63.33	63.54	63.75	63.96	64.18
7/16	76.77	77.03	77.30	77.56	77.83	78.09	78.36	78.63	78.91	79.16	79.42	79.69	79.95	80.22
1/2	92.12	92.44	92.76	93.08	93.39	93.71	94.03	94.35	94.67	94.99	95.31	95.63	95.94	96.26
5/8	107.47	107.84	108.22	108.59	108.96	109.33	109.70	110.08	110.45	110.82	111.19	111.56	111.93	112.31
3/4	122.83	123.25	123.68	124.10	124.53	124.95	125.38	125.80	126.23	126.65	127.08	127.50	127.93	128.35
7/8	138.18	138.66	139.13	139.61	140.09	140.57	141.05	141.53	142.00	142.48	142.96	143.44	143.92	144.39
1 1/8	153.53	154.06	154.59	155.13	155.66	156.19	156.72	157.25	157.78	158.31	158.84	159.38	159.91	160.44
1 1/4	168.88	169.47	170.05	170.64	171.22	171.81	172.39	172.98	173.56	174.14	174.73	175.31	175.90	176.48
1 3/8	184.24	184.88	185.51	186.15	186.79	187.43	188.06	188.70	189.34	189.98	190.61	191.25	191.89	192.53
1 1/2	199.59	200.28	200.97	201.66	202.35	203.04	203.73	204.43	205.12	205.81	206.50	207.19	207.88	208.57
1 5/8	214.94	215.69	216.43	217.18	217.92	218.66	219.41	220.15	220.89	221.64	222.38	223.13	223.87	224.61
1 3/4	230.30	231.09	231.89	232.69	233.48	234.28	235.08	235.88	236.67	237.47	238.27	239.06	239.86	240.66
1 7/8	245.65	246.50	247.35	248.20	249.05	249.90	250.75	251.60	252.45	253.30	254.15	255.00	255.85	256.70
2	276.36	277.31	278.27	279.23	280.18	281.14	282.09	283.05	284.01	284.96	285.92	286.88	287.83	288.79
2 1/8	307.06	308.13	309.19	310.25	311.31	312.38	313.44	314.50	315.56	316.63	317.69	318.75	319.81	320.88
2 1/4	337.77	338.94	340.11	341.28	342.44	343.61	344.78	345.95	347.12	348.29	349.46	350.63	351.79	352.96
2 3/8	368.48	369.75	371.03	372.30	373.58	374.85	376.13	377.40	378.68	379.95	381.23	382.50	383.78	385.05
2 1/2	399.18	400.56	401.94	403.33	404.71	406.09	407.47	408.85	410.23	411.61	412.99	414.38	415.76	417.14
2 5/8	429.89	431.38	432.86	434.35	435.84	437.33	438.81	440.30	441.79	443.28	444.76	446.25	447.74	449.23
2 3/4	460.59	462.19	463.78	465.38	466.97	468.56	470.16	471.75	473.34	474.94	476.53	478.13	479.72	481.31
2 7/8	491.30	493.00	494.70	496.40	498.10	499.80	501.50	503.20	504.90	506.60	508.30	510.00	511.70	513.40
3	522.01	523.81	525.62	527.43	529.23	531.04	532.84	534.65	536.46	538.26	540.07	541.88	543.68	545.49
3 1/8	552.71	554.63	556.54	558.45	560.36	562.28	564.19	566.10	568.01	569.93	571.84	573.75	575.66	577.58

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	75 3/4	76	76 1/4	76 1/2	76 3/4	77	77 1/4	77 1/2	77 3/4	78	78 1/4	78 1/2	78 3/4	79
1/8	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
5/16	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
3/8	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
1/2	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
5/8	64.39	64.60	64.81	65.03	65.24	65.45	65.68	65.88	66.09	66.30	66.51	66.73	66.94	67.15
3/4	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
7/8	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
1	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
1 1/8	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
1 1/4	144.87	145.35	145.83	146.31	146.78	147.26	147.74	148.22	148.70	149.18	149.65	150.13	150.61	151.09
1 1/2	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
1 3/4	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
2	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
2 1/8	209.26	209.95	210.64	212.02	212.71	213.40	214.09	214.78	215.48	216.17	216.86	217.55	218.24	218.94
2 1/4	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
2 3/8	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
2 1/2	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
2 3/4	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
3	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
3 1/8	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
3 1/4	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
3 3/8	418.52	409.90	421.28	422.66	424.04	425.43	426.81	428.19	429.57	430.95	432.31	433.71	435.09	436.48
3 1/2	450.71	452.20	453.69	455.18	456.66	458.15	459.64	461.13	462.61	464.10	465.59	467.08	468.56	470.05
3 3/4	482.91	484.50	486.09	487.69	489.28	490.88	492.47	494.06	495.66	497.25	498.84	500.44	502.03	503.63
4	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
4 1/8	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
4 1/4	579.49	581.40	583.31	585.23	587.14	589.05	590.96	592.88	594.79	596.70	598.61	600.53	602.44	604.35

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	79 1/4	79 1/2	79 3/4	80	80 1/4	80 1/2	80 3/4	81	81 1/4	81 1/2	81 3/4	82	82 1/4	82 1/2
1/8	33.68	33.79	33.89	34.00	34.11	34.21	34.32	34.43	.....	.....	.....	.....	.....	.....
5/16	42.10	42.23	42.37	42.50	42.63	42.77	42.90	43.03	.....	.....	.....	.....	.....	.....
3/8	50.52	50.68	50.84	51.00	51.16	51.32	51.48	51.64	.....	.....	.....	.....	.....	.....
7/16	58.94	59.13	59.31	59.50	59.69	59.87	60.06	60.24	60.43	60.62	60.80	60.99	61.17	61.36
1/2	67.36	67.58	67.79	68.00	68.21	68.43	68.64	68.85	69.06	69.28	69.49	69.70	69.91	70.13
5/16	84.20	84.47	84.73	85.00	85.27	85.53	85.80	86.06	86.33	86.59	86.86	87.13	87.39	87.66
3/8	101.04	101.36	101.68	102.00	102.32	102.64	102.96	103.28	103.59	103.91	104.23	104.55	104.87	105.19
7/16	117.88	118.26	118.63	119.00	119.37	119.74	120.12	120.49	120.86	121.23	121.60	121.98	122.35	122.72
1/2	134.73	135.15	135.58	136.00	136.43	136.85	137.28	137.70	138.13	138.55	138.98	139.40	139.83	140.25
9/16	151.57	152.04	152.52	153.00	153.48	153.96	154.43	154.91	155.39	155.87	156.35	156.83	157.30	157.78
5/8	168.41	168.94	169.47	170.00	170.53	171.06	171.59	172.13	172.66	173.19	173.72	174.25	174.78	175.31
11/16	185.25	185.83	186.42	187.00	187.58	188.17	188.75	189.34	189.92	190.51	191.09	191.68	192.26	192.84
3/4	202.09	202.73	203.36	204.00	204.64	205.28	205.91	206.55	207.19	207.83	208.46	209.10	209.74	210.38
13/16	218.93	219.62	220.31	221.00	221.69	222.38	223.07	223.76	224.45	225.14	225.83	226.53	227.22	227.91
7/8	235.77	236.51	237.26	238.00	238.74	239.49	240.23	240.98	241.72	242.46	243.21	243.95	244.69	245.44
15/16	252.61	253.41	254.20	255.00	255.80	256.59	257.39	258.18	258.98	259.78	260.58	261.38	262.17	262.97
1	269.45	270.30	271.15	272.00	272.85	273.70	274.55	275.40	276.25	277.10	277.95	278.80	279.65	280.50
1 1/16	303.13	304.09	305.04	306.00	306.96	307.91	308.87	309.83	310.78	311.74	312.69	313.65	314.61	315.56
1 1/8	336.81	337.88	338.94	340.00	341.06	342.13	343.19	344.25	345.31	346.38	347.44	348.50	349.56	350.63
1 1/4	370.49	371.66	372.83	374.00	375.17	376.34	377.51	378.68	379.84	381.01	382.18	383.35	384.52	385.69
1 1/2	404.18	405.45	406.73	408.00	409.28	410.55	411.83	413.10	414.38	415.65	416.93	418.20	419.48	420.75
1 5/8	437.86	439.24	440.62	442.00	443.38	444.76	446.14	447.53	448.91	450.29	451.67	453.05	454.43	455.81
1 3/4	471.54	473.03	474.51	476.00	477.49	478.98	480.46	481.95	483.44	484.93	486.41	487.90	489.39	490.88
1 7/8	505.22	506.81	508.41	510.00	511.59	513.19	514.78	516.38	517.97	519.56	521.16	522.75	524.34	525.94
2	538.90	540.60	542.30	544.00	545.70	547.40	549.10	550.80	552.50	554.20	555.90	557.60	559.30	561.00
2 1/8	572.58	574.39	576.19	578.00	579.81	581.61	583.42	585.23	587.03	588.84	590.64	592.45	594.26	596.06
2 1/4	606.26	608.18	610.09	612.00	613.91	615.83	617.74	619.65	621.56	623.48	625.39	627.30	629.21	631.13

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	82 3/4	83	83 1/4	83 1/2	83 3/4	84	84 1/4	84 1/2	84 3/4	85	85 1/4	85 1/2	
1/4	61.55	61.73	61.92	62.10	62.29	62.48	62.66	62.85	63.03	63.22	63.40	63.59	
1/4	70.34	70.55	70.76	70.98	71.19	71.40	71.61	71.83	72.04	72.25	72.46	72.68	
5/16	87.92	88.19	88.45	88.72	88.98	89.25	89.52	89.78	90.05	90.31	90.58	90.84	
3/8	105.51	105.83	106.14	106.46	106.78	107.10	107.42	107.74	108.06	108.38	108.69	109.01	
1/2	123.09	123.46	123.83	124.21	124.58	124.95	125.32	125.69	126.07	126.44	126.81	127.18	
3/4	140.68	141.10	141.53	141.95	142.38	142.80	143.23	143.65	144.08	144.50	144.93	145.35	
9/16	158.26	158.74	159.22	159.69	160.17	160.65	161.13	161.61	162.08	162.56	163.04	163.52	
5/8	175.84	176.38	176.91	177.44	177.97	178.50	179.03	179.56	180.09	180.63	181.16	181.69	
11/16	193.43	194.01	194.60	195.18	195.77	196.35	196.93	197.52	198.10	198.69	199.27	199.86	
3/4	211.01	211.65	212.29	212.93	213.56	214.20	214.84	215.48	216.11	216.75	217.39	218.03	
13/16	228.60	229.29	229.98	230.67	231.36	232.05	232.74	233.43	234.12	234.81	235.50	236.19	
7/8	246.18	246.93	247.67	248.41	249.16	249.90	250.64	251.39	252.13	252.88	253.62	254.36	
15/16	263.77	264.56	265.36	266.16	266.95	267.75	268.55	269.34	270.14	270.94	271.73	272.53	
1	281.35	282.20	283.05	283.90	284.75	285.60	286.45	287.30	288.15	289.00	289.85	290.70	
1 1/16	316.52	317.48	318.43	319.39	320.34	321.30	322.26	323.21	324.17	325.13	326.08	327.04	
1 1/4	351.69	352.75	353.81	354.88	355.94	357.00	358.06	359.13	360.19	361.25	362.31	363.38	
1 1/2	386.86	388.03	389.19	390.36	391.53	392.70	393.87	395.04	396.21	397.38	398.54	399.71	
1 3/4	422.03	423.30	424.58	425.85	427.13	428.40	429.68	430.95	432.23	433.50	434.78	436.05	
1 5/8	457.19	458.58	459.96	461.34	462.72	464.10	465.48	466.86	468.24	469.63	471.01	472.39	
1 3/4	492.36	493.85	495.34	496.83	498.31	499.80	501.29	502.78	504.26	505.75	507.24	508.73	
1 7/8	527.53	529.13	530.72	532.31	533.91	535.50	537.09	538.69	540.28	541.88	543.47	545.06	
2	562.70	564.40	566.10	567.80	569.50	571.20	572.90	574.60	576.30	578.00	579.70	581.40	
2 1/4	597.87	599.68	601.48	603.29	605.09	606.90	608.71	610.51	612.32	614.13	615.93	617.74	
2 1/2	633.04	634.95	636.86	638.78	640.69	642.60	644.51	646.43	648.34	650.25	652.16	654.08	

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES											
	85 3/4	86	86 1/4	86 1/2	86 3/4	87	87 1/4	87 1/2	87 3/4	88	88 1/4	88 1/2
7/16	63.78	63.96	64.15	64.33	64.52	64.71	64.89	65.08	65.26	65.45	65.64	65.82
1/4	72.89	73.10	73.31	73.53	73.74	73.95	74.16	74.38	74.59	74.80	75.01	75.23
5/16	91.11	91.38	91.64	91.91	92.17	92.44	92.70	92.97	93.23	93.50	93.77	94.04
3/8	109.33	109.65	109.97	110.29	110.61	110.93	111.24	111.56	111.88	112.20	112.52	112.83
7/16	127.55	127.93	128.30	128.67	129.04	129.41	129.78	130.16	130.53	130.90	131.27	131.64
1/2	145.78	146.20	146.63	147.05	147.48	147.90	148.33	148.75	149.18	149.60	150.03	150.45
5/8	164.00	164.48	164.95	165.43	165.91	166.39	166.87	167.34	167.82	168.30	168.78	169.26
3/4	182.22	182.75	183.28	183.81	184.34	184.88	185.41	185.94	186.47	187.00	187.53	188.06
7/8	200.44	201.03	201.61	202.19	202.78	203.36	203.95	204.53	205.12	205.70	206.28	206.87
1	218.66	219.30	219.94	220.58	221.21	221.85	222.49	223.13	223.76	224.40	225.04	225.68
1 1/16	236.88	237.58	238.27	238.96	239.65	240.34	241.03	241.72	242.41	243.10	243.79	244.48
1 1/8	255.11	255.85	256.59	257.34	258.08	258.83	259.57	260.31	261.06	261.80	262.54	263.29
1 1/4	273.33	274.13	274.92	275.72	276.52	277.31	278.11	278.91	279.70	280.50	281.30	282.09
1 1/2	291.55	292.40	293.25	294.10	294.95	295.80	296.65	297.50	298.35	299.20	300.05	300.90
1 3/4	327.99	328.95	329.91	330.86	331.82	332.78	333.73	334.69	335.64	336.60	337.56	338.51
1 7/8	364.44	365.50	366.56	367.63	368.69	369.75	370.81	371.88	372.94	374.00	375.06	376.13
2	400.88	402.05	403.22	404.39	405.56	406.73	407.89	409.06	410.23	411.40	412.57	413.74
2 1/4	437.33	438.60	439.88	441.15	442.43	443.70	444.98	446.25	447.53	448.80	450.08	451.35
2 1/2	473.77	475.15	476.53	477.91	479.29	480.67	482.06	483.44	484.82	486.20	487.58	488.96
2 3/4	510.21	511.70	513.19	514.68	516.16	517.65	519.14	520.63	522.11	523.60	525.09	526.58
3	546.66	548.25	549.84	551.44	553.03	554.63	556.22	557.81	559.41	561.00	562.59	564.19
3 1/4	583.10	584.80	586.50	588.20	589.90	591.60	593.30	595.00	596.70	598.40	600.10	601.80
3 1/2	619.54	621.35	623.16	624.96	626.77	628.58	630.38	632.19	633.99	635.80	637.61	639.41
3 3/4	655.99	657.90	659.81	661.73	663.64	665.55	667.46	669.38	671.29	673.20	675.11	677.01

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	88 3/4	89	89 1/4	89 1/2	89 3/4	90	90 1/4	90 1/2	90 3/4	91	91 1/4	91 1/2	91 3/4
1/8	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
1/4	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
5/16	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
3/8	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
7/16	132.02	132.39	132.76	133.13	133.50	133.88	134.25	134.62	134.99	135.36	135.73	136.11	136.48
1/2	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
9/16	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
5/8	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
11/16	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
3/4	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
13/16	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
7/8	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
15/16	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
1	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
1 1/8	339.47	340.43	341.38	342.34	343.29	344.25	345.21	346.16	347.12	348.08	349.03	349.99	350.94
1 1/4	378.25	379.31	380.38	381.44	382.50	383.56	384.63	385.69	386.75	387.81	388.88	389.94	390.99
1 1/2	417.03	418.18	419.33	420.48	421.63	422.78	423.93	425.08	426.23	427.38	428.53	429.68	430.83
1 3/4	455.81	457.01	458.21	459.41	460.61	461.81	463.01	464.21	465.41	466.61	467.81	469.01	470.21
2	494.59	495.87	497.15	498.43	499.71	500.99	502.27	503.55	504.83	506.11	507.39	508.67	509.95
1 5/8	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
1 3/4	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
1 7/8	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
2	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
2 1/8	641.22	643.03	644.83	646.64	648.44	650.25	652.06	653.86	655.67	657.48	659.28	661.09	662.89
2 1/4	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

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	92	92 1/4	92 1/2	92 3/4	93	93 1/4	93 1/2	93 3/4	94	94 1/4	94 1/2	94 3/4	95
7/8	68.43	68.61	68.80	68.98	69.17	69.35	69.54	69.73	69.91	70.10	70.28	70.47	70.66
1/4	78.20	78.41	78.63	78.84	79.05	79.26	79.48	79.69	79.90	80.11	80.33	80.54	80.75
5/16	97.75	98.02	98.28	98.55	98.81	99.08	99.34	99.61	99.88	100.14	100.41	100.67	100.94
3/8	117.30	117.62	117.94	118.26	118.58	118.89	119.21	119.53	119.85	120.17	120.49	120.81	121.13
7/16	136.85	137.22	137.59	137.97	138.34	138.71	139.08	139.45	139.83	140.20	140.57	140.94	141.31
1/2	156.40	156.83	157.25	157.68	158.10	158.53	158.95	159.38	159.80	160.23	160.65	161.08	161.50
9/16	175.95	176.43	176.91	177.38	177.86	178.34	178.82	179.30	179.78	180.25	180.73	181.21	181.69
5/8	195.50	196.03	196.56	197.09	197.63	198.16	198.69	199.22	199.75	200.28	200.81	201.34	201.88
11/16	215.05	215.63	216.22	216.80	217.39	217.97	218.56	219.14	219.73	220.31	220.89	221.48	222.06
3/4	234.60	235.24	235.88	236.51	237.15	237.79	238.43	239.06	239.70	240.34	240.98	241.61	242.25
13/16	254.15	254.84	255.53	256.22	256.91	257.60	258.29	258.98	259.68	260.37	261.06	261.75	262.44
7/8	273.70	274.44	275.19	275.93	276.68	277.42	278.16	278.91	279.65	280.39	281.14	281.88	282.63
15/16	293.25	294.05	294.84	295.64	296.44	297.23	298.03	298.83	299.63	300.42	301.22	302.02	302.81
1	312.80	313.65	314.50	315.35	316.20	317.05	317.90	318.75	319.60	320.45	321.30	322.15	323.00
1 1/8	351.90	352.86	353.81	354.77	355.73	356.68	357.64	358.59	359.55	360.51	361.46	362.42	363.38
1 1/4	391.00	392.06	393.13	394.19	395.25	396.31	397.38	398.44	399.50	400.56	401.63	402.69	403.75
1 3/8	430.10	431.27	432.44	433.61	434.78	435.94	437.11	438.28	439.45	440.62	441.79	442.96	444.13
1 1/2	469.20	470.48	471.75	473.03	474.30	475.58	476.85	478.13	479.40	480.68	481.95	483.23	484.50
1 5/8	508.30	509.68	511.06	512.44	513.83	515.21	516.59	517.97	519.35	520.73	522.11	523.49	524.88
1 3/4	547.40	548.89	550.38	551.86	553.35	554.84	556.33	557.81	559.30	560.79	562.28	563.76	565.25
1 7/8	586.50	588.09	589.69	591.28	592.88	594.47	596.06	597.66	599.25	600.84	602.44	604.03	605.63
2	625.60	627.30	629.00	630.70	632.40	634.10	635.80	637.50	639.20	640.90	642.60	644.30	646.00
2 1/4	664.70	666.51	668.31	670.12	671.93	673.73	675.54	677.34	679.15	680.96	682.76	684.57	686.38
2 1/2	703.80	705.71	707.63	709.54	711.45	713.36	715.28	717.19	719.10	721.01	722.93	724.84	726.75

