

Capabilities, Catalog & Reference Guide

**West
Central
Steel**

Precision Sawing

3D Laser Cutting

Flat Laser Cutting

3D Plasma Cutting

HD Plasma/Oxy Cutting

Plate Processing

Shearing

Bending up to 30' Long

Fast Delivery

Excellence, Beyond the Cutting Edge

Sales@WCSteel.com

WCSteel.com

West Central Steel, Inc.

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1-800-992-8853

This steel reference book is based on theoretical weights:

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West Central Steel, Inc.

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About West Central Steel, Inc.

We help manufacturers and fabricators grow their business by providing carbon steel distribution and parts processing. Our business started in 1949 as a steel scrap yard. Since then we have evolved to a leading steel distributor and parts manufacturer. By focusing on our customer's needs we have built a reputation for being responsive, reliable and innovative.

As a steel distributor, we purchase steel from steel mills throughout the country by the truckload, railcar or barge load. Then sell the steel to manufacturers and fabricators in the five-state area. Many times, the steel is delivered the next day. This allows customers to save money with reduced inventory and lower material handling costs.

Our parts processing capabilities include saw, torch, plasma and laser cutting for both flat and three-dimensional steel shapes. In addition to cutting parts, parts can be formed with press brakes capable of bending steel up to 1 inch thick at 30 feet wide.

We are continually growing and have done 9 expansions over time. In 2018, the company opened the largest expansion yet with an 85,000 square foot parts processing facility. The new facility contains cutting edge technology to save customers time and money. As an example, we saved a manufacturer over 1,000 production hours over a year by using the latest technology to drill and tap over 30 holes on a part that was 7-foot by 10-foot and 1-inch thick that they were previously drilling by hand.

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Services

Production Sawing



Quality, speed and tight tolerances set West Central Steel apart from the competition. Our automated material handling system is one of the largest in the area, maximizing versatility and offering volume production for the highest efficiency. Fully automatic feed systems, auto gauging and up to 60-degree miters make bundle cutting to single cuts possible. Our experience and equipment versatility allows us to offer a quick turnaround at competitive prices.

PROCESSING CAPABILITIES:

Angle, Beam, Channel, Round/Square/Flat Bar,
Round/Square/Rectangular Tube, Pipe, Tee

18" x 47" Capacity

Up to 60-degree Miter Cutting

Cutting Lengths from Fractions of an Inch up to 75 Feet Long
+/- .0625" Standard Cutting Tolerances.

Inquire for Tighter Tolerances.

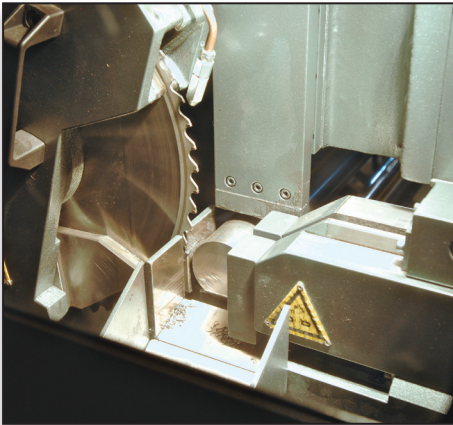
Number of Saw Machines— Seven

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Services

Precision Sawing



Capable of reliably meeting tolerances as tight as ± 0.003 ", Precision Sawing can be used to cut spacers, shafts, pins, machining blanks or any number of different parts. With automated loading and feeding systems, it is also an efficient way to cut precision parts out of rounds, tubes, pipes, channels and angles.

PROCESSING CAPABILITIES:

Pipe, Rectangular Tube,
Rounds, Round Tube,
Squares, Square Tube

5/8" OD Minimum

3.9" OD Maximum Round

3.1" OD Maximum Square

27" Shuttle

Up to 24" ± 0.003 " Standard Cutting Tolerance

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Services

Structural 3-D Laser Cutting



Utilizing 4,000-watt lasers, thin to thick walled pipe, tubing and structural steel are sculpted to your specification in one cycle. Six-axis cutting creates an angle or arch, which dramatically reduces manual and multiple processing. Through automatic loading, feeding, cutting, tapping and unloading, weld assembly parts are efficiently produced with the consistency and accuracy required for robotic welding.