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	95 1/4	95 1/2	95 3/4	96	96 1/4	96 1/2	96 3/4	97	97 1/4	97 1/2	97 3/4	98	98 1/4
1/2	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
3/4	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
5/8	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
7/8	121.44	121.76	122.08	122.40	122.72	123.04	123.36	123.68	123.99	124.31	124.63	124.95	125.27
1 1/16	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 1/8	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 1/4	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 1/2	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 3/8	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 1/2	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 3/8	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 1/2	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 3/8	303.61	304.41	305.20	306.00	306.80	307.59	308.39	309.19	309.98	310.78	311.58	312.38	313.17
1 1/2	323.85	324.70	325.55	326.40	327.25	328.10	328.95	329.80	329.65	331.50	332.35	333.20	334.05
1 3/8	364.33	365.29	366.24	367.20	368.16	369.11	370.07	371.03	371.98	372.94	373.89	374.85	375.81
1 1/2	404.81	405.88	406.94	408.00	409.06	410.13	411.19	412.25	413.31	414.38	415.44	416.50	417.56
1 3/8	445.29	446.46	447.63	448.80	449.97	451.14	452.31	453.48	454.64	455.81	456.98	458.15	459.32
1 1/2	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
1 3/8	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
1 1/2	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
1 3/8	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
2	647.70	649.40	651.10	652.80	654.50	656.20	657.90	659.60	661.30	663.00	664.70	666.40	668.10
2 1/8	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
2 1/4	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

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	98 1/2	98 3/4	99	99 1/4	99 1/2	99 3/4	100	100 1/4	100 1/2	100 3/4	101	101 1/4	101 1/2
1/2	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
1/4	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
5/16	104.66	104.92	105.19	105.45	105.72	105.98	106.25	106.52	106.78	107.05	107.31	107.58	107.84
3/8	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
1/2	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
3/4	167.45	167.88	168.30	168.73	169.15	169.58	170.00	170.43	170.85	171.28	171.70	172.13	172.55
5/8	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
1 1/16	209.31	209.84	210.38	210.91	211.44	211.97	212.50	213.03	213.56	214.09	214.63	215.16	215.69
1 1/8	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
1 1/4	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
1 3/8	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
1 1/2	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
1 5/8	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
2	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
2 1/8	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
2 1/4	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
2 3/8	460.49	461.66	462.83	463.99	465.16	466.33	467.50	468.67	469.84	471.01	472.18	473.34	474.51
2 1/2	502.35	503.63	504.90	506.18	507.45	508.73	510.00	511.28	512.55	513.83	515.10	516.38	517.65
2 5/8	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
3	586.08	587.56	589.05	590.54	592.03	593.51	595.00	596.49	597.98	599.46	600.95	602.44	603.93
3 1/8	627.94	629.53	631.13	632.72	634.31	635.90	637.50	639.09	640.69	642.28	643.88	645.47	647.06
3 1/4	669.80	671.50	673.20	674.90	676.60	678.30	680.00	681.70	683.40	685.10	686.80	688.50	690.20
3 3/8	711.66	713.47	715.28	717.08	718.89	720.69	722.50	724.31	726.11	727.92	729.73	731.53	733.34
3 1/2	753.53	755.44	757.35	759.26	761.18	763.09	765.00	766.91	768.83	770.74	772.65	774.56	776.48

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES												
	101 3/4	102	102 1/4	102 1/2	102 3/4	103	103 1/4	103 1/2	103 3/4	104	104 1/4	104 1/2	104 3/4
7/16	75.68	75.86	76.05	76.23	76.42	76.61	76.79	76.98	77.16	77.35	77.54	77.72	77.91
1/4	86.49	86.70	86.91	87.13	87.34	87.55	87.76	87.98	88.19	88.40	88.61	88.83	89.04
5/16	108.11	108.38	108.64	108.91	109.17	109.44	109.70	109.97	110.23	110.50	110.77	111.03	111.30
3/8	130.73	130.05	130.37	130.69	131.01	131.33	131.64	131.96	132.28	132.60	132.92	133.24	133.56
7/16	151.35	151.73	152.10	152.47	152.84	153.21	153.58	153.96	154.33	154.70	155.07	155.44	155.82
1/2	172.98	173.40	173.83	174.25	174.68	175.10	175.53	175.95	176.38	176.80	177.23	177.65	178.08
9/16	194.60	195.08	195.55	196.03	196.51	196.99	197.47	197.94	198.42	198.90	199.38	199.86	200.33
5/8	216.22	216.75	217.28	217.81	218.34	218.88	219.41	219.94	220.47	221.00	221.53	222.06	222.59
11/16	237.84	238.43	239.01	239.59	240.18	240.76	241.35	241.93	242.52	243.10	243.68	244.27	244.85
3/4	259.46	260.10	260.74	261.38	262.01	262.65	263.29	263.93	264.56	265.20	265.84	266.48	267.11
13/16	281.08	281.78	282.47	283.16	283.85	284.54	285.23	285.92	286.61	287.30	287.99	288.68	289.37
7/8	302.71	303.45	304.19	304.94	305.68	306.43	307.17	307.91	308.66	309.40	310.14	310.89	311.63
15/16	324.33	325.13	325.92	326.72	327.52	328.31	329.11	329.91	330.70	331.50	332.30	333.09	333.89
1	345.95	346.80	347.65	348.50	349.35	350.20	351.05	351.90	352.75	353.60	354.45	355.30	356.15
1 1/8	389.19	390.15	391.11	392.06	393.02	393.98	394.93	395.89	396.84	397.80	398.76	399.71	400.67
1 1/4	432.44	433.50	434.56	435.63	436.69	437.75	438.81	439.88	440.94	442.00	443.06	444.13	445.19
1 3/8	475.68	476.85	478.02	479.19	480.36	481.53	482.69	483.86	485.03	486.20	487.37	488.54	489.71
1 1/2	518.93	520.20	521.48	522.75	524.03	525.30	526.58	527.85	529.13	530.40	531.68	532.95	534.22
1 5/8	562.17	563.55	564.93	566.31	567.69	569.08	570.46	571.84	573.22	574.60	575.98	577.36	578.74
1 3/4	605.41	606.90	608.39	609.88	611.36	612.85	614.34	615.83	617.31	618.80	620.29	621.78	623.26
1 7/8	648.66	650.25	651.84	653.43	655.03	656.63	658.22	659.81	661.41	663.00	664.59	666.19	667.78
2	691.90	693.60	695.30	697.00	698.70	700.40	702.10	703.80	705.50	707.20	708.90	710.60	712.30
2 1/8	735.14	736.95	738.76	740.56	742.37	744.18	745.98	747.79	749.59	751.40	753.21	755.01	756.82
2 1/4	778.39	780.30	782.21	784.13	786.04	787.95	789.86	791.78	793.69	795.60	797.51	799.43	801.34

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	105	105 1/4	105 1/2	105 3/4	106	106 1/4	106 1/2	106 3/4	107	107 1/4	107 1/2	107 3/4	108	108 1/4
7/8	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
3/4	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
5/8	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
3/8	133.88	134.19	134.51	134.83	135.15	135.47	135.79	136.11	136.43	136.74	137.06	137.38	137.70	138.02
7/16	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
1/2	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
9/16	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
5/8	223.13	223.66	224.19	224.72	225.25	225.78	226.31	226.84	227.38	227.91	228.44	228.97	229.50	230.03
11/16	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
3/4	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
13/16	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
7/8	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
15/16	334.69	335.48	336.28	337.08	337.88	338.67	339.47	340.27	341.06	341.86	342.66	343.45	344.25	345.05
1	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
1 1/8	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
1 1/4	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
1 1/2	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
1 3/4	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
1 5/8	580.13	581.51	582.89	584.27	585.65	587.03	588.41	589.79	591.18	592.56	593.94	595.32	596.70	598.08
1 3/4	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
1 7/8	669.38	670.97	672.56	674.16	675.75	677.34	678.93	680.53	682.13	683.72	685.31	686.91	688.50	690.09
2	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
2 1/8	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
2 1/4	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

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	108 1/2	108 3/4	109	109 1/4	109 1/2	109 3/4	110	110 1/4	110 1/2	110 3/4	111	111 1/4	111 1/2	111 3/4
7/16	80.70	80.88	81.07	81.25	81.44	81.63	81.81	82.00	82.18	82.37	82.56	82.74	82.93	83.11
1/4	92.23	92.44	92.65	92.86	93.08	93.29	93.50	93.71	93.93	94.14	94.35	94.56	94.78	94.99
5/16	115.28	115.55	115.81	116.08	116.34	116.61	116.88	117.14	117.41	117.67	117.94	118.20	118.47	118.73
3/8	138.34	138.66	138.98	139.29	139.61	139.93	140.25	140.57	140.89	141.21	141.53	141.84	142.16	142.48
7/16	161.39	161.77	162.14	162.51	162.88	163.25	163.63	164.00	164.37	164.74	165.11	165.48	165.86	166.23
1/2	184.45	184.88	185.30	185.73	186.15	186.58	187.00	187.43	187.85	188.28	188.70	189.13	189.55	189.98
9/16	207.51	207.98	208.46	208.94	209.42	209.90	210.38	210.85	211.33	211.81	212.29	212.77	213.24	213.72
5/8	230.56	231.09	231.63	232.16	232.69	233.22	233.75	234.28	234.81	235.34	235.88	236.41	236.94	237.47
11/16	253.62	254.20	254.79	255.37	255.96	256.54	257.13	257.71	258.29	258.88	259.46	260.05	260.63	261.22
3/4	276.68	277.31	277.95	278.59	279.23	279.86	280.50	281.14	281.78	282.41	283.05	283.69	284.33	284.96
13/16	299.73	300.42	301.11	301.80	302.49	303.18	303.88	304.57	305.26	305.95	306.64	307.33	308.02	308.71
7/8	322.79	323.53	324.28	325.02	325.76	326.51	327.25	327.99	328.74	329.48	330.23	330.97	331.71	332.46
15/16	345.84	346.64	347.44	348.23	349.03	349.83	350.63	351.42	352.22	353.02	353.81	354.61	355.41	356.20
1	368.90	369.75	370.60	371.45	372.30	373.15	374.00	374.85	375.70	376.55	377.40	378.25	379.10	379.95
1 1/8	415.01	415.97	416.93	417.88	418.84	419.79	420.75	421.71	422.66	423.62	424.58	425.53	426.49	427.44
1 1/4	461.13	462.19	463.25	464.31	465.38	466.44	467.50	468.56	469.63	470.69	471.75	472.81	473.88	474.94
1 1/2	507.24	508.41	509.58	510.74	511.91	513.08	514.25	515.42	516.59	517.76	518.93	520.09	521.26	522.43
1 3/4	553.35	554.63	555.90	557.18	558.45	559.73	561.00	562.28	563.55	564.83	566.10	567.38	568.65	569.93
1 5/8	599.46	600.84	602.23	603.61	604.99	606.37	607.75	609.13	610.51	611.89	613.28	614.66	616.04	617.42
1 3/4	645.58	647.06	648.55	650.04	651.53	653.01	654.50	655.99	657.48	658.96	660.45	661.94	663.43	664.91
1 7/8	691.69	693.28	694.88	696.47	698.06	699.66	701.25	702.84	704.44	706.03	707.63	709.22	710.81	712.41
2	737.80	739.50	741.20	742.90	744.60	746.30	748.00	749.70	751.40	753.10	754.80	756.50	758.20	759.90
2 1/8	783.91	785.72	787.53	789.33	791.14	792.94	794.75	796.56	798.36	800.17	801.98	803.78	805.59	807.39
2 1/4	830.03	831.94	833.85	835.76	837.68	839.59	841.50	843.41	845.33	847.24	849.15	851.06	852.98	854.89

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	112	112 1/4	112 1/2	112 3/4	113	113 1/4	113 1/2	113 3/4	114	114 1/4	114 1/2	114 3/4	115	115 1/4
7/16	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
1/4	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
5/16	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
3/8	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
7/16	166.60	166.97	167.34	167.72	168.09	168.46	168.83	169.20	169.58	169.95	170.32	170.69	171.06	171.43
1/2	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
9/16	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
5/8	238.00	238.53	239.06	239.59	240.13	240.66	241.19	241.72	242.25	242.78	243.31	243.84	244.37	244.91
11/16	261.80	262.38	262.97	263.55	264.14	264.72	265.31	265.89	266.48	267.06	267.64	268.23	268.81	269.40
3/4	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
13/16	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
7/8	333.20	333.91	334.69	335.43	336.18	336.92	337.66	338.41	339.15	339.89	340.64	341.38	342.13	342.87
15/16	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
1	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
1 1/16	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
1 1/8	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
1 3/8	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
1 1/2	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
1 5/8	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
1 3/4	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
1 7/8	714.00	715.59	717.19	718.78	720.38	721.97	723.56	725.16	726.75	728.34	729.94	731.53	733.13	734.72
2	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
2 1/8	809.20	811.01	812.81	814.62	816.43	818.23	820.04	821.84	823.65	825.46	827.26	829.07	830.88	832.68
2 1/4	856.80	858.71	860.63	862.54	864.45	866.36	868.28	870.19	872.10	874.01	875.93	877.84	879.75	881.66

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	115 1/2	115 3/4	116	116 1/4	116 1/2	116 3/4	117	117 1/4	117 1/2	117 3/4	118	118 1/4	118 1/2	118 3/4
7/16	85.90	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
1/4	98.18	98.39	98.60	98.81	99.03	99.24	99.45	99.66	99.88	100.09	100.30	100.51	100.73	100.94
5/16	122.72	122.98	123.25	123.52	123.78	124.05	124.31	124.58	124.84	125.11	125.38	125.64	125.91	126.17
3/8	147.26	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
1/2	171.81	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
5/8	196.35	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
3/4	220.89	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
7/8	245.44	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
1 1/8	269.98	270.57	271.15	271.73	272.32	272.90	273.49	274.07	274.66	275.24	275.83	276.41	276.99	277.58
1 1/4	294.53	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
1 3/8	319.07	319.76	320.45	321.14	321.83	322.52	323.21	323.90	324.59	325.28	325.98	326.67	327.36	328.05
1 1/2	343.61	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
1 5/8	368.16	368.95	369.75	370.55	371.34	372.14	372.94	373.73	374.53	375.33	376.13	376.92	377.72	378.52
1 3/4	392.70	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
1 7/8	441.79	442.74	443.70	444.66	445.61	446.57	447.53	448.48	449.44	450.39	451.35	452.31	453.26	454.22
2	490.88	491.94	493.00	494.06	495.13	496.19	497.25	498.31	499.38	500.44	501.50	502.56	503.63	504.69
2 1/8	539.96	541.13	542.30	543.47	544.64	545.81	546.98	548.14	549.31	550.48	551.65	552.82	553.99	555.16
2 1/4	589.05	590.33	591.60	592.88	594.15	595.43	596.70	597.98	599.25	600.53	601.80	603.08	604.35	605.63
2 3/8	638.14	639.52	640.90	642.28	643.66	645.04	646.43	647.81	649.19	650.57	651.95	653.33	654.71	656.09
2 1/2	688.71	690.23	691.69	693.18	694.66	696.15	697.64	699.13	700.61	702.10	703.59	705.08	706.56	708.05
2 5/8	736.31	737.91	739.50	741.09	742.69	744.28	745.88	747.47	749.06	750.66	752.25	753.84	755.44	757.03
2 3/4	785.40	787.10	788.80	790.50	792.20	793.90	795.60	797.30	799.00	800.70	802.40	804.10	805.80	807.50
2 7/8	834.49	836.29	838.10	839.91	841.71	843.52	845.33	847.13	848.94	850.74	852.55	854.36	856.16	857.97
3	883.58	885.49	887.40	889.31	891.23	893.14	895.05	896.96	898.88	900.79	902.70	904.61	906.53	908.44

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	119	119 1/4	119 1/2	119 3/4	120	120 1/4	120 1/2	120 3/4	121	121 1/4	121 1/2	121 3/4	122	122 1/4
7/32	88.51	88.69	88.88	89.06	89.25	89.44	89.62	89.81	89.99	90.18	90.37	90.55	90.74	90.92
1/4	101.15	101.36	101.58	101.79	102.00	102.21	102.43	102.64	102.85	103.06	103.28	103.49	103.70	103.91
5/16	126.44	126.70	126.97	127.23	127.50	127.77	128.03	128.30	128.56	128.83	129.09	129.36	129.63	129.89
3/8	151.73	152.04	152.36	152.68	153.00	153.32	153.64	153.96	154.28	154.59	154.91	155.23	155.55	155.87
7/16	177.01	177.38	177.76	178.13	178.50	178.87	179.24	179.62	179.99	180.36	180.73	181.10	181.48	181.85
1/2	202.30	202.73	203.15	203.58	204.00	204.43	204.85	205.28	205.70	206.13	206.55	206.98	207.40	207.83
5/16	227.59	228.07	228.54	229.02	229.50	229.98	230.46	230.93	231.41	231.89	232.37	232.85	233.33	233.80
3/8	252.88	253.41	253.94	254.47	255.00	255.53	256.06	256.59	257.13	257.66	258.19	258.72	259.25	259.78
1/2	278.16	278.75	279.33	279.92	280.50	281.08	281.67	282.25	282.84	283.42	284.01	284.59	285.18	285.76
3/4	303.45	304.09	304.73	305.36	306.00	306.64	307.28	307.91	308.55	309.19	309.83	310.46	311.10	311.74
13/16	328.74	329.43	330.12	330.81	331.50	332.19	332.88	333.57	334.26	334.95	335.64	336.33	337.03	337.72
7/8	354.03	354.77	355.51	356.26	357.00	357.74	358.49	359.23	359.98	360.72	361.46	362.21	362.95	363.69
15/16	379.31	380.11	380.91	381.70	382.50	383.30	384.09	384.89	385.69	386.48	387.28	388.08	388.88	389.67
1	404.60	405.45	406.30	407.15	408.00	408.85	409.70	410.55	411.40	412.25	413.10	413.95	414.80	415.65
1 1/16	455.18	456.13	457.09	458.04	459.00	459.96	460.91	461.87	462.83	463.78	464.74	465.69	466.65	467.61
1 1/4	505.75	506.81	507.88	508.94	510.00	511.06	512.13	513.19	514.25	515.31	516.38	517.44	518.50	519.56
1 3/8	556.33	557.49	558.66	559.83	561.00	562.17	563.34	564.51	565.68	566.84	568.01	569.18	570.35	571.52
1 1/2	606.90	608.18	609.45	610.73	612.00	613.28	614.55	615.83	617.10	618.38	619.65	620.93	622.20	623.48
1 5/8	657.48	658.86	660.24	661.62	663.00	664.38	665.76	667.14	668.53	669.91	671.29	672.67	674.05	675.43
1 3/4	708.05	709.54	711.03	712.51	714.00	715.49	716.98	718.47	719.95	721.44	722.93	724.41	725.90	727.39
1 7/8	758.63	760.22	761.81	763.41	765.00	766.59	768.19	769.78	771.38	772.97	774.56	776.16	777.75	779.34
2	809.20	810.90	812.60	814.30	816.00	817.70	819.40	821.10	822.80	824.50	826.20	827.90	829.60	831.30
2 1/8	859.78	861.58	863.39	865.19	867.00	868.81	870.61	872.42	874.23	876.03	877.84	879.64	881.45	883.26
2 1/4	910.35	912.26	914.18	916.09	918.00	919.91	921.83	923.74	925.65	927.56	929.48	931.39	933.30	935.21

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	122 1/2	122 3/4	123	123 1/4	123 1/2	123 3/4	124	124 1/4	124 1/2	124 3/4	125	125 1/4	125 1/2	125 3/4
7/32	91.11	91.30	91.48	91.67	91.85	92.04	92.23	92.41	92.60	92.78	92.97	93.15	93.34	93.53
1/4	104.13	104.34	104.55	104.76	104.98	105.19	105.40	105.61	105.83	106.04	106.25	106.46	106.68	106.89
5/16	130.16	130.42	130.69	130.95	131.22	131.48	131.75	132.02	132.28	132.55	132.81	133.08	133.34	133.61
3/8	156.19	156.51	156.83	157.14	157.46	157.78	158.10	158.42	158.74	159.06	159.38	159.69	160.01	160.33
7/16	182.22	182.59	182.96	183.33	183.71	184.08	184.45	184.82	185.19	185.57	185.94	186.31	186.68	187.05
1/2	208.25	208.68	209.10	209.53	209.95	210.38	210.80	211.23	211.65	212.08	212.50	212.93	213.35	213.78
9/16	234.28	234.76	235.24	235.72	236.19	236.67	237.15	237.63	238.11	238.58	239.06	239.54	240.02	240.50
5/8	260.31	260.84	261.38	261.91	262.44	262.97	263.50	264.03	264.56	265.09	265.63	266.16	266.69	267.22
1 1/16	286.34	286.93	287.51	288.10	288.68	289.27	289.85	290.43	291.02	291.60	292.19	292.77	293.36	293.94
3/4	312.38	313.01	313.65	314.29	314.93	315.56	316.20	316.84	317.48	318.11	318.75	319.39	320.03	320.66
13/16	338.41	339.10	339.79	340.48	341.17	341.86	342.55	343.24	343.93	344.62	345.31	346.00	346.69	347.38
7/8	364.44	365.18	365.93	366.67	367.41	368.16	368.90	369.64	370.39	371.13	371.88	372.62	373.36	374.11
1 1/16	390.47	391.27	392.06	392.86	393.66	394.45	395.25	396.05	396.84	397.64	398.44	399.23	400.03	400.83
1	416.50	417.35	418.20	419.05	419.90	420.75	421.60	422.45	423.30	424.15	425.00	425.85	426.70	427.55
1 1/8	468.56	469.52	470.48	471.43	472.39	473.34	474.30	475.26	476.21	477.17	478.13	479.08	480.04	480.99
1 1/4	520.63	521.69	522.75	523.81	524.88	525.94	527.00	528.06	529.13	530.19	531.25	532.31	533.38	534.44
1 3/8	572.69	573.86	575.03	576.19	577.36	578.53	579.70	580.87	582.04	583.21	584.38	585.54	586.71	587.88
1 1/2	624.75	626.03	627.30	628.58	629.85	631.13	632.40	633.68	634.95	636.23	637.50	638.78	640.05	641.33
1 5/8	676.81	678.19	679.58	680.96	682.34	683.72	685.10	686.48	687.86	689.24	690.63	692.01	693.39	694.77
1 3/4	728.88	730.36	731.85	733.34	734.83	736.31	737.80	739.29	740.78	742.26	743.75	745.24	746.73	748.21
1 7/8	780.94	782.53	784.13	785.72	787.31	788.91	790.50	792.09	793.69	795.28	796.88	798.47	800.06	801.66
2	833.00	834.70	836.40	838.10	839.80	841.50	843.20	844.90	846.60	848.30	850.00	851.70	853.40	855.10
2 1/8	885.06	886.87	888.68	890.48	892.29	894.09	895.90	897.71	899.51	901.32	903.13	904.93	906.74	908.54
2 1/4	937.13	939.04	940.95	942.86	944.78	946.69	948.60	950.51	952.43	954.34	956.25	958.16	960.08	961.99

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	126	126 1/4	126 1/2	126 3/4	127	127 1/4	127 1/2	127 3/4	128	128 1/4	128 1/2	128 3/4	129	129 1/4
1/2	93.71	93.90	94.08	94.27	94.46	94.64	94.83	95.01	95.20	95.39	95.57	95.76	95.94	96.13
3/4	107.10	107.31	107.53	107.74	107.95	108.16	108.38	108.59	108.80	109.01	109.23	109.44	109.65	109.86
5/8	133.88	134.14	134.41	134.67	134.94	135.20	135.47	135.73	136.00	136.27	136.53	136.80	137.06	137.33
7/8	160.65	160.97	161.29	161.61	161.93	162.24	162.56	162.88	163.20	163.52	163.84	164.16	164.48	164.79
1	187.43	187.80	188.17	188.54	188.91	189.28	189.66	190.03	190.40	190.77	191.14	191.52	191.89	192.26
1 1/8	214.20	214.63	215.05	215.48	215.90	216.33	216.75	217.18	217.60	218.03	218.45	218.88	219.30	219.73
1 1/4	240.98	241.45	241.93	242.41	242.89	243.37	243.84	244.32	244.80	245.28	245.76	246.23	246.71	247.19
1 1/2	267.75	268.28	268.81	269.34	269.88	270.41	270.94	271.47	272.00	272.53	273.06	273.59	274.13	274.66
1 3/4	294.53	295.11	295.69	296.28	296.86	297.45	298.03	298.62	299.20	299.78	300.37	300.95	301.54	302.12
1 7/8	321.30	321.94	322.58	323.21	323.85	324.49	325.13	325.76	326.40	327.04	327.68	328.31	328.95	329.59
2	348.08	348.77	349.46	350.15	350.84	351.53	352.22	352.91	353.60	354.29	354.98	355.67	356.36	357.05
2 1/8	374.85	375.59	376.34	377.08	377.83	378.57	379.31	380.06	380.80	381.54	382.29	383.03	383.78	384.52
2 1/4	401.63	402.42	403.22	404.02	404.81	405.61	406.41	407.20	408.00	408.80	409.59	410.39	411.19	411.98
2 3/4	428.40	429.25	430.10	430.95	431.80	432.65	433.50	434.35	435.20	436.05	436.90	437.75	438.60	439.45
3	481.95	482.91	483.86	484.82	485.78	486.73	487.69	488.64	489.60	490.56	491.51	492.47	493.43	494.38
3 1/8	535.55	536.56	537.63	538.69	539.75	540.81	541.88	542.94	544.00	545.06	546.13	547.19	548.25	549.31
3 1/4	589.05	590.22	591.39	592.56	593.73	594.89	596.06	597.23	598.40	599.57	600.74	601.91	603.08	604.24
3 1/2	642.60	643.88	645.15	646.43	647.70	648.98	650.25	651.53	652.80	654.08	655.35	656.63	657.90	659.18
3 3/4	696.15	697.53	698.91	700.29	701.68	703.06	704.44	705.82	707.20	708.58	709.96	711.34	712.73	714.11
4	749.70	751.19	752.68	754.16	755.65	757.14	758.63	760.11	761.60	763.09	764.58	766.06	767.55	769.04
4 1/8	803.25	804.84	806.44	808.03	809.63	811.22	812.81	814.41	816.00	817.59	819.19	820.78	822.38	823.97
4 1/4	856.80	858.50	860.20	861.90	863.60	865.30	867.00	868.70	870.40	872.10	873.80	875.50	877.20	878.90
4 1/2	910.35	912.16	913.96	915.77	917.58	919.38	921.19	922.99	924.80	926.61	928.41	930.22	932.03	933.83
4 3/4	963.90	965.81	967.73	969.64	971.55	973.46	975.38	977.29	979.20	981.11	983.03	984.94	986.85	988.76

JONES & LAUGHLIN STEEL CORPORATION

Weights of Flat Rolled Steel, Pounds Per Lineal Foot

Thick- ness, Inches	WIDTH, INCHES													
	129 1/2	129 3/4	130	130 1/4	130 1/2	130 3/4	131	131 1/4	131 1/2	131 3/4	132	132 1/4	132 1/2	132 3/4
7/8	96.32	96.50	96.69	96.87	97.06	97.2	97.4	97.6	97.8	98.0	98.2	98.4	98.5	98.7
1/4	110.08	110.29	110.50	110.71	110.93	111.1	111.4	111.6	111.8	112.0	112.2	112.4	112.6	112.8
5/16	137.59	137.86	138.13	138.39	138.66	138.9	139.2	139.5	139.7	140.0	140.3	140.5	140.8	141.1
3/8	165.11	165.43	165.75	166.07	166.39	166.7	167.0	167.3	167.7	168.0	168.3	168.6	168.9	169.3
7/16	192.63	193.00	193.38	193.75	194.12	194.5	194.9	195.2	195.6	196.0	196.4	196.7	197.1	197.5
1/2	220.15	220.58	221.00	221.43	221.85	222.3	222.7	223.1	223.6	224.0	224.4	224.8	225.3	225.7
9/16	247.67	248.15	248.63	249.10	249.58	250.1	250.5	251.0	251.5	252.0	252.5	252.9	253.4	253.9
5/8	275.19	275.72	276.25	276.78	277.31	277.8	278.4	278.9	279.4	280.0	280.5	281.0	281.6	282.1
11/16	302.71	303.29	303.88	304.46	305.04	305.6	306.2	306.8	307.4	308.0	308.6	309.1	309.7	310.3
3/4	330.23	330.86	331.50	332.14	332.78	333.4	334.1	334.7	335.3	336.0	336.6	337.2	337.9	338.5
13/16	357.74	358.43	359.13	359.82	360.51	361.2	361.9	362.6	363.3	364.0	364.7	365.3	366.0	366.7
7/8	385.26	386.01	386.75	387.49	388.24	389.0	389.7	390.5	391.2	392.0	392.7	393.4	394.2	394.9
15/16	412.78	413.58	414.38	415.17	415.97	416.8	417.6	418.4	419.2	420.0	420.8	421.6	422.3	423.1
1	440.30	441.15	442.00	442.85	443.70	444.6	445.4	446.3	447.1	448.0	448.8	449.7	450.5	451.4
1 1/8	497.34	498.29	499.25	499.21	499.16	500.1	501.1	502.0	503.0	503.9	504.9	505.9	506.8	507.8
1 1/4	530.38	531.44	532.50	533.56	534.63	535.7	536.8	537.8	538.9	539.9	541.0	542.1	543.1	544.2
1 3/8	605.41	606.58	607.75	608.92	610.09	611.3	612.4	613.6	614.8	615.9	617.1	618.3	619.4	620.6
1 1/2	680.45	681.73	683.00	684.28	685.55	686.8	688.1	689.4	690.7	691.9	693.2	694.5	695.8	697.0
1 5/8	715.49	716.87	718.25	719.63	721.01	722.4	723.8	725.2	726.5	727.9	729.3	730.7	732.1	733.4
1 3/4	770.53	772.01	773.50	774.99	776.48	778.0	779.5	780.9	782.4	783.9	785.4	786.9	788.4	789.9
1 7/8	825.56	827.16	828.75	830.34	831.94	833.5	835.1	836.7	838.3	839.9	841.5	843.1	844.7	846.3
2	880.60	882.30	884.00	885.70	887.40	889.1	890.8	892.5	894.2	895.9	897.6	899.3	901.0	902.7
2 1/8	935.64	937.44	939.25	941.06	942.86	944.7	946.5	948.3	950.1	951.9	953.7	955.5	957.3	959.1
2 1/4	990.68	992.59	994.50	996.41	998.33	1000.2	1002.1	1004.1	1006.0	1007.9	1009.8	1011.7	1013.6	1015.5

JONES & LAUGHLIN STEEL CORPORATION

Weights of Circular Steel Plates

Diameter, Inches	THICKNESS, INCHES										
	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4
16	7	11	14	18	21	25	28	32	36	39	42
17	8	12	16	20	24	28	32	36	40	44	48
18	9	14	18	23	27	32	36	41	46	50	54
19	10	15	20	25	30	35	40	45	50	55	60
20	11	17	22	28	33	39	45	50	56	61	67
21	12	19	25	31	37	43	50	55	61	68	74
22	14	20	27	34	40	47	54	61	67	74	81
23	15	22	30	37	44	52	59	66	74	81	88
24	16	24	32	40	48	56	64	72	80	88	96
25	18	26	35	44	52	61	70	78	87	96	104
26	19	28	38	47	57	66	75	85	94	103	113
27	20	31	41	51	61	71	81	91	101	112	122
28	22	33	44	55	66	76	87	98	109	120	131
29	24	35	47	59	70	82	94	105	117	129	140
30	25	38	50	63	75	88	100	113	125	138	150
31	27	40	54	67	80	94	107	120	134	147	160
32	29	43	57	71	86	100	114	128	142	157	171
33	31	46	61	76	91	106	121	136	152	167	182
34	32	48	64	81	97	113	129	145	161	177	193
35	34	51	68	85	102	119	136	153	170	187	204
36	36	54	72	90	108	126	144	162	180	198	216
37	38	57	76	95	114	133	152	171	190	210	229
38	40	60	80	100	121	141	161	181	201	221	241
39	42	64	85	106	127	148	169	190	212	233	254
40	45	67	89	111	134	156	178	200	223	245	267

Weights of Circular Steel Plates

Diameter, Inches	THICKNESS, INCHES										
	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4
41	47	70	94	117	140	164	187	210	234	257	281
42	49	74	98	123	147	172	196	221	245	270	294
43	52	77	103	129	154	180	206	232	257	283	309
44	54	81	108	135	162	189	215	242	269	296	323
45	56	85	113	141	169	197	225	254	282	310	338
46	59	88	118	147	177	206	236	265	294	324	353
47	62	92	123	154	184	215	246	277	307	338	369
48	64	96	128	160	192	224	256	288	320	353	385
49	67	100	134	167	200	234	267	301	334	367	401
50	70	104	139	174	209	243	278	313	348	383	417
51	73	109	145	181	217	253	289	326	362	398	434
52	75	113	150	188	226	263	301	339	376	414	451
53	78	117	156	195	234	274	313	352	391	430	469
54	81	122	162	203	243	284	325	365	406	446	487
55	84	126	168	210	252	295	337	379	421	463	505
56	88	131	175	218	262	305	349	393	436	480	524
57	91	136	181	226	271	317	362	407	452	497	542
58	94	141	187	234	281	328	375	421	468	515	562
59	97	145	194	242	291	339	388	436	484	533	581
60	101	150	201	251	301	351	401	451	501	551	601
61	104	155	207	259	311	363	414	466	518	570	621
62	107	160	214	268	321	375	428	482	535	588	642
63	111	166	221	276	332	387	442	497	552	608	663
64	114	171	228	285	342	399	456	513	570	627	684
65	118	176	235	294	353	412	470	529	588	647	705

JONES & LAUGHLIN STEEL CORPORATION

Weights of Circular Steel Plates

Diameter, Inches	THICKNESS, INCHES												
	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	7/8	15/16	1
66	243	303	364	424	485	546	606	667	727	757	848	909	970
67	250	312	375	437	500	562	625	687	750	812	874	937	1000
68	258	322	386	450	515	579	643	708	772	836	900	965	1030
69	265	331	398	464	530	596	662	729	795	863	928	994	1060
70	273	341	409	477	546	614	682	750	818	886	954	1023	1092
71	281	351	421	491	561	631	702	772	842	912	982	1052	1122
72	289	361	433	505	577	649	721	794	866	938	1010	1082	1154
73	297	371	445	519	593	667	741	816	890	964	1038	1112	1186
74	305	381	457	533	610	686	762	838	914	990	1066	1143	1220
75	313	391	470	548	626	705	783	861	939	1018	1096	1172	1252
76	322	402	482	563	643	723	804	884	964	1045	1125	1205	1286
77	330	413	495	578	660	743	825	907	990	1072	1155	1237	1320
78	339	423	508	593	677	762	847	931	1016	1100	1185	1270	1354
79	348	434	521	608	695	782	868	955	1042	1129	1216	1302	1389
80	356	445	534	623	712	802	891	980	1069	1158	1247	1336	1425
81	365	457	548	639	730	822	913	1004	1095	1187	1278	1369	1460
82	374	468	561	655	748	842	936	1029	1123	1216	1310	1403	1497
83	384	479	575	671	767	863	960	1054	1150	1246	1342	1438	1533
84	393	491	589	687	785	884	982	1080	1178	1276	1374	1472	1571
85	402	503	603	704	804	905	1005	1106	1206	1307	1407	1509	1608
86	412	515	618	720	823	926	1029	1132	1235	1338	1441	1543	1646
87	421	527	632	737	843	948	1053	1158	1264	1369	1474	1580	1685
88	431	539	647	754	862	970	1077	1185	1293	1400	1508	1616	1724
89	441	551	662	772	882	992	1102	1212	1323	1433	1543	1653	1763
90	451	564	676	789	902	1014	1127	1240	1352	1465	1577	1690	1803

JONES & LAUGHLIN STEEL CORPORATION

Weights of Circular Steel Plates

Diameter, Inches	THICKNESS, INCHES											
	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$1\frac{1}{16}$	$\frac{3}{4}$	$1\frac{3}{16}$	$\frac{7}{8}$	$1\frac{5}{16}$	1
91	576	691	807	922	1037	1152	1267	1382	1498	1613	1728	1843
92	589	707	824	942	1060	1178	1295	1413	1531	1648	1766	1884
93	602	722	842	963	1083	1203	1324	1444	1564	1684	1805	1925
94	615	738	861	984	1106	1229	1352	1475	1598	1721	1844	1967
95	628	754	879	1005	1130	1256	1381	1507	1632	1758	1883	2009
96	641	769	897	1025	1154	1282	1410	1538	1666	1795	1923	2051
97	654	785	916	1047	1178	1309	1440	1570	1701	1832	1963	2094
98	668	801	935	1069	1202	1336	1469	1603	1737	1870	2004	2137
99	682	818	954	1091	1227	1363	1500	1636	1772	1908	2045	2181
100	695	835	974	1113	1252	1391	1530	1669	1808	1947	2086	2225
101	709	851	993	1135	1277	1419	1561	1703	1844	1986	2128	2270
102	724	868	1013	1158	1302	1447	1592	1736	1881	2026	2171	2315
103	738	885	1033	1180	1328	1476	1623	1771	1918	2066	2213	2361
104	752	903	1053	1203	1354	1504	1655	1805	1956	2106	2257	2407
105	767	920	1073	1227	1380	1533	1687	1840	1993	2147	2300	2453
106	781	938	1094	1250	1407	1563	1719	1875	2032	2188	2344	2500
107	796	955	1115	1274	1433	1592	1752	1911	2070	2229	2389	2548
108	811	973	1136	1298	1460	1622	1785	1947	2109	2271	2433	2596
109	826	992	1157	1322	1487	1652	1818	1983	2148	2313	2479	2644
110	841	1010	1178	1346	1515	1683	1851	2020	2188	2356	2524	2693
111	857	1028	1200	1371	1542	1714	1885	2056	2228	2400	2570	2742
112	872	1047	1221	1396	1570	1745	1919	2094	2268	2443	2617	2791
113	888	1065	1243	1420	1598	1776	1953	2131	2308	2486	2663	2841
114	904	1085	1266	1446	1627	1808	1989	2170	2350	2531	2712	2893
115	920	1104	1288	1471	1656	1839	2024	2208	2392	2575	2759	2943

JONES & LAUGHLIN STEEL CORPORATION

Weights and Areas of Square and Round Bars

Side or Diameter, Inches	SQUARE		ROUND	
	Weight Lbs., Per Foot	Area, Sq. In.	Weight Lbs., Per Foot	Area, Sq. In.
$\frac{1}{16}$	.013	.0039	.010	.0031
$\frac{5}{64}$	.021	.0061	.016	.0048
$\frac{3}{32}$	.030	.0088	.023	.0069
$\frac{7}{64}$	.041	.0120	.032	.0094
$\frac{1}{8}$	.053	.0156	.042	.0123
$\frac{9}{64}$	.067	.0198	.053	.0155
$\frac{5}{32}$	.083	.0244	.065	.0192
$\frac{11}{64}$	.100	.0295	.079	.0232
$\frac{3}{16}$	.120	.0352	.094	.0276
$\frac{13}{64}$	.140	.0413	.110	.0324
$\frac{7}{32}$	.163	.0479	.128	.0376
$\frac{15}{64}$	.187	.0549	.147	.0431
$\frac{1}{4}$	.213	.0625	.167	.0491
$\frac{17}{64}$	.240	.0706	.188	.0554
$\frac{9}{32}$	.269	.0791	.211	.0621
$\frac{19}{64}$	.300	.0881	.235	.0692
$\frac{5}{16}$	.332	.0977	.261	.0767
$\frac{21}{64}$	.366	.1077	.288	.0846
$\frac{11}{32}$	.402	.1182	.316	.0928
$\frac{23}{64}$	.439	.1292	.345	.1014
$\frac{3}{8}$	.478	.1406	.376	.1104
$\frac{25}{64}$	.519	.1526	.407	.1198
$\frac{13}{32}$	.561	.1650	.441	.1296
$\frac{27}{64}$	.605	.1780	.475	.1398
$\frac{7}{16}$	.651	.1914	.511	.1503
$\frac{29}{64}$	.698	.2053	.548	.1613
$\frac{15}{32}$	.747	.2197	.587	.1726
$\frac{31}{64}$	.798	.2346	.627	.1843
$\frac{1}{2}$	.850	.2500	.668	.1963
$\frac{33}{64}$	.904	.2659	.710	.2088
$\frac{17}{32}$	.960	.2822	.754	.2217
$\frac{35}{64}$	1.017	.2991	.799	.2349