PROCESSING CAPABILITIES:

Angle, Beam, Channel, Round/Square/Flat Bar,
Round/Square/Rectangular Tube, Pipe, Tee

8-5/8" (rd) & 6" (sq) OD Maximum

3/4" Maximum Cutting Thickness

2" Cut Length Maximum

+/- .010" Standard Cutting Tolerances. Inquire for Tighter Tolerances.

Up to 45-degree Miter Cutting

Capable of CTL, Miter Cuts, Bevels, Slots, Copes, Holes,
Notches, Flush Cuts, Part Marking

4,000 Watt Resonators

Number of 3D laser Machines— Two

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Services

Structural 3-D Plasma Cutting



Our plasma cutting system is revolutionizing structural steel fabricating. We can help you improve your quality, costs, shop efficiencies and lead-times. It's the marriage of advanced CNC robotics with high-definition plasma cutting, equipped with software so sophisticated, it programs cuts by itself. We can provide copes, slots, miters, bolt holes, notches, flush cuts, piece marks and layout marks all in one process. Many of these processes would typically need to be done with multiple single-purpose machines or even by hand. With our processing, you'll receive high quality parts with quick turnaround at affordable costs.

PROCESSING CAPABILITIES:

Angle, Beam, Tee, Channel, Square/Flat Bar,
Square/Rectangular Tube

18" x 48" Capacity

+/- .0625" Standard Cutting Tolerances. Inquire for Tighter Tolerances.

Up to 70 Feet Infeed and Outfeed

Capable of Cut-to-Length, Miter Cuts, Bevels, Slots, Copes,
Holes, Notches, Flush Cuts, Part Marking

High Quality Bolt Holes Approved For Structural Steel by AISC,
CISC and Other Institutions

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Services

Flat Laser Cutting



With an automated material handling system, up to 20-ton overhead crane capacity, and an 80' bed, we are capable of laser cutting small intricate pieces, as well as large oversized parts which require accuracy. We can provide uniform parts that meet the tightest of tolerances required by precision manufacturers. Our 6,000 and 4,000-watt resonators and laser referencing allow plate cutting up to 1" thick plate.

PROCESSING CAPABILITIES:

Sheet & Plate

From 18 Gauge Minimum Up to 1" Thick Maximum

Bed Size- Up to 13' Wide and Up to 80' Long

+/- .010" Standard Cutting Tolerances.

Inquire for Tighter Tolerances.

6,000 & 4,000 Watt Resonators

5" Clearance

Number of Flat Laser Machines- Four

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Services

High Def Plasma/ Oxy Cutting



Plasma cutting is one of the most efficient and productive methods for manufacturers who want to provide their customers with high quality results. Laser referencing enables profiles and bevels to be cut to the tight tolerances our customers have come to expect. With over-sized tables, our cutting systems allow for high definition plasma, as well as oxy fuel cutting on the largest of parts. The 400-Amp rated systems with TrueHole technology and beveling capabilities delivers high quality results.

PROCESSING CAPABILITIES:

Sheet, Plate, Angle, Beam, Tee, Channel, Square/Flat Bar,
Square/Rectangular Tube

HD Plasma Cut- Up to 2" Thick / Oxy Cut- Up to 6" Thick

Up to 45-degree Bevel & Part Marking Available

Bed Size- Up to 12' Wide and Up to 63' Long

+/- .0625" Standard Cutting Tolerances. Inquire for Tighter Tolerances.