JONES & LAUGHLIN STEEL CORPORATION

Square and Round Bars

Side or Diameter, Inches	SQUARE		ROUND	
	Weight Lbs., Per Foot	Area, Sq. In.	Weight Lbs., Per Foot	Area, Sq. In.
$\frac{9}{16}$	1.076	.3164	.845	.2485
$\frac{37}{64}$	1.136	.3342	.893	.2625
$\frac{19}{32}$	1.199	.3525	.941	.2769
$\frac{39}{64}$	1.263	.3713	.992	.2916
$\frac{5}{8}$	1.328	.3906	1.043	.3068
$\frac{41}{64}$	1.395	.4104	1.096	.3223
$\frac{21}{32}$	1.464	.4307	1.150	.3382
$\frac{43}{64}$	1.535	.4514	1.205	.3545
$\frac{11}{16}$	1.607	.4727	1.262	.3712
$\frac{45}{64}$	1.681	.4944	1.320	.3883
$\frac{23}{32}$	1.756	.5166	1.380	.4057
$\frac{47}{64}$	1.834	.5393	1.440	.4236
$\frac{3}{4}$	1.913	.5625	1.502	.4418
$\frac{49}{64}$	1.993	.5862	1.565	.4604
$\frac{25}{32}$	2.075	.6104	1.630	.4794
$\frac{51}{64}$	2.159	.6350	1.696	.4987
$\frac{13}{16}$	2.245	.6602	1.763	.5185
$\frac{53}{64}$	2.332	.6858	1.831	.5386
$\frac{27}{32}$	2.421	.7119	1.901	.5591
$\frac{55}{64}$	2.511	.7385	1.972	.5800
$\frac{7}{8}$	2.603	.7656	2.044	.6013
$\frac{57}{64}$	2.697	.7932	2.118	.6230
$\frac{29}{32}$	2.792	.8213	2.193	.6450
$\frac{59}{64}$	2.890	.8499	2.269	.6675
$\frac{15}{16}$	2.988	.8789	2.347	.6903
$\frac{61}{64}$	3.089	.9084	2.426	.7135
$\frac{31}{32}$	3.191	.9385	2.506	.7371
$\frac{63}{64}$	3.295	.9690	2.588	.7610
1	3.400	1.0000	2.670	.7854
$\frac{1}{32}$	3.616	1.0635	2.840	.8353
$\frac{1}{16}$	3.838	1.1289	3.015	.8866
$\frac{3}{32}$	4.067	1.1963	3.195	.9396

JONES & LAUGHLIN STEEL CORPORATION

Square and Round Bars

Side or Diameter, Inches	SQUARE		ROUND	
	Weight Lbs., Per Foot	Area, Sq. In.	Weight Lbs., Per Foot	Area, Sq. In.
1 1/8	4.303	1.2656	3.380	.9940
5/32	4.546	1.3369	3.570	1.0500
3/16	4.795	1.4102	3.766	1.1075
7/32	5.050	1.4854	3.966	1.1666
1/4	5.313	1.5625	4.172	1.2272
9/32	5.581	1.6416	4.384	1.2893
5/16	5.857	1.7227	4.600	1.3530
11/32	6.139	1.8057	4.822	1.4182
3/8	6.428	1.8905	5.049	1.4849
13/32	6.724	1.9775	5.281	1.5532
7/16	7.026	2.0664	5.518	1.6230
15/32	7.335	2.1572	5.761	1.6943
1/2	7.650	2.2500	6.008	1.7671
17/32	7.972	2.3447	6.261	1.8415
9/16	8.301	2.4414	6.519	1.9175
19/32	8.636	2.5400	6.783	1.9949
5/8	8.978	2.6406	7.051	2.0739
21/32	9.327	2.7432	7.325	2.1545
11/16	9.682	2.8477	7.604	2.2365
23/32	10.044	2.9541	7.888	2.3201
3/4	10.413	3.0625	8.178	2.4053
25/32	10.788	3.1729	8.473	2.4920
13/16	11.170	3.2852	8.773	2.5802
27/32	11.558	3.3994	9.078	2.6699
7/8	11.953	3.5156	9.388	2.7612
29/32	12.355	3.6338	9.704	2.8540
15/16	12.763	3.7539	10.024	2.9483
31/32	13.178	3.8760	10.350	3.0442
2	13.600	4.0000	10.681	3.1416
1/16	14.463	4.2539	11.359	3.3410
1/8	15.353	4.5156	12.058	3.5466
3/16	16.270	4.7852	12.778	3.7583

JONES & LAUGHLIN STEEL CORPORATION

Square and Round Bars

Side or Diameter, Inches	SQUARE		ROUND	
	Weight Lbs., Per Foot	Area, Sq. In.	Weight Lbs., Per Foot	Area, Sq. In.
2 1/4	17.213	5.0625	13.519	3.9761
5/16	18.182	5.3477	14.280	4.2000
3/8	19.178	5.6406	15.062	4.4301
7/16	20.201	5.9414	15.866	4.6664
1/2	21.250	6.2500	16.690	4.9087
9/16	22.326	6.5664	17.535	5.1572
5/8	23.428	6.8906	18.400	5.4119
11/16	24.557	7.2227	19.287	5.6727
3/4	25.713	7.5625	20.195	5.9396
13/16	26.895	7.9102	21.123	6.2126
7/8	28.103	8.2656	22.072	6.4918
15/16	29.338	8.6289	23.042	6.7771
3	30.600	9.0000	24.033	7.0686
1/16	31.888	9.3789	25.045	7.3662
1/8	33.203	9.7656	26.078	7.6699
3/16	34.545	10.1602	27.131	7.9798
1/4	35.913	10.5625	28.206	8.2958
5/16	37.307	10.9727	29.301	8.6179
3/8	38.728	11.3906	30.417	8.9462
7/16	40.176	11.8164	31.554	9.2806
1/2	41.650	12.2500	32.712	9.6211
9/16	43.151	12.6914	33.891	9.9678
5/8	44.678	13.1406	35.090	10.3206
11/16	46.232	13.5977	36.311	10.6796
3/4	47.813	14.0625	37.552	11.0447
13/16	49.420	14.5352	38.814	11.4159
7/8	51.053	15.0156	40.097	11.7932
15/16	52.713	15.5039	41.401	12.1767
4	54.400	16.0000	42.726	12.5664
1/16	56.113	16.5039	44.071	12.9621
1/8	57.853	17.0156	45.438	13.3640
3/16	59.620	17.5352	46.825	13.7721

JONES & LAUGHLIN STEEL CORPORATION

Square and Round Bars

Side or Diameter, Inches	SQUARE		ROUND	
	Weight Lbs., Per Foot	Area, Sq. In.	Weight Lbs., Per Foot	Area, Sq. In.
4 1/4	61.413	18.0625	48.233	14.1863
5/16	63.232	18.5977	49.662	14.6066
3/8	65.078	19.1406	51.112	15.0330
7/16	66.951	19.6914	52.583	15.4656
1/2	68.850	20.2500	54.075	15.9043
9/16	70.776	20.8164	55.590	16.349
5/8	72.728	21.3906	57.121	16.8002
11/16	74.707	21.9727	58.675	17.2573
3/4	76.713	22.5625	60.250	17.7206
13/16	78.745	23.1602	61.846	18.1899
7/8	80.803	23.7656	63.463	18.6655
15/16	82.888	24.3789	65.100	19.1472
5	85.00	25.000	66.76	19.635
1/16	87.14	25.629	68.44	20.129
1/8	89.30	26.266	70.14	20.629
3/16	91.50	26.910	71.86	21.135
1/4	93.71	27.563	73.60	21.648
5/16	95.96	28.223	75.36	22.166
3/8	98.23	28.891	77.15	22.691
7/16	100.53	29.566	78.95	23.221
1/2	102.85	30.250	80.78	23.758
9/16	105.20	30.941	82.62	24.301
5/8	107.58	31.641	84.49	24.850
11/16	109.98	32.348	86.38	25.406
3/4	112.41	33.063	88.29	25.967
13/16	114.87	33.785	90.22	26.535
7/8	117.35	34.516	92.17	27.109
15/16	119.86	35.254	94.14	27.688
6	122.40	36.000	96.13	28.274
1/16	124.96	36.754	98.15	28.866
1/8	127.55	37.516	100.18	29.465
3/16	130.17	38.285	102.23	30.069

JONES & LAUGHLIN STEEL CORPORATION

Square and Round Bars

Side or Diameter, Inches	SQUARE		ROUND	
	Weight Lbs., Per Foot	Area, Sq. In.	Weight Lbs., Per Foot	Area, Sq. In.
6 $\frac{1}{4}$	132.81	39.063	104.31	30.680
$\frac{5}{16}$	135.48	39.848	106.41	31.296
$\frac{3}{8}$	138.18	40.641	108.52	31.919
$\frac{7}{16}$	140.90	41.441	110.66	32.548
$\frac{1}{2}$	143.65	42.250	112.82	33.183
$\frac{9}{16}$	146.43	43.066	115.00	33.824
$\frac{5}{8}$	149.23	43.891	117.20	34.472
$\frac{11}{16}$	152.06	44.723	119.43	35.125
$\frac{3}{4}$	154.91	45.563	121.67	35.785
$\frac{13}{16}$	157.79	46.410	123.93	36.450
$\frac{7}{8}$	160.70	47.266	126.22	37.122
$\frac{15}{16}$	163.64	48.129	128.52	37.800
7	166.60	49.000	130.85	38.485
$\frac{1}{16}$	169.59	49.879	133.19	39.175
$\frac{1}{8}$	172.60	50.766	135.56	39.871
$\frac{3}{16}$	175.64	51.660	137.95	40.574
$\frac{1}{4}$	178.71	52.563	140.36	41.282
$\frac{5}{16}$	181.81	53.473	142.79	41.997
$\frac{3}{8}$	184.93	54.391	145.24	42.718
$\frac{7}{16}$	188.08	55.316	147.71	43.445
$\frac{1}{2}$	191.25	56.250	150.21	44.179
$\frac{9}{16}$	194.45	57.191	152.72	44.918
$\frac{5}{8}$	197.68	58.141	155.26	45.664
$\frac{11}{16}$	200.93	59.098	157.81	46.415
$\frac{3}{4}$	204.21	60.063	160.39	47.173
$\frac{13}{16}$	207.52	61.035	162.99	47.937
$\frac{7}{8}$	210.85	62.016	165.60	48.707
$\frac{15}{16}$	214.21	63.004	168.24	49.483
8	217.60	64.000	170.90	50.265

JONES & LAUGHLIN STEEL CORPORATION

Weight of Hexagon Bars

Pounds Per Lineal Foot

Size, Inches	Pounds, per Foot	Size, Inches	Pounds, Per Foot	Size, Inches	Pounds, Per Foot	Size, Inches	Pounds, Per Foot
$\frac{1}{8}$	.0460	$\frac{7}{8}$	2.254	$1 \frac{5}{8}$	7.775	$2 \frac{3}{4}$	22.268
$\frac{5}{32}$	.072	$\frac{29}{32}$	2.418	$1 \frac{21}{32}$	8.077	$2 \frac{13}{16}$	23.291
$\frac{3}{16}$	.104	$\frac{15}{16}$	2.588	$1 \frac{11}{16}$	8.385	$2 \frac{7}{8}$	24.338
$\frac{7}{32}$	.141	$\frac{31}{32}$	2.763	$1 \frac{23}{32}$	8.699	$2 \frac{15}{16}$	25.408
$\frac{1}{4}$	.184	1	2.945	$1 \frac{3}{4}$	9.018	3	26.500
$\frac{9}{32}$	.233	$1 \frac{1}{32}$	3.131	$1 \frac{25}{32}$	9.343	$3 \frac{1}{16}$	27.616
$\frac{5}{16}$	.288	$1 \frac{1}{16}$	3.324	$1 \frac{13}{16}$	9.673	$3 \frac{1}{8}$	28.755
$\frac{11}{32}$	.348	$1 \frac{3}{32}$	3.522	$1 \frac{27}{32}$	10.009	$3 \frac{3}{16}$	29.916
$\frac{3}{8}$	.414	$1 \frac{1}{8}$	3.727	$1 \frac{7}{8}$	10.352	$3 \frac{1}{4}$	31.101
$\frac{13}{32}$	.486	$1 \frac{5}{32}$	3.937	$1 \frac{29}{32}$	10.699	$3 \frac{5}{16}$	32.309
$\frac{7}{16}$	.564	$1 \frac{3}{16}$	4.152	$1 \frac{15}{16}$	11.053	$3 \frac{3}{8}$	33.540
$\frac{15}{32}$	.674	$1 \frac{7}{32}$	4.374	$1 \frac{31}{32}$	11.413	$3 \frac{7}{16}$	34.793
$\frac{1}{2}$	.736	$1 \frac{1}{4}$	4.601	2	11.778	$3 \frac{1}{2}$	36.070
$\frac{17}{32}$	.831	$1 \frac{9}{32}$	4.834	$2 \frac{1}{16}$	12.525	$3 \frac{9}{16}$	37.370
$\frac{9}{16}$	.932	$1 \frac{5}{16}$	5.072	$2 \frac{1}{8}$	13.296	$3 \frac{5}{8}$	38.692
$\frac{19}{32}$	1.038	$1 \frac{11}{32}$	5.317	$2 \frac{3}{16}$	14.089	$3 \frac{11}{16}$	40.038
$\frac{5}{8}$	1.150	$1 \frac{3}{8}$	5.567	$2 \frac{1}{4}$	14.907	$3 \frac{3}{4}$	41.407
$\frac{21}{32}$	1.268	$1 \frac{13}{32}$	5.823	$2 \frac{5}{16}$	15.746	$3 \frac{13}{16}$	42.799
$\frac{11}{16}$	1.392	$1 \frac{7}{16}$	6.085	$2 \frac{3}{8}$	16.609	$3 \frac{7}{8}$	44.213
$\frac{23}{32}$	1.521	$1 \frac{15}{32}$	6.352	$2 \frac{7}{16}$	17.494	$3 \frac{15}{16}$	45.651
$\frac{3}{4}$	1.656	$1 \frac{1}{2}$	6.625	$2 \frac{1}{2}$	18.403	4	47.112
$\frac{25}{32}$	1.797	$1 \frac{17}{32}$	6.904	$2 \frac{9}{16}$	19.335	.....	.....
$\frac{13}{16}$	1.944	$1 \frac{9}{16}$	7.189	$2 \frac{5}{8}$	20.289	.....	.....
$\frac{27}{32}$	2.096	$1 \frac{19}{32}$	7.479	$2 \frac{11}{16}$	21.267	.....	.....

JONES & LAUGHLIN STEEL CORPORATION

Areas, Circumferences and Weights per Foot of Round Bars with Diameters in Decimals

DIAMETER, INCHES		Area, Square Inches	Circumference, Inches	Weight per Foot, Pounds
Decimal	Nominal Fraction			
.178	$\frac{3}{16}$ -	.0249	.5592	.085
.220	$\frac{7}{32}$ +	.0380	.6912	.129
.223	$\frac{7}{32}$ +	.0391	.7006	.133
.227	$\frac{15}{64}$ -	.0405	.7131	.138
.230	$\frac{15}{64}$ -	.0415	.7226	.141
.231	$\frac{15}{64}$ -	.0418	.7257	.142
.236	$\frac{15}{64}$ +	.0437	.7414	.149
.238	$\frac{15}{64}$ +	.0445	.7477	.152
.240	$\frac{1}{4}$ -	.0452	.7540	.154
.242	$\frac{1}{4}$ -	.0460	.7603	.157
.243	$\frac{1}{4}$ -	.0464	.7634	.158
.244	$\frac{1}{4}$ -	.0467	.7665	.159
.245	$\frac{1}{4}$ -	.0471	.7697	.160
.247	$\frac{1}{4}$ -	.0479	.7760	.163
.248	$\frac{1}{4}$ -	.0483	.7791	.164
.250	$\frac{1}{4}$	.0491	.7854	.167
.255	$\frac{1}{4}$ +	.0511	.8011	.174
.258	$\frac{1}{4}$ +	.0523	.8105	.178
.262	$\frac{17}{64}$ -	.0539	.8231	.183
.263	$\frac{17}{64}$ -	.0543	.8262	.185
.275	$\frac{9}{32}$ -	.0594	.8639	.202
.280	$\frac{9}{32}$ -	.0616	.8796	.209
.281	$\frac{9}{32}$	.0620	.8828	.211
.286	$\frac{9}{32}$ +	.0642	.8985	.218
.289	$\frac{19}{64}$ -	.0656	.9079	.223
.290	$\frac{19}{64}$ -	.0660	.9111	.224
.292	$\frac{19}{64}$ -	.0669	.9173	.227
.295	$\frac{19}{64}$ -	.0683	.9268	.232
.297	$\frac{19}{64}$	.0693	.9330	.236
.298	$\frac{19}{64}$ +	.0697	.9362	.238
.300	$\frac{19}{64}$ +	.0707	.9425	.240
.302	$\frac{19}{64}$ +	.0716	.9488	.243
.304	$\frac{19}{64}$ +	.0725	.9550	.246

JONES & LAUGHLIN STEEL CORPORATION

Areas, Circumferences and Weights per Foot of
Round Bars with Diameters in Decimals

DIAMETER, INCHES		Area, Square Inches	Circumference, Inches	Weight per Foot, Pounds
Decimal	Nominal Fraction			
.305	$\frac{5}{16}$ -	.0731	.9582	.248
.306	$\frac{5}{16}$ -	.0735	.9613	.250
.307	$\frac{5}{16}$ -	.0740	.9645	.252
.308	$\frac{5}{16}$ -	.0745	.9676	.253
.310	$\frac{5}{16}$ -	.0754	.9739	.256
.312	$\frac{5}{16}$ -	.0764	.9802	.260
.314	$\frac{5}{16}$ +	.0774	.9865	.263
.315	$\frac{5}{16}$ +	.0779	.9896	.265
.323	$\frac{21}{64}$ -	.0819	1.0147	.278
.324	$\frac{21}{64}$ -	.0824	1.0179	.280
.330	$\frac{21}{64}$ +	.0855	1.0367	.291
.335	$\frac{11}{32}$ -	.0881	1.0524	.299
.343	$\frac{11}{32}$ -	.0924	1.0776	.314
.344	$\frac{11}{32}$ -	.0929	1.0807	.316
.345	$\frac{11}{32}$ +	.0935	1.0838	.318
.355	$\frac{23}{64}$ -	.0990	1.1153	.337
.356	$\frac{23}{64}$ -	.0995	1.1184	.338
.360	$\frac{23}{64}$ +	.1018	1.1310	.346
.361	$\frac{23}{64}$ +	.1023	1.1341	.348
.362	$\frac{23}{64}$ +	.1029	1.1372	.350
.364	$\frac{23}{64}$ +	.1041	1.1435	.354
.365	$\frac{23}{64}$ +	.1046	1.1467	.356
.367	$\frac{23}{64}$ +	.1058	1.1530	.360
.368	$\frac{3}{8}$ -	.1064	1.1561	.362
.370	$\frac{3}{8}$ -	.1075	1.1624	.365
.372	$\frac{3}{8}$ -	.1087	1.1687	.369
.373	$\frac{3}{8}$ -	.1093	1.1718	.372
.374	$\frac{3}{8}$ -	.1098	1.1749	.373
.375	$\frac{3}{8}$ -	.1104	1.1781	.376
.390	$\frac{25}{64}$ -	.1194	1.2252	.406
.420	$\frac{27}{64}$ -	.1385	1.3195	.471
.424	$\frac{27}{64}$ +	.1412	1.3320	.480
.427	$\frac{27}{64}$ +	.1432	1.3415	.487

JONES & LAUGHLIN STEEL CORPORATION

Areas, Circumferences and Weights per Foot of Round Bars with Diameters in Decimals

DIAMETER, INCHES		Area, Square Inches	Circumference, Inches	Weight per Foot, Pounds
Decimal	Nominal Fraction			
.430	$\frac{7}{16}$ -	.1452	1.3509	.494
.431	$\frac{7}{16}$ -	.1459	1.3540	.496
.432	$\frac{7}{16}$ -	.1466	1.3572	.498
.436	$\frac{7}{16}$ -	.1493	1.3697	.508
.437	$\frac{7}{16}$ -	.1500	1.3739	.510
.442	$\frac{7}{16}$ +	.1534	1.3886	.522
.446	$\frac{29}{64}$ -	.1562	1.4012	.531
.470	$\frac{15}{32}$ +	.1735	1.4765	.590
.486	$\frac{31}{64}$ +	.1855	1.5268	.631
.487	$\frac{31}{64}$ +	.1863	1.5300	.633
.490	$\frac{31}{64}$ +	.1886	1.5394	.641
.493	$\frac{1}{2}$ -	.1909	1.5488	.649
.495	$\frac{1}{2}$ -	.1924	1.5551	.654
.497	$\frac{1}{2}$ -	.1940	1.5614	.660
.500	$\frac{1}{2}$ -	.1963	1.5708	.668
.550	$\frac{35}{64}$ +	.2376	1.7279	.808
.552	$\frac{35}{64}$ +	.2393	1.7342	.814
.556	$\frac{9}{16}$ -	.2428	1.7467	.825
.603	$\frac{39}{64}$ -	.2856	1.8944	.971
.610	$\frac{39}{64}$ -	.2922	1.9164	.994
.615	$\frac{39}{64}$ +	.2971	1.9321	1.010
.618	$\frac{5}{8}$ -	.3000	1.9415	1.020
.625	$\frac{5}{8}$ -	.3068	1.9635	1.043
.665	$\frac{43}{64}$ -	.3473	2.0892	1.181
.727	$\frac{47}{64}$ -	.4151	2.2839	1.411
.732	$\frac{47}{64}$ -	.4208	2.2997	1.431
.734	$\frac{47}{64}$ -	.4231	2.3059	1.439
.735	$\frac{47}{64}$ -	.4243	2.3091	1.443
.740	$\frac{47}{64}$ +	.4301	2.3248	1.462
.747	$\frac{3}{4}$ -	.4383	2.3468	1.490
.750	$\frac{3}{4}$ -	.4418	2.3562	1.502
.800	$\frac{51}{64}$ +	.5027	2.5133	1.709
.811	$\frac{13}{16}$ -	.5166	2.5478	1.756
.851	$\frac{27}{32}$ +	.5688	2.6735	1.934
.865	$\frac{55}{64}$ +	.5877	2.7175	1.998
.875	$\frac{7}{8}$ -	.6013	2.7489	2.044
.920	$\frac{59}{64}$ -	.6648	2.8903	2.260
.990	1 -	.7698	3.1102	2.617