400-Amp with Two Plasma Heads & Four Oxy Heads

15" Clearance

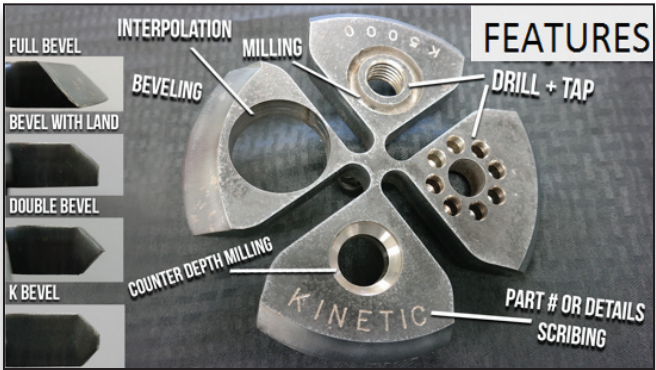
Number of HD Plasma/Oxy Machines- Three

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Services

Plate Processing



Our heavy-duty plate processing machine combines plasma or oxy fuel cutting with milling, drilling, tapping, and scribing to finish parts in one set up. Precision parts produced efficiently, with high quality and at a reduced cost.

PROCESSING CAPABILITIES:

Drilling up to 4" Holes Standard Tolerance of
+/- .0625"

Tapping and Thread Machining
Counter Boring to 8"

Milling- Slots, Profiles, Thread
Etching/Marking

4,000 RPM with 640 ft-lbs of Torque
Number of Plate Processors – Two

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Services

Bending & Shearing



With multiple shears and press brakes, sheets & plates are quickly and efficiently formed to the tightest tolerances. West Central Steel's press brakes feature programmable ram positioning and tilting for the greatest control, accuracy and consistency. We have one of the largest press brakes in the region, capable of bending up to 28.9' long at 1" thick. With capabilities this great, the opportunity to eliminate splicing, increase the integrity of parts and improve your product can be a viable option.

PRESS BRAKE CAPABILITIES:

1,100 Ton x 30'
500 Ton x 14'
350 Ton x 14'
350 Ton x 12'

SHEARING CAPABILITIES:

1/2" Thick x 12'
1/4" Thick x 12'

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ANGLES - Bar Sizes

Stock Lengths: 20 and 40 ft.

Conforms to ASTM A36/A572-50 or ASTM A36

SIZE IN INCHES				WEIGHT PER FT. IN LBS.		SIZE IN INCHES				WEIGHT PER FT. IN LBS.					
1/2	X	1/2	X	1/8	.38	2	X	2	X	1/8	1.65				
3/4	X	3/4	X	1/8	.59					3/16	2.44				
1	X	1	X	1/8	.80					1/4	3.19				
				3/16	1.16					5/16	3.92				
				1/4	1.49					3/8	4.70				
1 1/4	X	1 1/4	X	1/8	1.01					2 1/2	X	1 1/2	X	3/16	2.44
				3/16	1.48									1/4	3.19
				1/4	1.92									2 1/2	X
1 1/2	X	1 1/2	X	1/8	1.23					1/4	3.62				
				3/16	1.80					5/16	4.50				
				1/4	2.34					3/8	5.30				
1 3/4	X	1 3/4	X	1/8	1.44					2 1/2	X	2 1/2	X	3/16	3.07
				3/16	2.12									1/4	4.10
				1/4	2.77									5/16	5.00
2	X	1 1/4	X	3/16	1.96					3/8	5.90				
				1/4	2.55	1/2	7.70								
2	X	1 1/2	X	1/8	1.44										
				3/16	2.12										
				1/4	2.77										

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ANGLES - Structural

Stock Lengths: 20 and 40 ft.

Conforms to ASTM A36/A572-50 or ASTM A36

SIZE IN INCHES				WEIGHT PER FT. IN LBS.		SIZE IN INCHES				WEIGHT PER FT. IN LBS.	
3	X	2	X	3/16	3.07	5	X	3	X	1/4	6.60
				1/4	4.10					5/16	8.20
				5/16	5.00					3/8	9.80
				3/8	5.90					1/2	12.80
				1/2	7.70						
3	X	2 1/2	X	1/4	4.50	5	X	3 1/2	X	1/4	7.00
				5/16	5.60					5/16	8.70
				3/8	6.60					3/8	10.40
3	X	3	X	3/16	3.71	5	X	5	X	5/16	10.30
				1/4	4.90					3/8	12.30
				5/16	6.10					1/2	16.20
				3/8	7.20					5/8	20.00
3 1/2	X	2 1/2	X	1/4	4.90	6	X	3 1/2	X	5/16	9.80
				5/16	6.10					3/8	11.70
				3/8	7.20					1/2	15.30
3 1/2	X	3	X	1/4	5.40	6	X	4	X	5/16	10.30
				5/16	6.60					3/8	12.30
				3/8	7.90					1/2	16.20
				1/2	10.20					5/8	20.00
3 1/2	X	3 1/2	X	1/4	5.80	6	X	6	X	5/16	12.40
				5/16	7.20					3/8	14.90
				3/8	8.50					1/2	19.60
				1/2	11.10					5/8	24.20
4	X	3	X	1/4	5.80	7	X	4	X	3/8	13.60
				5/16	7.20					1/2	17.90
				3/8	8.50					5/8	22.10
				1/2	11.10					3/4	26.20
4	X	3 1/2	X	1/4	6.20	8	X	4	X	1/2	19.60
				5/16	7.70					3/4	28.70
				3/8	9.10					1	37.40
				1/2	11.90					1/2	23.00
										3/4	33.80
4	X	4	X	1/4	6.60	8	X	6	X	1	44.20
				5/16	8.20					1/2	26.40
				3/8	9.80					5/8	32.70
				1/2	12.80					3/4	38.90
				5/8	15.70					1	51.00
4	X	4	X	3/4	18.50	8	X	8	X		

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CHANNELS - Bar Size

Conforms to ASTM A36

Stock Lengths: 20

SIZE IN INCHES	WEIGHT PER FT. IN LBS.	SIZE IN INCHES	WEIGHT PER FT. IN LBS.
1 X 1/2 X 1/8	.84	2 X 1/2 X 1/8	1.43
1 1/4 X 1/2 X 1/8	1.01	2 X 9/16 X 3/16	1.86
1 1/2 X 1/2 X 1/8	1.12	2 X 5/8 X 1/4	2.28
1 1/2 X 9/16 X 3/16	1.44	2 X 1 X 1/8	1.59
1 1/2 X 3/4 X 1/8	1.17	2 X 1 X 3/16	2.32
		2 1/2 X 5/8 X 3/16	2.27



CHANNELS - Standard

Stock Lengths: 20 and 40 ft.

Conforms to ASTM A36/A572-50 or ASTM A36

DEPTH INCHES x WT/FT/LBS	WEB THICKNESS IN INCHES	FLANGE WIDTH IN INCHES	DEPTH INCHES x WT/FT/LBS	WEB THICKNESS IN INCHES	FLANGE WIDTH IN INCHES	
3 X 3.5	.130	1.375	8 X 11.5	.220	2.260	
	4.1	.170		13.75	.303	2.343
	5.0	.258		18.75	.487	2.527
	6.0	.356	9 X 13.4	.233	2.433	
4 X 4.5	.137	1.584		15.0	.285	2.485
	5.4	.184		20.0	.448	2.648
	6.25	.247	10 X 15.3	.240	2.600	
	7.25	.321		20.0	.379	2.739
5 X 6.7	.190	1.750		25.0	.526	2.886
	9.0	.325		30.0	.673	3.033
6 X 8.2	.200	1.920	12 X 20.7	.282	2.942	
	10.5	.314		25.0	.387	3.047
	13.0	.437		30.0	.510	3.170
7 X 9.8	.210	2.090	15 X 33.9	.400	3.400	
	12.25	.314		40.0	.520	3.520
	14.75	.419		50.0	.716	3.716

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MC CHANNELS - Jr. Channels

Conforms to ASTM A36/A572-50 or ASTM A36

Lightweight channels rolled specially for stair stringers, although useful for many other purposes requiring a light structural channel.