JONES & LAUGHLIN STEEL CORPORATION

Approximate Weights of Round Edge Flats

Per Lineal Foot

Width Overall, Inches	THICKNESS, INCHES						
	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
$\frac{1}{2}$	.206	.303	.398	.488	.....	.....	.....
$\frac{9}{16}$	.232	.343	.451	.555	.....	.....	.....
$\frac{5}{8}$	.259	.383	.504	.621	.....	.....	.....
$\frac{11}{16}$	.285	.423	.557	.688	.815	.....	.....
$\frac{3}{4}$	.312	.463	.610	.754	.895	.....	.....
$\frac{13}{16}$	.338	.503	.663	.821	.974	1.13	.....
$\frac{7}{8}$	.365	.542	.716	.887	1.06	1.22	.....
$\frac{15}{16}$	.392	.582	.769	.953	1.14	1.31	1.49
1	.418	.622	.823	1.02	1.22	1.41	1.59
$1 \frac{1}{16}$	.445	.662	.876	1.09	1.30	1.50	1.70
$1 \frac{1}{8}$	.....	.702	.929	1.15	1.38	1.59	1.81
$1 \frac{3}{16}$	.....	.742	.982	1.22	1.46	1.69	1.91
$1 \frac{1}{4}$	.....	.781	1.04	1.29	1.54	1.78	2.02
$1 \frac{5}{16}$	.....	.821	1.09	1.36	1.62	1.87	2.13
$1 \frac{3}{8}$	.....	.861	1.14	1.42	1.70	1.97	2.23
$1 \frac{7}{16}$	.....	.901	1.19	1.49	1.78	2.06	2.34
$1 \frac{1}{2}$	.....	.941	1.25	1.56	1.85	2.15	2.44
$1 \frac{9}{16}$	.....	.981	1.30	1.62	1.94	2.24	2.55
$1 \frac{5}{8}$	.....	1.02	1.35	1.69	2.01	2.34	2.66
$1 \frac{11}{16}$	.....	1.06	1.41	1.76	2.09	2.43	2.76
$1 \frac{3}{4}$	.....	1.10	1.46	1.82	2.17	2.52	2.87
$1 \frac{13}{16}$	.....	.....	1.51	1.89	2.25	2.62	2.98
$1 \frac{7}{8}$	.....	.....	1.57	1.95	2.33	2.71	3.08
$1 \frac{15}{16}$	.....	.....	1.62	2.02	2.41	2.80	3.19
2	.....	.....	1.67	2.09	2.49	2.89	3.29

JONES & LAUGHLIN STEEL CORPORATION

Approximate Weights of Round Edge Flats

Per Lineal Foot

Width Overall, Inches	THICKNESS, INCHES							
	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1
$\frac{1}{2}$	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{9}{16}$	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{5}{8}$	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{11}{16}$	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{3}{4}$	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{13}{16}$	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{7}{8}$	.....	.....	.....	.....	.....	.....	.....	.....
$\frac{15}{16}$	.....	.....	.....	.....	.....	.....	.....	.....
1	.....	.....	.....	.....	.....	.....	.....	.....
$1 \frac{1}{16}$	.....	.....	.....	.....	.....	.....	.....	.....
$1 \frac{1}{8}$	.....	.....	.....	.....	.....	.....	.....	.....
$1 \frac{3}{16}$	2.14	2.36	2.57	2.79	.....	.....	.....	.....
$1 \frac{1}{4}$	2.26	2.49	2.72	2.94	.....	.....	.....	.....
$1 \frac{5}{16}$	2.38	2.62	2.81	3.10	.....	.....	.....	.....
$1 \frac{3}{8}$	2.49	2.75	3.01	3.26	.....	.....	.....	.....
$1 \frac{7}{16}$	2.61	2.89	3.16	3.42	.....	.....	.....	.....
$1 \frac{1}{2}$	2.73	3.02	3.30	3.58	.....	.....	.....	.....
$1 \frac{9}{16}$	2.85	3.15	3.45	3.74	.....	.....	.....	.....
$1 \frac{5}{8}$	2.97	3.29	3.60	3.90	.....	.....	.....	.....
$1 \frac{11}{16}$	3.09	3.42	3.74	4.06	.....	.....	.....	.....
$1 \frac{3}{4}$	3.21	3.55	3.89	4.22	4.55	4.87	5.20	5.52
$1 \frac{13}{16}$	3.33	3.68	4.03	4.38	4.72	5.06	5.40	5.73
$1 \frac{7}{8}$	3.45	3.82	4.18	4.54	4.89	5.25	5.60	5.94
$1 \frac{15}{16}$	3.57	3.95	4.33	4.70	5.07	5.43	5.79	6.15
2	3.69	4.08	4.47	4.86	5.24	5.62	5.99	6.37

JONES & LAUGHLIN STEEL CORPORATION

Approximate Weights of Round Edge Flats
Per Lineal Foot

Width Overall, Inches	THICKNESS, INCHES						
	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$
2 $\frac{1}{16}$	1.73	2.15	2.57	2.99	3.40
2 $\frac{1}{8}$	1.78	2.22	2.65	3.08	3.51
2 $\frac{3}{16}$	1.83	2.29	2.73	3.17	3.61
2 $\frac{1}{4}$	1.89	2.35	2.81	3.27	3.72
2 $\frac{5}{16}$	1.94	2.42	2.89	3.36	3.83
2 $\frac{3}{8}$	1.99	2.49	2.97	3.45	3.93
2 $\frac{7}{16}$	2.04	2.55	3.05	3.55	4.04
2 $\frac{1}{2}$	2.10	2.62	3.13	3.64	4.14
2 $\frac{5}{8}$	2.20	2.75	3.29	3.82	4.36
2 $\frac{3}{4}$	2.31	2.88	3.45	4.01	4.57
2 $\frac{7}{8}$	2.42	3.02	3.61	4.20	4.78
3	2.52	3.15	3.77	4.38	4.99
3 $\frac{1}{8}$	2.63	3.28	3.93	4.57	5.21
3 $\frac{1}{4}$	2.74	3.42	4.09	4.75	5.42
3 $\frac{3}{8}$	2.84	3.55	4.25	4.94	5.63
3 $\frac{1}{2}$	2.95	3.68	4.40	5.13	5.84
3 $\frac{5}{8}$	4.56	5.31	6.06
3 $\frac{3}{4}$	4.72	5.50	6.27
3 $\frac{7}{8}$	4.88	5.68	6.48
4	5.04	5.87	6.69
4 $\frac{1}{8}$	6.91
4 $\frac{1}{4}$	7.12
4 $\frac{3}{8}$	7.33
4 $\frac{1}{2}$	7.54
4 $\frac{5}{8}$	7.76
4 $\frac{3}{4}$	7.97

JONES & LAUGHLIN STEEL CORPORATION

Approximate Weights of Round Edge Flats
Per Lineal Foot

Width Overall, Inches	THICKNESS, INCHES							
	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{15}{16}$	1
2 $\frac{1}{16}$	3.81	4.22	4.62	5.02	5.41	5.80	6.19	6.58
2 $\frac{1}{8}$	3.93	4.35	4.76	5.18	5.58	5.99	6.39	6.79
2 $\frac{3}{16}$	4.05	4.48	4.91	5.34	5.76	6.18	6.59	7.00
2 $\frac{1}{4}$	4.17	4.61	5.06	5.49	5.93	6.36	6.79	7.22
2 $\frac{5}{16}$	4.29	4.75	5.20	5.65	6.10	6.55	6.99	7.43
2 $\frac{3}{8}$	4.41	4.88	5.35	5.81	6.28	6.73	7.19	7.64
2 $\frac{7}{16}$	4.53	5.01	5.49	5.97	6.45	6.92	7.39	7.85
2 $\frac{1}{2}$	4.65	5.15	5.64	6.13	6.62	7.10	7.59	8.07
2 $\frac{5}{8}$	4.89	5.41	5.93	6.45	6.97	7.48	7.99	8.49
2 $\frac{3}{4}$	5.12	5.68	6.22	6.77	7.31	7.85	8.39	8.92
2 $\frac{7}{8}$	5.36	5.94	6.52	7.09	7.66	8.22	8.78	9.34
3	5.60	6.21	6.81	7.41	8.00	8.59	9.18	9.77
3 $\frac{1}{8}$	5.84	6.47	7.10	7.73	8.35	8.96	9.58	10.19
3 $\frac{1}{4}$	6.08	6.74	7.39	8.04	8.69	9.34	9.98	10.62
3 $\frac{3}{8}$	6.32	7.00	7.69	8.36	9.04	9.71	10.38	11.04
3 $\frac{1}{2}$	6.56	7.27	7.98	8.68	9.38	10.08	10.77	11.47
3 $\frac{5}{8}$	6.80	7.54	8.27	9.00	9.73	10.45	11.17	11.89
3 $\frac{3}{4}$	7.04	7.80	8.56	9.32	10.07	10.82	11.57	12.32
3 $\frac{7}{8}$	7.28	8.07	8.85	9.64	10.42	11.20	11.97	12.74
4	7.51	8.33	9.15	9.96	10.76	11.57	12.37	13.17
4 $\frac{1}{8}$	7.75	8.60	9.44	10.27	11.11	11.94	12.76	13.59
4 $\frac{1}{4}$	7.99	8.86	9.73	10.59	11.45	12.31	13.16	14.02
4 $\frac{3}{8}$	8.23	9.13	10.02	10.91	11.80	12.68	13.56	14.44
4 $\frac{1}{2}$	8.47	9.39	10.31	11.23	12.14	13.05	13.96	14.87
4 $\frac{5}{8}$	8.71	9.66	10.61	11.55	12.49	13.43	14.36	15.29
4 $\frac{3}{4}$	8.95	9.93	10.90	11.87	12.84	13.81	14.77	15.73

JONES & LAUGHLIN STEEL CORPORATION

Sheet Steel

Weight Per Square Foot

THICKNESS		Weight Pounds	THICKNESS		Weight Pounds
Birmingham Gauge	Inches		Birmingham Gauge	Inches	
1	.300	12.24	16	.065	2.66
2	.284	11.59	17	.058	2.37
3	.259	10.57	18	.049	2.00
4	.238	9.71	19	.042	1.72
5	.220	8.98	20	.035	1.43
6	.203	8.29	21	.032	1.31
7	.180	7.35	22	.028	1.14
8	.165	6.74	23	.025	1.02
9	.148	6.04	24	.022	.90
10	.134	5.46	25	.020	.82
11	.120	4.90	26	.018	.74
12	.109	4.45	27	.016	.66
13	.095	3.88	28	.014	.57
14	.083	3.39	29	.013	.53
15	.072	2.94	30	.012	.49

Plates—Steel

Weight of Superficial Foot

THICKNESS		Weight in Pounds	THICKNESS		Weight in Pounds
Inches	Decimal Equivalent		Inches	Decimal Equivalent	
$\frac{1}{32}$	.03125	1.30	$\frac{5}{16}$	.3125	12.88
$\frac{1}{16}$	.0625	2.57	$\frac{3}{8}$	.375	15.46
$\frac{3}{32}$	.09375	3.87	$\frac{7}{16}$	.4375	18.03
$\frac{1}{8}$	.125	5.15	$\frac{1}{2}$	.5	20.61
$\frac{5}{32}$	.15625	6.45	$\frac{9}{16}$	.5625	23.19
$\frac{3}{16}$	.1875	7.73	$\frac{5}{8}$	.625	25.77
$\frac{7}{32}$	.21875	9.02	$\frac{3}{4}$	.75	30.92
$\frac{1}{4}$	.25	10.30	$\frac{7}{8}$	.875	36.08
$\frac{9}{32}$	.28123	11.61	1	1.	41.23

JONES & LAUGHLIN STEEL CORPORATION

Decimals of an Inch for Each 1/64th Inch

1/32nds	1/64ths	Decimal	Fraction	1/32nds	1/64ths	Decimal	Fraction
	1	.015625			33	.515625	
1	2	.03125		17	34	.53125	
	3	.046875			35	.546875	
2	4	.0625	1/16	18	36	.5625	9/16
	5	.078125			37	.578125	
3	6	.09375		19	38	.59375	
	7	.109375			39	.609375	
4	8	.125	1/8	20	40	.625	5/8
	9	.140625			41	.640625	
5	10	.15625		21	42	.65625	
	11	.171875			43	.671875	
6	12	.1875	3/16	22	44	.6875	11/16
	13	.203125			45	.703125	
7	14	.21875		23	46	.71875	
	15	.234375			47	.734375	
8	16	.250	1/4	24	48	.750	3/4
	17	.265625			49	.765625	
9	18	.28125		25	50	.78125	
	19	.296875			51	.796875	
10	20	.3125	5/16	26	52	.8125	13/16
	21	.328125			53	.828125	
11	22	.34375		27	54	.84375	
	23	.359375			55	.859375	
12	24	.375	3/8	28	56	.875	7/8
	25	.390625			57	.890625	
13	26	.40625		29	58	.90625	
	27	.421875			59	.921875	
14	28	.4375	7/16	30	60	.9375	15/16
	29	.453125			61	.953125	
15	30	.46875		31	62	.96875	
	31	.484375			63	.984375	
16	32	.500	1/2	32	64	1.000	1

JONES & LAUGHLIN STEEL CORPORATION

Decimals of a Foot for Each 1/64th Inch

Inch	0"	1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	11"
0	.0	.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167
1/64	.0013	.0846	.1680	.2513	.3346	.4180	.5013	.5846	.6680	.7513	.8346	.9180
1/32	.0026	.0859	.1693	.2526	.3359	.4193	.5026	.5859	.6693	.7526	.8359	.9193
3/64	.0039	.0872	.1706	.2539	.3372	.4206	.5039	.5872	.6706	.7539	.8372	.9206
1/16	.0052	.0885	.1719	.2552	.3385	.4219	.5052	.5885	.6719	.7552	.8385	.9219
5/64	.0065	.0898	.1732	.2565	.3398	.4232	.5065	.5898	.6732	.7565	.8398	.9232
3/32	.0078	.0911	.1745	.2578	.3411	.4245	.5078	.5911	.6745	.7578	.8411	.9245
7/64	.0091	.0924	.1758	.2591	.3424	.4258	.5091	.5924	.6758	.7591	.8424	.9258
1/8	.0104	.0937	.1771	.2604	.3437	.4271	.5104	.5937	.6771	.7604	.8437	.9271
9/64	.0117	.0951	.1784	.2617	.3451	.4284	.5117	.5951	.6784	.7617	.8451	.9284
5/32	.0130	.0964	.1797	.2630	.3464	.4297	.5130	.5964	.6797	.7630	.8464	.9297
11/64	.0143	.0977	.1810	.2643	.3477	.4310	.5143	.5977	.6810	.7643	.8477	.9310
3/16	.0156	.0990	.1823	.2656	.3490	.4323	.5156	.5990	.6823	.7656	.8490	.9323
13/64	.0169	.1003	.1836	.2669	.3503	.4336	.5169	.6003	.6836	.7669	.8503	.9336
7/32	.0182	.1016	.1849	.2682	.3516	.4349	.5182	.6016	.6849	.7682	.8516	.9349
15/64	.0195	.1029	.1862	.2695	.3529	.4362	.5195	.6029	.6862	.7695	.8529	.9362
1/4	.0208	.1042	.1875	.2708	.3542	.4375	.5208	.6042	.6875	.7708	.8542	.9375
17/64	.0221	.1055	.1888	.2721	.3555	.4388	.5221	.6055	.6888	.7721	.8555	.9388
9/32	.0234	.1068	.1901	.2734	.3568	.4401	.5234	.6068	.6901	.7734	.8568	.9401
19/64	.0247	.1081	.1914	.2747	.3581	.4414	.5247	.6081	.6914	.7747	.8581	.9414
5/16	.0260	.1094	.1927	.2760	.3594	.4427	.5260	.6094	.6927	.7760	.8594	.9427
21/64	.0273	.1107	.1940	.2773	.3607	.4440	.5273	.6107	.6940	.7773	.8607	.9440
11/32	.0286	.1120	.1953	.2786	.3620	.4453	.5286	.6120	.6953	.7786	.8620	.9453
23/64	.0299	.1133	.1966	.2799	.3633	.4466	.5299	.6133	.6966	.7799	.8633	.9466
3/8	.0312	.1146	.1979	.2812	.3646	.4479	.5312	.6146	.6979	.7812	.8646	.9479
25/64	.0326	.1159	.1992	.2826	.3659	.4492	.5326	.6159	.6992	.7826	.8659	.9492
13/32	.0339	.1172	.2005	.2839	.3672	.4505	.5339	.6172	.7005	.7839	.8672	.9505
27/64	.0352	.1185	.2018	.2852	.3685	.4518	.5352	.6185	.7018	.7852	.8685	.9518
7/16	.0365	.1198	.2031	.2865	.3698	.4531	.5365	.6198	.7031	.7865	.8698	.9531
29/64	.0378	.1211	.2044	.2878	.3711	.4544	.5378	.6211	.7044	.7878	.8711	.9544
15/32	.0391	.1224	.2057	.2891	.3724	.4557	.5391	.6224	.7057	.7891	.8724	.9557
31/64	.0404	.1237	.2070	.2904	.3737	.4570	.5404	.6237	.7070	.7904	.8737	.9570
1/2	.0417	.1250	.2083	.2917	.3750	.4583	.5417	.6250	.7083	.7917	.8750	.9583

JONES & LAUGHLIN STEEL CORPORATION

Decimals of a Foot for Each 1/64th Inch

Inch	0"	1"	2"	3"	4"	5"	6"	7"	8"	9"	10"	11"
1/2	.0417	.1250	.2083	.2917	.3750	.4583	.5417	.6250	.7083	.7917	.8750	.9583
33/64	.0430	.1263	.2096	.2930	.3763	.4596	.5430	.6263	.7096	.7930	.8763	.9596
17/32	.0443	.1276	.2109	.2943	.3776	.4609	.5443	.6276	.7109	.7943	.8776	.9609
35/64	.0456	.1289	.2122	.2956	.3789	.4622	.5456	.6289	.7122	.7956	.8789	.9622
9/16	.0469	.1302	.2135	.2969	.3802	.4635	.5469	.6302	.7135	.7969	.8802	.9635
37/64	.0482	.1315	.2148	.2982	.3815	.4648	.5482	.6315	.7148	.7982	.8815	.9648
19/32	.0495	.1328	.2161	.2995	.3828	.4661	.5495	.6328	.7161	.7995	.8828	.9661
39/64	.0508	.1341	.2174	.3008	.3841	.4674	.5508	.6341	.7174	.8008	.8841	.9674
5/8	.0521	.1354	.2188	.3021	.3854	.4688	.5521	.6354	.7188	.8021	.8854	.9688
41/64	.0534	.1367	.2201	.3034	.3867	.4701	.5534	.6367	.7201	.8034	.8867	.9701
21/32	.0547	.1380	.2214	.3047	.3880	.4714	.5547	.6380	.7214	.8047	.8880	.9714
43/64	.0560	.1393	.2227	.3060	.3893	.4727	.5560	.6393	.7227	.8060	.8893	.9727
11/16	.0573	.1406	.2240	.3073	.3906	.4740	.5573	.6406	.7240	.8073	.8906	.9740
45/64	.0586	.1419	.2253	.3086	.3919	.4753	.5586	.6419	.7253	.8086	.8919	.9753
23/32	.0599	.1432	.2266	.3099	.3932	.4766	.5599	.6432	.7266	.8099	.8932	.9766
47/64	.0612	.1445	.2279	.3112	.3945	.4779	.5612	.6445	.7279	.8112	.8945	.9779
3/4	.0625	.1458	.2292	.3125	.3958	.4792	.5625	.6458	.7292	.8125	.8958	.9792
49/64	.0638	.1471	.2305	.3138	.3971	.4805	.5638	.6471	.7305	.8138	.8971	.9805
25/32	.0651	.1484	.2318	.3151	.3984	.4818	.5651	.6484	.7318	.8151	.8984	.9818
51/64	.0664	.1497	.2331	.3164	.3997	.4831	.5664	.6497	.7331	.8164	.8997	.9831
13/16	.0677	.1510	.2344	.3177	.4010	.4844	.5677	.6510	.7344	.8177	.9010	.9844
53/64	.0690	.1523	.2357	.3190	.4023	.4857	.5690	.6523	.7357	.8190	.9023	.9857
27/32	.0703	.1536	.2370	.3203	.4036	.4870	.5703	.6536	.7370	.8203	.9036	.9870
55/64	.0716	.1549	.2383	.3216	.4049	.4883	.5716	.6549	.7383	.8216	.9049	.9883
7/8	.0729	.1562	.2396	.3229	.4062	.4896	.5729	.6562	.7396	.8229	.9062	.9896
57/64	.0742	.1576	.2409	.3242	.4076	.4909	.5742	.6576	.7409	.8242	.9076	.9909
29/32	.0755	.1589	.2422	.3255	.4089	.4922	.5755	.6589	.7422	.8255	.9089	.9922
59/64	.0768	.1602	.2435	.3268	.4102	.4935	.5768	.6602	.7435	.8268	.9102	.9935
15/16	.0781	.1615	.2448	.3281	.4115	.4948	.5781	.6615	.7448	.8281	.9115	.9948
61/64	.0794	.1628	.2461	.3294	.4128	.4961	.5794	.6628	.7461	.8294	.9128	.9961
31/32	.0807	.1641	.2474	.3307	.4141	.4974	.5807	.6641	.7474	.8307	.9141	.9974
63/64	.0820	.1654	.2487	.3320	.4154	.4987	.5820	.6654	.7487	.8320	.9154	.9987
1												1.0000

JONES & LAUGHLIN STEEL CORPORATION

Comparison of Gauges
In Decimal Parts of an Inch

Gauge Number	J & L Gauge	Birmingham Wire (B.W.G.) also known as Stubs Iron Wire	American Wire or Brown & Sharpe	British Imperial Standard Wire (S. W. G.)	Standard Birmingham Sheet and Hoop (B. G.)	United States Standard for Sheet and Plate Iron and Steel
0000000	.4900	.....	.....	.500	.....	.500
000000	.4615	.....	.580000	.464	.....	.46875
00000	.4305	.500	.516500	.432	.....	.4375
0000	.3938	.454	.460000	.400	.....	.40625
000	.3625	.425	.409642	.372	.5000	.375
00	.3310	.380	.364796	.348	.4452	.34375
0	.3065	.340	.324861	.324	.3964	.3125
1	.2830	.300	.289297	.300	.3532	.28125
2	.2625	.284	.257627	.276	.3147	.265625
3	.2437	.259	.229423	.252	.2804	.25
4	.2253	.238	.204307	.232	.2500	.234375
5	.2070	.220	.181940	.212	.2225	.21875
6	.1920	.203	.162023	.192	.1981	.203125
7	.1770	.180	.144285	.176	.1764	.1875
8	.1620	.165	.128490	.160	.1570	.171875
9	.1483	.148	.114423	.144	.1398	.15625
10	.1350	.134	.101897	.128	.1250	.140625
11	.1205	.120	.090742	.116	.1113	.125
12	.1055	.109	.080808	.104	.0991	.109375
13	.0915	.095	.071962	.092	.0882	.09375
14	.0800	.083	.064084	.080	.0785	.078125
15	.0720	.072	.057068	.072	.0699	.0703125
16	.0625	.065	.050821	.064	.0625	.0625
17	.0540	.058	.045257	.056	.0556	.05625
18	.0475	.049	.040303	.048	.0495	.05
19	.0410	.042	.035890	.040	.0440	.04375
20	.0348	.035	.031961	.036	.0392	.0375
21	.03175	.032	.028462	.032	.0349	.034375
22	.0286	.028	.025346	.028	.03125	.03125
23	.0258	.025	.022572	.024	.02782	.028125
24	.0230	.022	.020101	.022	.02476	.025
25	.0204	.020	.017900	.020	.02204	.021875
26	.0181	.018	.015941	.018	.01961	.01875
27	.0173	.016	.014195	.0164	.01745	.0171875
28	.0162	.014	.012641	.0148	.015625	.015625
29	.0150	.013	.011257	.0136	.0139	.0140625
30	.0140	.012	.010025	.0124	.0123	.0125
31	.0132	.010	.008928	.0116	.0110	.0109375
32	.0128	.009	.007950	.0108	.0098	.01015625
33	.0118	.008	.007080	.0100	.0087	.009375
34	.0104	.007	.006305	.0092	.0077	.00859375
35	.0095	.005	.005615	.0084	.0069	.0078125
36	.0090	.004	.005000	.0076	.0061	.00703125
37	.0085	.....	.004453	.0068	.0054	.006640625
38	.0080	.....	.003965	.0060	.0048	.00625
39	.0075	.....	.003531	.0052	.....	.....
40	.0070	.....	.003144	.0048	.....	.....

Birmingham Wire Gauge is used for No. 8, No. 9 and No. 10 sheared plates; also bands and hoops.

United States Standard Gauge is used for No. 11 sheared plates; also for Black Plates (Tin mill sizes). Tin plate is rolled to weight per base box.

J & L Gauge, which corresponds to Washburn & Moen Gauge, is used for all common wire products, unless otherwise specified.

Since the use of numbers to express thickness or size leads to confusion, decimal parts of an inch should be employed when fractions can not be used conveniently.

JONES & LAUGHLIN STEEL CORPORATION

United States Standard Gauge for Sheet and Plate Iron and Steel

Number of Gauge	Approximate Thickness in Fractions of an Inch	Approximate Thickness in Decimal Parts of an Inch	Approximate Thickness in Millimeters	Weight per Square Foot in Pounds Avoirdupois, Iron	Weight per Square Foot in Pounds Avoirdupois, Steel	Weight per Square Meter in Kilograms, Steel
0000000	$\frac{1}{8}$	.5	12.70	20.	20.4	99.601
000000	$\frac{1}{4}$	.46875	11.91	18.75	19.125	93.376
00000	$\frac{3}{16}$	.4375	11.11	17.50	17.85	87.151
0000	$\frac{1}{2}$	.40625	10.32	16.25	16.575	80.926
000	$\frac{5}{16}$	.375	9.53	15.	15.3	74.701
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	52.913
3	$\frac{7}{8}$	.25	6.35	10.	10.2	49.800
4	$\frac{1}{2}$	.234375	5.95	9.375	9.5625	46.688
5	$\frac{1}{2}$	.21875	5.56	8.75	8.925	43.575
6	$\frac{1}{2}$	.203125	5.16	8.125	8.2875	40.463
7	$\frac{1}{2}$	.1875	4.76	7.5	7.65	37.350
8	$\frac{1}{2}$	.171875	4.37	6.875	7.0125	34.238
9	$\frac{1}{2}$	.15625	3.97	6.25	6.375	31.125
10	$\frac{1}{2}$	.140625	3.57	5.625	5.7375	28.013
11	$\frac{1}{2}$	.125	3.18	5.	5.1	24.900
12	$\frac{1}{2}$	.109375	2.78	4.375	4.4625	21.788
13	$\frac{1}{2}$	.09375	2.38	3.75	3.825	18.675
14	$\frac{1}{2}$	.078125	1.98	3.125	3.1875	15.563
15	...	.0703125	1.79	2.8125	2.86875	14.006
16	$\frac{1}{2}$	.0625	1.59	2.5	2.55	12.450
17	...	.05625	1.43	2.25	2.295	11.205
18	...	.05	1.27	2.	2.04	9.960
19	...	.04375	1.11	1.75	1.785	8.715
20	...	.0375	.953	1.50	1.53	7.470
21	...	.034375	.873	1.375	1.4025	6.848
22	$\frac{1}{2}$	.03125	.794	1.25	1.275	6.225
23	...	.028125	.714	1.125	1.1475	5.603
24	...	.025	.635	1.	1.02	4.980
25	...	.021875	.556	.875	.8925	4.358
26	...	.01875	.476	.75	.765	3.735
27	...	.0171875	.437	.6875	.70125	3.424
28	$\frac{1}{2}$	.015625	.397	.625	.6375	3.113
29	...	.0140625	.357	.5625	.57375	2.801
30	...	.0125	.318	.5	.51	2.490
31	...	.0109375	.278	.4375	.44625	2.179
32	...	.01015625	.258	.40625	.414375	2.023
33	...	.009375	.238	.375	.3825	1.868
34	...	.00859375	.218	.34375	.350625	1.712
35	...	.0078125	.198	.3125	.31875	1.556
36	...	.00703125	.179	.28125	.286875	1.401
37	...	.006640625	.169	.265625	.2709375	1.323
38	...	.00625	.159	.25	.255	1.245

The United States Standard Gauge was legalized by Act of Congress March 3, 1893, as a standard gauge for Sheet and Plate Iron and Steel.

Since the use of numbers to express thickness or size leads to confusion, decimal parts of an inch should be employed where fractions can not be used conveniently.

JONES & LAUGHLIN STEEL CORPORATION

Birmingham Wire Gauge

Equivalents in Inches

Corresponding Weights of Flat Rolled Steel

Gauge Number	Thickness, Inches	Pounds per Square Foot	THICKNESS, INCHES		Pounds per Square Foot
			Fractional	Decimal	
.....	.....	.....	$\frac{1}{2}$	.5	20.4
0000	.454	18.5232	$\frac{15}{32}$	.46875	19.125
000	.425	17.34	$\frac{7}{16}$	.4375	17.85
.....	.....	.....	$\frac{15}{32}$	.40625	16.575
00	.380	15.504	$\frac{3}{8}$	.375	15.3
0	.340	13.872	$\frac{11}{32}$	.34375	14.025
.....	.....	.....	$\frac{5}{16}$	.3125	12.75
1	.300	12.24	$\frac{19}{64}$	.296875	12.1125
2	.284	11.5872	$\frac{9}{32}$	.28125	11.475
3	.259	10.5672	$\frac{17}{64}$	.265625	10.8375
.....	.....	.....	$\frac{1}{4}$	.25	10.2
4	.238	9.7104	$\frac{15}{64}$	.234375	9.5625
.....	.....	.....	$\frac{7}{32}$	.21875	8.925
5	.220	8.976	$\frac{13}{64}$	.203125	8.2875
6	.203	8.2824	$\frac{3}{16}$	.1875	7.65
7	.180	7.344	$\frac{11}{64}$	.171875	7.0125
8	.165	6.732	.....	.....	.....
.....	.....	.....	$\frac{5}{32}$	.15625	6.375
9	.148	6.0384	$\frac{9}{64}$	.140625	5.7375
10	.134	5.4672	$\frac{1}{8}$	.125	5.1
11	.120	4.896	$\frac{7}{64}$	.109375	4.4625
12	.109	4.4472	.....	.....	.....
.....	.....	.....	$\frac{3}{32}$	.09375	3.825
13	.095	3.876	$\frac{5}{64}$	.078125	3.1875
14	.083	3.3864	.....	.....	.....
15	.072	2.9376	$\frac{1}{16}$	.0625	2.55
16	.065	2.651	.....	.....	.....
.....	.....	.....	$\frac{3}{64}$	.046875	1.9125
17	.058	2.3664	.....	.....	.....
18	.049	1.9992	.....	.....	.....
19	.042	1.7136	.....	.....	.....
20	.035	1.428	.....	.....	.....
.....	.....	.....	$\frac{1}{32}$	.03125	1.275
21	.032	1.3056	.....	.....	.....
22	.028	1.1424	.....	.....	.....
23	.025	1.02	.....	.....	.....
24	.022	0.8976	.....	.....	.....
.....
25	.020	0.816	.....	.....	.....
26	.018	0.7344	.....	.....	.....
27	.016	0.6528	$\frac{1}{64}$	.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	$\frac{1}{32}$	.0078125	0.31875
34	.007	0.2856	.....	.....	.....
35	.005	0.2040	.....	.....	.....
36	.004	0.1632	$\frac{25}{64}$	.00390625	0.159375

JONES & LAUGHLIN STEEL CORPORATION

U. S. and Metric Equivalents

INCHES IN METERS

Inches	Meters	Inches	Meters	Inches	Meters
$\frac{1}{64}$	.000396785	$\frac{13}{32}$	.01031875	$\frac{51}{64}$	.020240625
$\frac{1}{32}$	.00079375	$\frac{27}{64}$	.010715625	$\frac{13}{16}$	.0206375
$\frac{3}{64}$	.001190625	$\frac{7}{16}$	.0111125	$\frac{33}{64}$	.021034375
$\frac{1}{16}$	.0015875	$\frac{29}{64}$	.011509375	$\frac{27}{32}$	.02143125
$\frac{5}{64}$	.001984375	$\frac{15}{32}$	.01190625	$\frac{55}{64}$	.021828125
$\frac{3}{32}$	.00238125	$\frac{31}{64}$	.012303125	$\frac{7}{8}$	.022225
$\frac{7}{64}$	.002778125	$\frac{1}{2}$	.0127	$\frac{37}{64}$	.022621875
$\frac{1}{8}$	.003175	$\frac{33}{64}$	.013096875	$\frac{29}{32}$	.02301875
$\frac{9}{64}$	.003571875	$\frac{17}{32}$	.01349375	$\frac{59}{64}$	.023415625
$\frac{5}{32}$	.00396875	$\frac{35}{64}$	.013890625	$\frac{15}{16}$	.0238125
$\frac{11}{64}$	.004365625	$\frac{9}{16}$	.0142875	$\frac{61}{64}$	.024209375
$\frac{3}{16}$	.0047625	$\frac{37}{64}$	.014684375	$\frac{31}{32}$	.02460625
$\frac{13}{64}$	.005159375	$\frac{19}{32}$	.01508125	$\frac{63}{64}$	.025003125
$\frac{7}{32}$	.00555625	$\frac{39}{64}$	.015478125		
$\frac{15}{64}$	.005953125	$\frac{5}{8}$	.015875		
$\frac{1}{4}$	.00635	$\frac{41}{64}$	.016271875		
$\frac{17}{64}$	.006746875	$\frac{21}{32}$	.01666875		
$\frac{9}{32}$	.00714375	$\frac{43}{64}$	.017065625		
$\frac{19}{64}$	.007540625	$\frac{11}{16}$	.0174625		
$\frac{5}{16}$	.0079375	$\frac{45}{64}$	.017859375		
$\frac{21}{64}$	.008334375	$\frac{23}{32}$	.01825625		
$\frac{11}{32}$	.00873125	$\frac{47}{64}$	.018653125		
$\frac{25}{64}$	.009128125	$\frac{3}{4}$	.01905		
$\frac{3}{8}$	.009525	$\frac{49}{64}$	.019446875		
$\frac{25}{64}$	.009921875	$\frac{25}{32}$	.01984375		

U. S. and Metric Equivalents

INCHES IN METERS

Inches	Meters	Inches	Meters	Inches	Meters	Inches	Meters
1	.0254	26	.6604	51	1.2954	76	1.9304
2	.0508	27	.6858	52	1.3208	77	1.9558
3	.0762	28	.7112	53	1.3462	78	1.9812
4	.1016	29	.7366	54	1.3716	79	2.0066
5	.127	30	.762	55	1.397	80	2.032
6	.1524	31	.7874	56	1.4224	81	2.0574
7	.1778	32	.8128	57	1.4478	82	2.0828
8	.2032	33	.8382	58	1.4732	83	2.1082
9	.2286	34	.8636	59	1.4986	84	2.1336
10	.254	35	.889	60	1.524	85	2.159
11	.2794	36	.9144	61	1.5494	86	2.1844
12	.3048	37	.9398	62	1.5748	87	2.2098
13	.3302	38	.9652	63	1.6002	88	2.2352
14	.3556	39	.9906	64	1.6256	89	2.2606
15	.381	40	1.016	65	1.651	90	2.286
16	.4064	41	1.0414	66	1.6764	91	2.3114
17	.4318	42	1.0668	67	1.7018	92	2.3368
18	.4572	43	1.0922	68	1.7272	93	2.3622
19	.4826	44	1.1176	69	1.7526	94	2.3876
20	.508	45	1.143	70	1.778	95	2.413
21	.5334	46	1.1684	71	1.8034	96	2.4384
22	.5588	47	1.1938	72	1.8288	97	2.4638
23	.5842	48	1.2192	73	1.8542	98	2.4892
24	.6096	49	1.2446	74	1.8796	99	2.5146
25	.635	50	1.27	75	1.905	100	2.540

U. S. and Metric Equivalents

MILLIMETERS IN INCHES

mm.	Inches	mm.	Inches	mm.	Inches	mm.	Inches
1	0.0394	26	1.0236	51	2.008	76	2.992
2	0.0788	27	1.063	52	2.047	77	3.0314
3	0.1182	28	1.102	53	2.0865	78	3.0708
4	0.1575	29	1.141	54	2.126	79	3.11
5	0.197	30	1.181	55	2.165	80	3.1496
6	0.2363	31	1.22	56	2.2046	81	3.189
7	0.2756	32	1.26	57	2.244	82	3.2283
8	0.315	33	1.30	58	2.283	83	3.2677
9	0.3543	34	1.338	59	2.3227	84	3.307
10	0.3937	35	1.3778	60	2.362	85	3.3464
11	0.433	36	1.417	61	2.401	86	3.3858
12	0.4724	37	1.4565	62	2.441	87	3.4252
13	0.512	38	1.496	63	2.48	88	3.4645
14	0.551	39	1.535	64	2.52	89	3.504
15	0.59	40	1.575	65	2.559	90	3.5433
16	0.63	41	1.614	66	2.598	91	3.5826
17	0.669	42	1.653	67	2.6378	92	3.622
18	0.7086	43	1.6928	68	2.677	93	3.6614
19	0.748	44	1.732	69	2.7165	94	3.7007
20	0.7874	45	1.7715	70	2.7559	95	3.74
21	0.8267	46	1.811	71	2.7952	96	3.779
22	0.866	47	1.85	72	2.8346	97	3.819
23	0.9055	48	1.89	73	2.874	98	3.858
24	0.945	49	1.929	74	2.9134	99	3.8976
25	0.984	50	1.968	75	2.9527	100	3.937

JONES & LAUGHLIN STEEL CORPORATION

U. S. and Metric Equivalents

MILES IN KILOMETERS

Miles	Kilometers	Miles	Kilometers	Miles	Kilometers	Miles	Kilometers
1	1.609321	26	41.842346	51	82.075371	76	122.308396
2	3.218642	27	43.451667	52	83.684692	77	123.917717
3	4.827963	28	45.060988	53	85.294013	78	125.527038
4	6.437284	29	46.670309	54	86.903334	79	127.136359
5	8.046605	30	48.27963	55	88.512655	80	128.74568
6	9.655926	31	49.888951	56	90.121976	81	130.355001
7	11.265247	32	51.498272	57	91.731297	82	131.964322
8	12.874568	33	53.107593	58	93.340618	83	133.573643
9	14.483889	34	54.716914	59	94.949939	84	135.182964
10	16.09321	35	56.326235	60	96.55926	85	136.792285
11	17.702531	36	57.935556	61	98.168581	86	138.401606
12	19.311852	37	59.544877	62	99.777902	87	140.010927
13	20.921173	38	61.154198	63	101.387223	88	141.620248
14	22.530494	39	62.763519	64	102.996544	89	143.229569
15	24.139815	40	64.37284	65	104.605865	90	144.83889
16	25.749136	41	65.982161	66	106.215186	91	146.448211
17	27.358457	42	67.591482	67	107.824507	92	148.057532
18	28.967778	43	69.200803	68	109.433828	93	149.666853
19	30.577099	44	70.810124	69	111.043149	94	151.276174
20	32.18642	45	72.419445	70	112.65247	95	152.885495
21	33.795741	46	74.028766	71	114.261791	96	154.494816
22	35.405062	47	75.638087	72	115.871112	97	156.104137
23	37.014383	48	77.247408	73	117.480433	98	157.713458
24	38.623704	49	78.856729	74	119.089754	99	159.322779
25	40.233025	50	80.46605	75	120.699075	100	160.9321