DEPTH IN INCHES	WT/FT/LBS	WEB	
		THICKNESS IN INCHES	FLANGES IN INCHES
8	X 8.5	.180	1.875
10	X 8.4	.170	1.500
12	X 10.6	.190	1.500



MC CHANNELS - Ship & Car

Stock Lengths: 20 and 40 ft.

Conforms to ASTM A36/A572-50 or ASTM A36

DEPTH INCHES x WT/FT/LBS	WEB THICKNESS IN INCHES	FLANGE WIDTH IN INCHES	DEPTH INCHES x WT/FT/LBS	WEB THICKNESS IN INCHES	FLANGE WIDTH IN INCHES
3 X 7.1	.312	1.938	10 X 28.5	.425	3.950
4 X 13.8	.500	2.500	33.6	.575	4.100
6 X 12.0	.310	2.497	41.1	.796	4.321
15.1	.316	2.940	12 X 14.3	.250	2.125
15.3	.340	3.500	31.0	.370	3.670
16.3	.375	3.000	35.0	.467	3.767
18.0	.379	3.504	40.0	.590	3.890
7 X 19.1	.352	3.452	45.0	.712	4.012
22.7	.503	3.603	50.0	.835	4.135
8 X 18.7	.353	2.978	13 X 31.8	.375	4.000
20.0	.400	3.025	35.0	.447	4.072
21.4	.375	3.450	50.0	.787	4.412
22.8	.427	3.502	18 X 42.7	.450	3.950
9 X 25.4	.450	3.500	45.8	.500	4.000
10 X 22.0	.290	3.315	51.9	.600	4.100
10 X 25.0	.380	3.410	58.0	.700	4.200

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Low Carbon HOT ROLLED STRIP

Size In Inches	Weight Per Ft. In Lbs.	Size In Inches	Weight Per Ft. In Lbs.
(1/8") X	1/2 .213	(3/16") X	1/2 .319
.125	3/4 .319	.188	3/4 .479
	1 .425		1 .638
	1 1/4 .531		1 1/4 .797
	1 1/2 .638		1 1/2 .956
	1 3/4 .744		1 3/4 1.12
	2 .850		2 1.28
	2 1/2 1.06		2 1/2 1.59
	3 1.28		3 1.91
	3 1/2 1.49		3 1/2 2.23
	4 1.70		4 2.55
	5 2.13		5 3.19
	6 2.55		6 3.83
	8 3.40		8 5.10
	10 4.17		12 7.65
	12 5.10		

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Low Carbon HOT ROLLED FLATS

Conforms to ASTM A36/A572-50 or ASTM A36

Size In Inches		Weight Per Ft. In Lbs.	Size In Inches		Weight Per Ft. In Lbs.
1/4 (.250)	X	1/2 .425	3/8 (.375)	X	3/4 .956
		3/4 .638			7/8 1.12
		1 .850			1 1.28
		1 1/4 1.06			1 1/4 1.59
		1 1/2 1.28			1 1/2 1.91
		1 3/4 1.49			1 3/4 2.23
		2 1.70			2 2.55
		2 1/4 1.91			2 1/4 2.87
		2 1/2 2.13			2 1/2 3.19
		2 3/4 2.34			2 3/4 3.51
		3 2.55			3 3.83
		3 1/2 2.98			3 1/2 4.46
		4 3.40			4 5.10
		4 1/2 3.83			4 1/2 5.74
		5 4.25			5 6.38
		5 1/2 4.68			5 1/2 7.01
		6 5.10			6 7.65
		7 5.95			6 1/2 8.29
		8 6.80			7 8.93
		9 7.65			8 10.20
		10 8.50			9 11.48
		11 9.35			10 12.75
		12 10.20			11 14.03
5/16 (.313)	X	3/4 .797			12 15.30
		1 1.06			
		1 1/4 1.33			
		1 1/2 1.59			
		1 3/4 1.86			
		2 2.13			
		2 1/2 2.66			
		2 3/4 2.92			
		3 3.19			
		3 1/2 3.72			
		4 4.25			
		5 5.31			
		6 6.38			
		7 7.44			