JONES & LAUGHLIN STEEL CORPORATION

U. S. and Metric Equivalents

FEET IN METERS

Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
1	.3048	26	7.9248	51	15.5448	76	23.1648
2	.6096	27	8.2296	52	15.8496	77	23.4696
3	.9144	28	8.5344	53	16.1544	78	23.7744
4	1.2192	29	8.8392	54	16.4592	79	24.0792
5	1.524	30	9.144	55	16.764	80	24.384
6	1.8288	31	9.4488	56	17.0688	81	24.6888
7	2.1336	32	9.7536	57	17.3736	82	24.9936
8	2.4384	33	10.0584	58	17.6784	83	25.2984
9	2.7432	34	10.3632	59	17.9832	84	25.6032
10	3.048	35	10.668	60	18.288	85	25.908
11	3.3528	36	10.9728	61	18.5928	86	26.2128
12	3.6576	37	11.2776	62	18.8976	87	26.5176
13	3.9624	38	11.5824	63	19.2024	88	26.8224
14	4.2672	39	11.8872	64	19.5072	89	27.1272
15	4.572	40	12.192	65	19.812	90	27.432
16	4.8768	41	12.4968	66	20.1168	91	27.7368
17	5.1816	42	12.8016	67	20.4216	92	28.0416
18	5.4864	43	13.1064	68	20.7264	93	28.3464
19	5.7912	44	13.4112	69	21.0312	94	28.6512
20	6.096	45	13.716	70	21.336	95	28.956
21	6.4008	46	14.0208	71	21.6408	96	29.2608
22	6.7056	47	14.3256	72	21.9456	97	29.5656
23	7.0104	48	14.6304	73	22.2504	98	29.8704
24	7.3152	49	14.9352	74	22.5552	99	30.1752
25	7.62	50	15.24	75	22.86	100	30.48

JONES & LAUGHLIN STEEL CORPORATION

U. S. and Metric Equivalents

METERS IN FEET

Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet
1	3.2809	26	85.3034	51	167.3258	76	249.3483
2	6.5618	27	88.5843	52	170.6067	77	252.6292
3	9.8427	28	91.8652	53	173.8876	78	255.9101
4	13.1236	29	95.1461	54	177.1685	79	259.191
5	16.4045	30	98.427	55	180.4494	80	262.4719
6	19.6854	31	101.7079	56	183.7303	81	265.7528
7	22.9663	32	104.9888	57	187.0112	82	269.0337
8	26.2472	33	108.2697	58	190.2921	83	272.3146
9	29.5281	34	111.5506	59	193.573	84	275.5955
10	32.809	35	114.8315	60	196.8539	85	278.8764
11	36.0899	36	118.1124	61	200.1348	86	282.1573
12	39.3708	37	121.3933	62	203.4157	87	285.4382
13	42.6517	38	124.6742	63	206.6966	88	288.7191
14	45.9326	39	127.9551	64	209.9775	89	292.
15	49.2135	40	131.236	65	213.2584	90	295.2809
16	52.4944	41	134.5169	66	216.5393	91	298.5618
17	55.7753	42	137.7978	67	219.8202	92	301.8427
18	59.0562	43	141.0787	68	223.1011	93	305.1236
19	62.3371	44	144.3596	69	226.382	94	308.4045
20	65.618	45	147.6405	70	229.6629	95	311.6854
21	68.8989	46	150.9214	71	232.9438	93	314.9663
22	72.1798	47	154.2023	72	236.2247	97	318.2472
23	75.4607	48	157.4832	73	239.5056	98	321.5281
24	78.7416	49	160.7641	74	242.7865	99	324.809
25	82.0225	50	164.045	75	246.0674	100	328.0899

JONES & LAUGHLIN STEEL CORPORATION

U. S. and Metric Equivalents

SQUARE FEET IN SQUARE METERS

Square Feet	Square Meters	Square Feet	Square Meters	Square Feet	Square Meters	Square Feet	Square Meters
1	.0929	26	2.4154	51	4.7379	76	7.0604
2	.1858	27	2.5083	52	4.8308	77	7.1533
3	.2787	28	2.6012	53	4.9237	78	7.2462
4	.3716	29	2.6941	54	5.0166	79	7.3391
5	.4645	30	2.787	55	5.1095	80	7.432
6	.5574	31	2.8799	56	5.2024	81	7.5249
7	.6503	32	2.9728	57	5.2953	82	7.6178
8	.7432	33	3.0657	58	5.3882	83	7.7107
9	.8361	34	3.1586	59	5.4811	84	7.8036
10	.929	35	3.2515	60	5.574	85	7.8965
11	1.0219	36	3.3444	61	5.6669	86	7.9894
12	1.1148	37	3.4373	62	5.7598	87	8.0823
13	1.2077	38	3.5302	63	5.8527	88	8.1752
14	1.3006	39	3.6231	64	5.9456	89	8.2681
15	1.3935	40	3.716	65	6.0385	90	8.361
16	1.4864	41	3.8089	66	6.1314	91	8.4539
17	1.5793	42	3.9018	67	6.2243	92	8.5468
18	1.6722	43	3.9947	68	6.3172	93	8.6397
19	1.7651	44	4.0876	69	6.4101	94	8.7326
20	1.858	45	4.1805	70	6.503	95	8.8255
21	1.9509	46	4.2734	71	6.5959	96	8.9184
22	2.0438	47	4.3663	72	6.6888	97	9.0113
23	2.1367	48	4.4592	73	6.7817	98	9.1042
24	2.2296	49	4.5521	74	6.8746	99	9.1971
25	2.3225	50	4.645	75	6.9675	100	9.29

JONES & LAUGHLIN STEEL CORPORATION

U. S. and Metric Equivalents

SQUARE METERS IN SQUARE FEET

Square Meters	Square Feet	Square Meters	Square Feet	Square Meters	Square Feet	Square Meters	Square Feet
1	10.764	26	279.872	51	548.979	76	818.087
2	21.528	27	290.636	52	559.744	77	828.851
3	32.293	28	301.40	53	570.508	78	839.615
4	43.057	29	312.165	54	581.272	79	850.38
5	53.821	30	322.929	55	592.036	80	861.144
6	64.586	31	333.693	56	602.8	81	871.908
7	75.35	32	344.458	57	613.565	82	882.673
8	86.114	33	355.222	58	624.329	83	893.437
9	96.879	34	365.986	59	635.094	84	904.207
10	107.643	35	376.75	60	645.858	85	914.965
11	118.407	36	387.515	61	656.622	86	925.73
12	129.172	37	398.279	62	667.387	87	936.494
13	139.936	38	409.043	63	678.151	88	947.258
14	150.7	39	419.808	64	688.915	89	958.023
15	161.464	40	430.572	65	699.679	90	968.787
16	172.229	41	441.336	66	710.444	91	979.551
17	182.993	42	452.10	67	721.208	92	990.316
18	193.757	43	462.865	68	731.971	93	1001.08
19	204.522	44	473.629	69	742.736	94	1011.844
20	215.286	45	484.393	70	753.501	95	1022.608
21	226.05	46	495.158	71	764.265	96	1033.373
22	236.815	47	505.922	72	775.03	97	1044.137
23	247.579	48	516.686	73	785.794	98	1054.901
24	258.343	49	527.45	74	796.558	99	1065.666
25	269.107	50	538.215	75	807.322	100	1076.43

JONES & LAUGHLIN STEEL CORPORATION

U. S. and Metric Equivalents

KILOGRAMS PER SQUARE CENTIMETER IN
POUNDS PER SQUARE INCH

Kgs. per Sq. cm.	Lbs. per Sq. In.	Kgs. per Sq. cm.	Lbs. per Sq. In.	Kgs. per Sq. cm.	Lbs. per Sq. In.	Kgs. per Sq. cm.	Lbs. per Sq. In.
1.	14.223	3.6	51.203	6.2	88.183	8.8	125.162
1.1	15.645	3.7	52.625	6.3	89.605	8.9	126.585
1.2	17.068	3.8	54.047	6.4	91.027	9	128.007
1.3	18.490	3.9	55.470	6.5	92.450	9.1	129.429
1.4	19.912	4	56.892	6.6	93.872	9.2	130.852
1.5	21.335	4.1	58.314	6.7	95.294	9.3	132.274
1.6	22.757	4.2	59.737	6.8	96.716	9.4	133.696
1.7	24.179	4.3	61.159	6.9	98.139	9.5	135.119
1.8	25.601	4.4	62.581	7	99.561	9.6	136.541
1.9	27.024	4.5	64.004	7.1	100.983	9.7	137.963
2	28.446	4.6	65.426	7.2	102.406	9.8	139.385
2.1	29.868	4.7	67.848	7.3	103.828	9.9	140.808
2.2	31.291	4.8	68.270	7.4	105.250	10	142.230
2.3	32.713	4.9	69.693	7.5	106.673	10.1	143.652
2.4	34.135	5	71.115	7.6	108.095	10.2	145.074
2.5	35.558	5.1	72.537	7.7	109.517	10.3	146.497
2.6	36.980	5.2	73.960	7.8	110.939	10.4	147.919
2.7	38.402	5.3	75.382	7.9	112.362	10.5	149.341
2.8	39.824	5.4	76.804	8	113.784	10.6	150.764
2.9	41.247	5.5	78.227	8.1	115.206	10.7	152.186
3	42.669	5.6	79.649	8.2	116.629	10.8	153.608
3.1	44.091	5.7	81.071	8.3	118.051	10.9	155.030
3.2	45.514	5.8	82.493	8.4	119.473	11	156.453
3.3	46.936	5.9	83.916	8.5	120.896	11.1	157.875
3.4	48.358	6	85.338	8.6	122.318	11.2	159.297
3.5	49.781	6.1	86.760	8.7	123.740	11.3	160.720

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U. S. and Metric Equivalents

POUNDS PER SQUARE INCH IN KILOGRAMS
PER SQUARE CENTIMETER

Lbs. per Sq. In.	Kgs. per Sq. cm.	Lbs. per Sq. In.	Kgs. per Sq. cm.	Lbs. per Sq. In.	Kgs. per Sq. cm.	Lbs. per Sq. In.	Kgs. per Sq. cm.
1	.0703	26	1.828	51	3.5857	76	5.3434
2	.1406	27	1.8983	52	3.656	77	5.4138
3	.2109	28	1.9686	53	3.7263	78	5.4841
4	.2812	29	2.0389	54	3.7966	79	5.5544
5	.3515	30	2.1092	55	3.8669	80	5.6247
6	.4218	31	2.1795	56	3.9373	81	5.695
7	.4921	32	2.2498	57	4.0076	82	5.7653
8	.5624	33	2.3202	58	4.0779	83	5.8356
9	.6327	34	2.3905	59	4.1482	84	5.9059
10	.70309	35	2.4608	60	4.2185	85	5.9762
11	.7734	36	2.5311	61	4.2888	86	6.0465
12	.8437	37	2.6014	62	4.3591	87	6.1168
13	.9140	38	2.6717	63	4.4294	88	6.1872
14	.9843	39	2.7420	64	4.4997	89	6.2575
15	1.0546	40	2.8123	65	4.5700	90	6.3278
16	1.1249	41	2.8826	66	4.6404	91	6.3981
17	1.1952	42	2.9529	67	4.7107	92	6.4684
18	1.2655	43	3.0232	68	4.781	93	6.5387
19	1.3358	44	3.0936	69	4.8513	94	6.609
20	1.4062	45	3.1639	70	4.9216	95	6.6793
21	1.4765	46	3.2342	71	4.9919	96	6.7496
22	1.5468	47	3.3045	72	5.0622	97	6.8199
23	1.6171	48	3.3748	73	5.1325	98	6.8902
24	1.6874	49	3.4451	74	5.2028	99	6.9606
25	1.7577	50	3.5154	75	5.2731	100	7.0309

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U. S. and Metric Equivalents

POUNDS IN KILOGRAMS

Lbs.	Kgs.	Lbs.	Kgs.	Lbs.	Kgs.	Lbs.	Kgs.
1	.453593	26	11.793418	51	23.133243	76	34.473068
2	.907186	27	12.247011	52	23.586836	77	34.926661
3	1.360779	28	12.700604	53	24.040429	78	35.380254
4	1.814372	29	13.154197	54	24.494022	79	35.833847
5	2.267965	30	13.60779	55	24.947615	80	36.28744
6	2.721558	31	14.061383	56	25.401208	81	36.741033
7	3.175151	32	14.514976	57	25.854801	82	37.194626
8	3.628744	33	14.968569	58	26.308394	83	37.648219
9	4.082337	34	15.422162	59	26.761987	84	38.101812
10	4.53593	35	15.875755	60	27.21558	85	38.555405
11	4.989523	36	16.329348	61	27.669173	86	39.008998
12	5.443116	37	16.782941	62	28.122766	87	39.462591
13	5.896709	38	17.236534	63	28.576359	88	39.916184
14	6.350302	39	17.690127	64	29.029952	89	40.369777
15	6.803895	40	18.14372	65	29.483545	90	40.82337
16	7.257488	41	18.597313	66	29.937138	91	41.276963
17	7.711081	42	19.050906	67	30.390731	92	41.730556
18	8.164674	43	19.504499	68	30.844324	93	42.184149
19	8.618267	44	19.958092	69	31.297917	94	42.637742
20	9.07186	45	20.411685	70	31.75151	95	43.091335
21	9.525453	46	20.865278	71	32.205103	96	43.544928
22	9.979046	47	21.318871	72	32.658696	97	43.998521
23	10.432639	48	21.772464	73	33.112289	98	44.452114
24	10.886232	49	22.226057	74	33.565882	99	44.905707
25	11.339825	50	22.67965	75	34.019475	100	45.3593

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U. S. and Metric Equivalents

KILOGRAMS IN POUNDS

Kgs.	Lbs.	Kgs.	Lbs.	Kgs.	Lbs.	Kgs.	Lbs.
1	2.205	26	57.320	51	112.435	76	167.550
2	4.409	27	59.524	52	114.639	77	169.754
3	6.614	28	61.729	53	116.844	78	171.959
4	8.818	29	63.933	54	119.048	79	174.163
5	11.023	30	66.138	55	121.253	80	176.368
6	13.228	31	68.343	56	123.458	81	178.573
7	15.432	32	70.547	57	125.662	82	180.777
8	17.637	33	72.752	58	127.867	83	182.982
9	19.841	34	74.956	59	130.071	84	185.186
10	22.046	35	77.161	60	132.276	85	187.391
11	24.251	36	79.366	61	134.481	86	189.596
12	26.455	37	81.570	62	136.685	87	191.800
13	28.660	38	83.775	63	138.890	88	194.005
14	30.864	39	85.979	64	141.094	89	196.209
15	33.069	40	88.184	65	143.299	90	198.414
16	35.274	41	90.389	66	145.504	91	200.619
17	37.478	42	92.593	67	147.708	92	202.823
18	39.683	43	94.798	68	149.913	93	205.028
19	41.887	44	97.002	69	152.117	94	207.232
20	44.092	45	99.207	70	154.322	95	209.437
21	46.297	46	101.412	71	156.527	96	211.642
22	48.501	47	103.616	72	158.731	97	213.846
23	50.706	48	105.821	73	160.936	98	216.051
24	52.910	49	108.025	74	163.140	99	218.255
25	55.115	50	110.230	75	165.345	100	220.460

Manufacturers' Standard Specifications for Structural and Boiler Steel

AS REVISED NOVEMBER 24, 1922

Structural Steel

Classes

1. These specifications cover three classes of structural steel, namely:

Class A steel, to be used for railway bridges, ships, cars, and similar structures.

Class B steel, to be used for buildings, highway bridges, train sheds, and similar structures.

Class C steel, to be used for structural rivets.

Process

2. (a) Steel for Classes A and C shall be made by the open-hearth process. Steel for Class B may be made by either or by both the open-hearth or Bessemer processes, except as specified in paragraph (b).

(b) Steel for Class B plates and angles over $\frac{3}{4}$ in. in thickness which are to be punched, shall be made by the open-hearth process.

Chemical Composition

3. The steel shall conform to the following requirements as to chemical composition:

Elements Considered	Class A Steel	Class B Steel	Class C Steel
Phosphorus, max., per cent:			
Basic open-hearth.....	0.04	0.06	0.04
Acid open-hearth.....	0.06	0.08	0.04
Bessemer.....	.....	0.11	.....
Sulphur, max., per cent.....	0.06	....	0.05

Ladle Analysis

4. An analysis of each melt of steel shall be made by the manufacturer to determine the percentages of the elements specified in section 3. This analysis shall be made from a test ingot taken during the pouring of the melt. The chemical composition thus determined shall conform to the requirements specified in section 3, and shall be reported to the purchaser or his representative, if requested.

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Check Analyses

5. Analyses may be made by the purchaser from finished material representing each melt of Class A or Class C steel. The phosphorus and sulphur content thus determined shall not exceed that specified in section 3 by more than 25 per cent.

Tension Tests

6. The steel shall conform to the following requirements as to tensile properties:

Properties Considered	Class A Steel	Class B Steel	Class C Steel
Tensile strength, lb. per sq. in...	55,000-65,000	55,000-65,000*	46,000-56,000
Yield point, minimum, lb. per sq in.....	0.5 tens. str.	0.5 tens. str.	0.5 tens. str.
Elongation in 8 in., min., per cent.....	1,400,000† tens. str.	1,400,000† tens. str.	1,400,000 tens. str.
Elongation in 2 in., min., per cent.....	22	22	

*See section 8 (a). †See section 9.

Yield Point.

7. The yield point shall be determined by the drop of the beam of the testing machine.

Modification in Tensile Strength.

8. (a) Class B steel may have tensile strength up to 70,000 lb. maximum, provided the elongation is not less than the percentage required for 65,000 lb. tensile strength.

(b) In order to meet the required minimum tensile strength of full-size annealed eyebars, the purchaser may specify the tensile strength to be obtained in specimen tests; the range shall not exceed 14,000 lb. per sq. in., and the maximum shall not exceed 74,000 lb. per sq. in. The material shall conform to the requirements as to physical properties other than that of tensile strength specified in sections 6, 9 (a) and 10 (b).

Modifications in Elongation

9. (a) For Class A and Class B steels over $\frac{3}{4}$ in. in thickness a deduction from the percentage of elongation in 8 in. specified in section 6 shall be made in the proportion of 1 for each increase of $\frac{1}{8}$ in. in thickness above $\frac{3}{4}$ in. to a minimum of 18 per cent.

(b) For Class A and Class B steels under $\frac{5}{16}$ in. in thickness a deduction from the percentage of elongation in 8 in. specified in section 6 shall be made in the proportion of 2.5 for each decrease of $\frac{1}{16}$ in. in thickness below $\frac{5}{16}$ in.

Bend Tests

10. (a) The test specimen for plates, shapes and bars, except as specified in paragraphs (b), (c) and (d), shall bend cold through 180 deg. without cracking on the outside of the bent portion, as follows: For material $\frac{3}{4}$ in. or under in thickness, flat on itself, for material over $\frac{3}{4}$ in. to and including $1\frac{1}{4}$ in. in thickness, around a pin the diameter of which is equal to the thickness of the specimen; and for material over $1\frac{1}{4}$ in. in thickness, around a pin the diameter of which is equal to twice the thickness of the specimen.

(b) The test specimen for eyebar flats shall bend cold through 180 deg. without cracking on the outside of the bent portion as follows: For material $\frac{3}{4}$ in. or under in thickness, around a pin the diameter of which is equal to the thickness of the specimen; for material over $\frac{3}{4}$ in. to and including $1\frac{1}{4}$ in. in thickness, around a pin the diameter of which is equal to twice the thickness of the specimen; and for material over $1\frac{1}{4}$ in. in thickness, around a pin the diameter of which is equal to three times the thickness of the specimen.

(c) The 1 by $\frac{1}{2}$ in. test specimen for pins, rollers and other bars, shall bend cold through 180 deg. around a pin 1 in. in diameter without cracking on the outside of the bent portion.

(d) The test specimen for rivet steel shall bend cold through 180 deg. flat on itself without cracking on the outside of the bent portion.

Test Specimens

11. (a) Test specimens shall be prepared for testing from the material in its rolled or forged condition, except as specified in paragraphs (b) and (c).

(b) Test specimens for annealed material shall be prepared from the material as annealed for use, or from a short length of a full section similarly treated.

(c) Test specimens for rivet bars which have been cold-drawn shall be normalized before testing.

(d) Test specimens shall be taken longitudinally and, except as specified in paragraphs (f), (g) and (h) shall be of the full thickness of material as rolled.

(e) Test specimens for plates, shapes and flats may be machined to the form and dimensions shown in Fig. 1, or with both edges parallel; except that bend test specimens for eyebar flats may have three rolled sides.

(f) Tension test specimens for plates and eyebar flats over $1\frac{1}{2}$ in. in thickness, and bend test specimens for plates over $1\frac{1}{2}$ in. in thickness may be machined to a thickness or diameter of at least $\frac{3}{4}$ in. for a length of at least 9 in.

(g) Test specimens for bars over $1\frac{1}{2}$ in. in thickness may be machined to a thickness or diameter of at least $\frac{3}{4}$ in. for a length of at least 9 in.; or tension test specimens may conform to the dimensions shown in Fig. 2. Bend test specimens may be 1 by $\frac{1}{2}$ in. in section.

(h) Tension test specimens for pins and rollers shall conform to the dimensions shown in Fig. 2. Bend test specimens shall be 1 by $\frac{1}{2}$ in. in section.

(i) The tension test specimen shown in Fig. 2 and the 1 by $\frac{1}{2}$ in. bend test specimen for pins and rollers shall be taken so that the axis is 1 in. from the surface; and for other bars over $1\frac{1}{2}$ in. in thickness, midway between the center and surface.

(j) The machined sides of rectangular bend test specimens may have the corners rounded to a radius not over $\frac{1}{16}$ in.

Number of Tests

12. (a) One tension and one bend test shall be made from each melt, except as specified in paragraph (d). If material from one melt differs $\frac{3}{8}$ in. or more in thickness, one tension and one bend test shall be made from both the thickest and the thinnest material rolled.

(b) If any test specimen shows defective machining or develops flaws, it may be discarded and another specimen substituted.

(c) If the percentage of elongation of any tension test specimen is less than that specified in section 6 and any part of the fracture is more than $\frac{3}{4}$ in. from the center of the gage length of a 2-in. specimen or is outside the middle third of the gage length of an 8-in. specimen, as indicated by scribe scratches marked on the specimen before testing, a retest shall be allowed.

(d) Plates $\frac{3}{16}$ in. and under in thickness; shapes less than 1 sq. in. sectional area; rounds (except rivet rods) under $\frac{1}{2}$ in. in diameter; and squares, hexagons and flats less than $\frac{1}{2}$ sq. in. sectional area, shall not be subject to tension tests.

Permissible Variations

13. (a) The sectional area or weight of each structural shape, and of each rolled edge plate up to and including 36 in. in width, shall not vary more than 2.5 per cent from the theoretical or specified amounts.

(b) The thickness or weight of sheared mill plates, and of universal mill plates over 36 in. in width, shall conform to the Manufacturers' standard practice governing the permissible variations for sheared mill plates, appended to these specifications.

(c) The weights of angles, tees, zees and channels of bar sizes, and the dimensions of rounds, squares, hexagons and flats, shall conform to the Manufacturers' standard practice governing the allowable variations in size and weight of hot-rolled bars, appended to these specifications.

Finish

14. The finished material shall be free from injurious defects, and shall have a workmanlike finish.

Marking

15. The name or brand of the manufacturer and the melt number shall be legibly stamped or rolled on all finished material, except that rivet and other bars and small sections shall, when loaded for shipment, be properly separated and marked for identification. The identification marks shall be legibly stamped on the end of each pin and roller. The melt number shall be legibly marked, by stamping if practicable, on each test specimen.

Inspection

16. The inspector representing the purchaser shall have free entry, at all times while work on the contract of the purchaser is being performed, to all parts of the manufacturer's works which concern the manufacture of the material ordered. The manufacturer shall afford the inspector, free of cost, all reasonable facilities to satisfy him that the material is being furnished in accordance with these specifications. All tests (except check analyses) and inspection shall be made at the place of manufacture prior to shipment, and shall be so conducted as not to interfere unnecessarily with the operation of the works.

Rejection

17. Material which develops injurious defects subsequent to its acceptance at the manufacturer's works will be rejected, and the manufacturer shall be notified.

Boiler Steel

Classes

1. There shall be three classes of steel for boilers, namely: flange, firebox and boiler rivet.

Process

2. The steel shall be made by the open-hearth process.

Chemical Composition

3. The steel shall conform to the following requirements as to chemical composition:

Elements Considered	Flange Steel	Firebox Steel	Boiler Rivet Steel
Manganese, per cent:			0.30 to 0.50
For plates $\frac{3}{4}$ in. or under in thickness.....	0.30 to 0.60	0.30 to 0.50	
For plates over $\frac{3}{4}$ in. in thickness.....	0.30 to 0.60	0.30 to 0.60	
Phosphorus, max., per cent:			
Basic.....	0.04	0.035	0.04
Acid.....	0.05	0.04	0.04
Sulphur, max., per cent.....	0.05	0.04	0.045

Ladle Analysis

4. An analysis of each melt of steel shall be made by the manufacturer to determine the percentages of the elements specified in section 3. This analysis shall be made from a test ingot taken during the pouring of the melt. The chemical composition thus determined shall conform to the requirements specified in section 3, and shall be reported to the purchaser or his representative, if requested.

Check Analyses

5. An analysis may be made by the purchaser from a broken tension test specimen representing each plate as rolled, or from finished material representing each melt of rivet steel. The chemical composition thus determined shall conform to the requirements specified in section 3.

Tension Tests

6. The steel shall conform to the following requirements as to tensile properties:

Properties Considered	Flange Steel	Firebox Steel	Boiler Rivet Steel
Tensile strength, lb. per sq. in.	55,000-65,000	52,000-62,000	45,000-55,000
Yield point, min., lb. per sq. in.	0.5 tens. str.	0.5 tens. str.	0.5 tens. str.
Elongation in 8 in., min., per cent.....	1,450,000*	1,500,000*	1,450,000
	tens. str.	tens. str.	tens. str.

*See Section 8.

Yield Point

7. The yield point shall be determined by the drop of the beam of the testing machine.

Modifications in Elongation

8. (a) For plates over $\frac{3}{4}$ in. in thickness a deduction from the percentage of elongation specified in section 6 shall be made in the proportion of 0.5 for each increase of $\frac{1}{8}$ in. in thickness above $\frac{3}{4}$ in., to the minima of 20 per cent for flange steel and 22 per cent for fire-box steel.

(b) For plates under $\frac{5}{16}$ in. in thickness a deduction from the percentage of elongation specified in section 6 shall be made in the proportion of 2.5 for each decrease of $\frac{1}{16}$ in. in thickness below $\frac{5}{16}$ in.

Bend Tests

9. (a) Cold bend tests shall be made on the material as rolled.

(b) Quench bend test specimens, before bending, shall be heated to a light cherry red as seen in the dark (about 1200 deg. F.), and quenched in water the temperature of which is about 80 deg. F.

(c) Specimens for cold bend and quench bend tests of flange and firebox steel shall bend through 180 deg. without fracture on the outside of the bent portion, as follows: For plates 1 in. or under in thickness, flat on themselves; for plates over 1 in. to and including $1\frac{1}{2}$ in. in thickness, around a pin the diameter of which is equal to the thickness of the specimen; and for plates over $1\frac{1}{2}$ in. in thickness, around a pin the diameter of which is equal to $1\frac{1}{2}$ times the thickness of the specimen.

(d) Specimens for cold bend and quench bend tests of boiler rivet steel shall bend through 180 deg. flat on themselves without fracture on the outside of the bent portion.

Test Specimens

10. (a) Test specimens shall be prepared for testing from the material in its rolled condition, except as specified in paragraph (b).

(b) Test specimens for rivet bars which have been cold-drawn shall be normalized before testing.

(c) Test specimens for plates shall be taken longitudinally and shall be of the full thickness of the plates as rolled. They shall be machined to the form and dimensions shown in Fig. 1; except that bend test specimens may be machined with both edges parallel.

(d) The machined sides of bend test specimens may have the corners rounded to a radius not over $\frac{1}{16}$ in.

(e) Test specimens for rivet bars shall be of the full section of the bars as rolled.

Number of Tests

11. (a) One tension, one cold bend, and one quench bend test shall be made from each plate as rolled.

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(b) Two tension, two cold bend, and two quench bend tests shall be made from each melt of rivet steel.

(c) If any test specimen shows defective machining or develops flaws, it may be discarded and another specimen substituted.

(d) If the percentage of elongation of any tension test specimen is less than that specified in section 6 and any part of the fracture is outside the middle third of the gage length, as indicated by scribe scratches marked on the specimen before testing, a retest shall be allowed.

Permissible Variations

12. (a) The thickness or weight of sheared mill plates shall conform to the Manufacturers' standard practice governing the permissible variations for sheared plates, appended to these specifications.

(b) The dimensions of rivet bars shall conform to the Manufacturers' standard practice governing the allowable variations in the size of hot-rolled bars, appended to these specifications.

Finish

13. The finished material shall be free from injurious defects, and shall have a workmanlike finish.

Marking

14. (a) The name or brand of the manufacturer, the manufacturer's test identification number, class, and the minimum tensile strength for its class specified in section 6 shall be legibly stamped on each plate. The test identification number shall be legibly stamped on each test specimen.

(b) Rivet steel shall be shipped in securely fastened bundles, with the manufacturer's name and melt number legibly stamped on attached metal tags.

Inspection

15. The inspector representing the purchaser shall have free entry, at all times while work on the contract of the purchaser is being performed, to all parts of the manufacturer's works which concern the manufacture of the material ordered. The manufacturer shall afford the inspector, free of cost, all reasonable facilities to satisfy him that the material is being furnished in accordance with these specifications. All tests (except check analyses) and inspection shall be made at the place of manufacture prior to shipment, and shall be so conducted as not to interfere unnecessarily with the operation of the works.

Rejection

16. Material which develops injurious defects subsequent to its acceptance at the manufacturer's works will be rejected, and the manufacturer shall be notified.

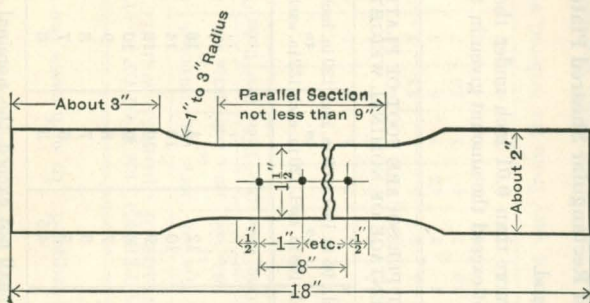


Fig. 1

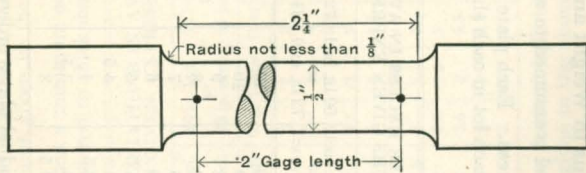


Fig. 2

NOTE.—The gage length, parallel portions and fillets shall be as shown, but the ends may be of any form which will fit the holders of the testing machine in such a way that the load shall be axial.

Manufacturers' Standard Practice

Permissible Variations in Weight and Thickness of Rectangular Sheared Plates

One cubic inch of rolled steel is assumed to weigh 0.2833 pound.

When Ordered to Thickness. Each plate shall not vary more than 0.01 inch under the thickness ordered, and the overweight of each lot in each shipment shall not exceed the amount given in the following table:

Ordered Thickness Inches	PERMISSIBLE EXCESS IN AVERAGE WEIGHT PER SQUARE FOOT OF PLATES FOR WIDTHS GIVEN EXPRESSED IN PERCENTAGE OF NOMINAL WEIGHT											
	Under 48 in.	48 in. incl. to 60 in. excl.	60 in. incl. to 72 in. excl.	72 in. incl. to 84 in. excl.	84 in. incl. to 96 in. excl.	96 in. incl. to 108 in. excl.	108 in. incl. to 120 in. excl.	120 in. incl. to 132 in. excl.	132 in. incl. to 144 in. excl.	144 in. incl. to 156 in. excl.	156 in. incl. to 168 in. excl.	168 in. incl. to 180 in. excl.
Under 1/8.....	9	10	12	14	.....	.....	.....	.....	.....	.....	.....	.....
1/8 incl. to 3/16 excl.	8	9	10	12	.....	.....	.....	.....	.....	.....	.....	.....
3/16 incl. to 1/4 excl.	7	8	9	10	12	.....	.....	.....	.....	.....	.....	.....
1/4 incl. to 5/16 excl.	6	7	8	9	10	12	14	16	16	14	14	17
5/16 incl. to 3/8 excl.	5	6	7	8	9	10	12	12	12	12	12	15
3/8 incl. to 7/16 excl.	4.5	5	6	7	8	9	10	10	10	10	10	13
7/16 incl. to 1/2 excl.	4	4.5	5	6	7	8	9	9	9	9	9	11
1/2 incl. to 5/8 excl.	3.5	4	4.5	5	6	7	8	8	8	8	8	9
5/8 incl. to 3/4 excl.	3	3.5	4	4.5	5	6	7	7	7	7	7	8
3/4 incl. to 1 excl.	2.5	3	3.5	4	4.5	5	6	6	6	6	6	8
1 or over	2.5	2.5	3	3.5	4	4.5	5	5	5	5	5	7

NOTE.—The weight of individual plates ordered to thickness shall not exceed the nominal weight by more than 1 1/3 times the amount given in the above table.

When Ordered to Weight per Square Foot. Each lot in each shipment shall not vary from the weight ordered more than the amount given in the following table.

This table shall not be used when a minimum edge thickness is required. In such cases the table of permissible variations for plates ordered to thickness shall apply.

Ordered Weight, Pounds per Square Foot	PERMISSIBLE VARIATIONS IN AVERAGE WEIGHT PER SQUARE FOOT OF PLATES FOR WIDTHS GIVEN, EXPRESSED IN PERCENTAGE OF ORDERED WEIGHT																	
	Under 48 in.		48 in. incl. to 60 in. excl.		60 in. incl. to 72 in. excl.		72 in. incl. to 84 in. excl.		84 in. incl. to 96 in. excl.		96 in. incl. to 108 in. excl.		108 in. incl. to 120 in. excl.		120 in. incl. to 132 in. excl.		132 in. incl. to 144 in. excl.	
	Over	Under	Over	Under	Over	Under	Over	Under	Over	Under	Over	Under	Over	Under	Over	Under	Over	Under
Under 5.....	5	3	5.5	3	6	3	7	3
5 incl. to 7.5 excl.....	4.5	3	5	3	5.5	3	6	3
7.5 incl. to 10 excl.....	4	3	4.5	3	5	3	5.5	3	6	3	7	3	8	3
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40 or over.....	2	2	2	2	2	2	2	2	2.5	2	2.5	2	3	2.5	3	3.5	3	4

NOTE.—The weight per square foot of individual plates shall not vary from the ordered weight by more than 1½ times the amount given in the above table.

The term "lot" applied to these tables means all of the plates of each group width and each group thickness or weight.

JONES & LAUGHLIN STEEL CORPORATION

Manufacturers' Standard Practice
Allowable Variations in the Size and Weight
of Hot-Rolled Bars

ADOPTED 1910

I. Allowable Variations in the Weight of Bar Sizes of Angles, Tees, Zees and Channels. For bar sizes of angles, tees, zees and channels, the following average variations in weight will be permitted for sections of the various dimensions and thicknesses stated, namely:

Dimensions	Thickness	Variation in Weight, Over and Under
Any dimension over 1½ inch.....	Over ¾ inch	4 per cent
All dimensions 1½ inch and less.....	Over ¾ inch	5 per cent
Any dimension over 1½ inch.....	¾ inch and less	6 per cent
All dimensions 1½ inch and less.....	¾ inch and less	7 per cent

NOTE.—A channel is in "bar" size when its greatest dimension is less than 3 inches. An angle, tee, or zee is in "bar" size when its greatest dimension is less than 3 inches; or when it is 3 inches or more and at the same time the thickness is less than ¼ inch.

II. Allowable Variations in the Size of Hot-Rolled Bars
ROUNDS, SQUARES, HEXAGONS

Size	VARIATION IN SIZE, INCHES	
	Under	Over
Up to and including ½ inch.....	.007	.007
Over ½ in. up to and including 1 inch.....	.010	.010
Over 1 in. up to and including 2 inch.....	¼	⅛
Over 2 in. up to and including 3 inch.....	⅛	⅜
Over 3 in. up to and including 5 inch.....	⅛	⅜
Over 5 in. up to and including 8 inch.....	¼	⅜

FLATS

Width of Flats	VARIATION IN WIDTH, INCHES		VARIATION IN THICKNESS, INCHES, UNDER AND OVER			
			THICKNESS OF FLATS			
	Under	Over	¾ in. and under	Over ¾ in. up to ½ in.	Over ½ in. up to 1 in.	Over 1 in. up to 2 in.
Up to and including 1 in.....	¼	⅛	.006	.008	.010	.....
Over 1 in. up to and including 2 in.....	⅛	⅜	.008	.012	.015	¼
Over 2 in. up to and including 4 in.....	⅜	½	.010	.015	.020	⅛
Over 4 in. up to and including 6 in.....	½	⅝	.010	.015	.020	⅛

Manufacturers' Standard Specifications for Concrete Reinforcement Bars Rolled from Billets

Standard specifications governing the chemical and physical properties of concrete reinforcement bars rolled from billets, as adopted by the Association of American Steel Manufacturers.—Revised April 21, 1914.

Manufacture

1. Steel may be made by either the open-hearth or Bessemer process. Bars shall be rolled from standard new billets.

Chemical and Physical Properties

2. The chemical and physical properties shall conform to the following limits:

Properties Considered	STRUCTURAL STEEL GRADE		INTERMEDIATE GRADE		HARD GRADE		Cold-Twisted Bars
	Plain Bars	Deformed Bars	Plain Bars	Deformed Bars	Plain Bars	Deformed Bars	
Phosphorus, maximum:							
Bessemer.....	.10	.10	.10	.10	.10	.10	.10
Open-hearth.....	.06	.06	.06	.06	.06	.06	.06
Ultimate tensile strength, pounds per square inch.....	55/70,000	55/70,000	70/85,000	70/85,000	80,000 min.	80,000 min.	Recorded only
Yield point, minimum, pounds per square inch.....	33,000	33,000	40,000	40,000	50,000	50,000	55,000
Elongation, per cent in 8 in., minimum.....	1,400,000	1,250,000	1,300,000	1,125,000	1,200,000	1,000,000	5%
Cold bend without fracture:	tens. str.	tens. str.	tens. str.	tens. str.	tens. str.	tens. str.	
Bars under ¼ in. in diameter or thickness	180°, d=1t.	180°, d=1t.	180°, d=2t.	180°, d=3t.	180°, d=3t.	180°, d=4t.	180°, d=2t.
Bars ¼ in. in diameter or thickness and over.....	180°, d=1t.	180°, d=2t.	90°, d=2t.	90°, d=3t.	90°, d=3t.	90°, d=4t.	180°, d=3t.

The intermediate and hard grades will be used only when specified.
 Explanatory Note: d = the diameter of pin about which the specimen is bent;
 t = the thickness or diameter of the specimen.

Chemical Determinations

3. In order to determine if the material conforms to the chemical limitations prescribed in paragraph 2 herein, analysis shall be made by the manufacturer from a test ingot taken at the time of the pouring of each melt or blow of steel, and a correct copy of such analysis shall be furnished to the engineer or his inspector.

Yield Point

4. For the purposes of these specifications, the yield point shall be determined by careful observation of the drop of the beam of the testing machine, or by other equally accurate method.

Form of Specimens

5. (a) Tensile and bending test specimens may be cut from the bars as rolled, but tensile and bending test specimens of deformed bars may be planed or turned for a length of at least 9 inches if deemed necessary by the manufacturer in order to obtain uniform cross-section.

(b) Tensile and bending test specimens of cold-twisted bars shall be cut from the bars after twisting, and shall be tested in full size without further treatment, unless otherwise specified as in (c), in which case the conditions therein stipulated shall govern.

(c) If it is desired that the testing and acceptance for cold-twisted bars be made upon the hot rolled bars before being twisted, the hot rolled bars shall meet the requirements of the structural steel grade for plain bars shown in this specification.

Number of Tests

6. (a) At least one tensile and one bending test shall be made from each melt of open-hearth steel rolled, and from each blow or lot of ten tons of Bessemer steel rolled. In case bars differing $\frac{3}{8}$ inch and more in diameter or thickness are rolled from one melt or blow, a test shall be made from the thickest and thinnest material rolled. Should either of these test specimens develop flaws, or should

the tensile test specimen break outside of the middle third of its gauged length, it may be discarded and another test specimen substituted therefor. In case a tensile test specimen does not meet the specifications, an additional test may be made.

(b) The bending test may be made by pressure or by light blows.

Modification in Elongation for Thin and Thick Material

7. For bars less than $\frac{7}{16}$ -inch and more than $\frac{3}{4}$ -inch nominal diameter or thickness, the following modifications shall be made in the requirements for elongation:

(a) For each increase of $\frac{1}{8}$ inch in diameter or thickness above $\frac{3}{4}$ inch, a deduction of 1 shall be made from the specified percentage of elongation.

(b) For each decrease of $\frac{1}{16}$ inch in diameter or thickness below $\frac{7}{16}$ inch, a deduction of 1 shall be made from the specified percentage of elongation.

(c) The above modifications in elongation shall not apply to cold-twisted bars.

Number of Twists

8. Cold-twisted bars shall be twisted cold with one complete twist in a length equal to not more than twelve times the thickness of the bar.

Finish

9. Material must be free from injurious seams, flaws or cracks, and have a workmanlike finish.

Variation in Weight

10. Bars for reinforcement are subject to rejection if the actual weight of any lot varies more than 5% over or under the theoretical weight of that lot.

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