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Low Carbon HOT ROLLED FLATS

Conforms to ASTM A36/A572-50 or ASTM A36

Size In Inches		Weight Per Ft. In Lbs.		Size In Inches		Weight Per Ft. In Lbs.	
1/2 (.500)	X	3/4	1.28	3/4 (.750)		1	2.55
		1	1.70			1 1/4	3.19
		1 1/4	2.13			1 1/2	3.83
		1 1/2	2.55			1 3/4	4.46
		1 3/4	2.98			2	5.10
		2	3.40			2 1/4	5.74
		2 1/4	3.83			2 1/2	6.38
		2 1/2	4.25			2 3/4	7.01
		2 3/4	4.68			3	7.65
		3	5.10			3 1/2	8.93
		3 1/2	5.95			4	10.20
		4	6.80			4 1/2	11.48
		4 1/2	7.65			5	12.75
		5	8.50			5 1/2	14.03
5/8 (.625)	X	1	9.35		6	15.30	
		1 1/4	10.20		7	17.85	
		1 1/2	11.90		8	20.40	
		1 3/4	13.60		9	22.95	
		2	15.30		10	25.50	
		2 1/2	17.00		11	28.08	
		3	18.75		12	30.60	
		3 1/4	20.40		14	35.70	
		3 1/2	22.15	7/8 (.875)	X	2	5.95
		4	23.90				
	5/8 (.625)	X	5	25.65			
			5 1/2	27.40			
		6	29.15				
		7	30.90				
		8	32.65				
		10	38.15				
	12	43.65					

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Low Carbon HOT ROLLED FLATS

Conforms to ASTM A36/A572-50 or ASTM A36

Size In Inches	Weight Per Ft. In Lbs.	Size In Inches	Weight Per Ft. In Lbs.
1 X 1 1/4 (1.000)	4.25	1 1/4 X 4 (1.250)	17.00
	5.10	4 1/2	19.13
	6.80	5	21.25
	7.65	5 1/2	23.38
	8.50	1 1/2 X 2 (1.500)	10.20
	10.20	2 1/2	12.75
	11.90	3	15.30
	13.60	3 1/2	17.85
	15.30	4	20.40
	17.00	4 1/2	22.95
	18.70	5	25.50
	20.40	6	30.60
	23.80	8	40.80
	27.20	1 3/4 X 3 1/2	20.83
	30.60	2 X 2 1/2	17.00
	34.00	(2.000) 3	20.40
	40.80	4	27.20
1 1/4 X 1 3/4 (1.250)	7.44	4 1/2	30.60
	8.50	5	34.00
	9.56	6	40.80
	10.63	2 1/2 X 3 1/2 (2.500)	29.75
	12.75		
	14.88		

West Central Steel, Inc.

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1-800-992-8853



Low Carbon HOT ROLLED ROUNDS A-36

Size In Inches	Weight Per Ft. In Lbs.
1/4	.17
5/16	.26
3/8	.38
7/16	.51
1/2	.67
9/16	.85
5/8	1.04
11/16	1.26
3/4	1.50
7/8	2.04
1	2.67
1 1/8	3.38
1 1/4	4.17
1 3/8	5.05
1 1/2	6.01
1 3/4	8.18
2	10.68
2 1/4	13.52
2 1/2	16.69
2 3/4	20.19
3	24.03

West Central Steel, Inc.

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Low Carbon / Medium Carbon HOT ROLLED SQUARES A-36

Size In Inches	Weight Per Ft. In Lbs.
3/8	.48
7/16	.65
1/2	.85
5/8	1.33
3/4	1.91
7/8	2.60
1	3.40
1 1/8	4.31
1 1/4	5.31
1 1/2	7.65
1 3/4	10.41
2	13.60
2 1/2	21.25

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TEES - Bar Size

Conforms to ASTM A36
Stock Lengths: 20 ft.

Flange In Inches	Stem In Inches	Stem Thickness In Inches	Weight per ft. In Lbs.
1 1/2	1 1/2	3/16	1.90
2	2	1/4	3.62

In addition to the bar size section available from stock above,
any size beam can be split to make two tees.



BEAMS - Jr., H, or Light Beams

Stock Lengths: 20, 40 and 60 ft.

Nom. In Inches	Formerly Called	Web Thickness In Inches	Flange Width	Flange Thickness	Area
3 X 2.9	Jr. Beam	.090	2.250	.130	.914
4 X 3.2	Jr. Beam	.092	2.250	.130	1.010
6 X 4.4	Jr. Beam	.114	1.844	.171	1.290
8 X 6.5	Jr. Beam	.135	2.281	.189	1.920
10 X 9.0	Jr. Beam	.157	2.690	.206	.265

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BEAMS - Standard

Conforms to ASTM A992/A572-50 or ASTM A36

Nom. In Inches		Wt/Ft/ Lbs	Web		Flange Thickness	Area Sq Inch
			Thickness In Inches	Flange Width		
S3	X	5.7	.170	2.330	.260	1.67
		7.5	.349	2.509	.260	2.21
S4	X	7.7	.193	2.663	.293	2.26
		9.5	.326	2.796	.293	2.79
S5	X	10.0	.214	3.004	.326	2.94
S6	X	12.5	.232	3.332	.359	3.67
		17.25	.465	3.565	.359	5.07
S8	X	18.4	.271	4.001	.425	5.41
		23.0	.441	4.171	.425	6.77
S10	X	25.4	.311	4.661	.491	7.46
		35.0	.594	4.944	.491	10.30
S12	X	31.8	.350	5.000	.544	9.35
		35.0	.428	5.078	.544	10.30
		40.8	.472	5.252	.659	12.00
		50.0	.687	5.477	.659	14.70
S15	X	42.9	.411	5.501	.622	12.60
		50.0	.550	5.640	.622	14.70
S18	X	54.7	.461	6.001	.691	16.10
		70.0	.711	6.251	.691	20.60
S20	X	66.0	.505	6.255	.795	19.40
S24	X	106.0	.620	7.870	1.090	31.20

West Central Steel, Inc.

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1-800-992-8853



BEAMS - Wide Flange

Conforms to ASTM A992/A572-50 or ASTM A36

Nom. Depth			Web				
In Inches		Depth	Thickness	Flange	Flange	Area	
Wt/Ft/Lbs		In Inches	In Inches	Width	Thickness	Sq Inch	
4	X	13	4.16	.280	4.060	.345	3.83
5	X	16	5.01	.240	5.000	.360	4.71
		19	5.15	.270	5.030	.430	5.56
6	X	9	5.90	.170	3.940	.215	2.68
		12	6.03	.230	4.000	.280	3.55
		15	5.99	.230	5.990	.260	4.43
		16	6.28	.260	4.030	.405	4.74
		20	6.20	.260	6.020	.365	5.87
		25	6.38	.320	6.080	.455	7.34
8	X	10	7.89	.170	3.940	.205	2.96
		13	7.99	.230	4.000	.255	3.84
		15	8.11	.245	4.015	.315	4.44
		18	8.14	.230	5.250	.330	5.26
		21	8.28	.250	5.270	.400	6.16
		24	7.93	.245	6.495	.400	7.08
		28	8.06	.285	6.535	.465	8.25
		31	8.00	.285	7.995	.435	9.13
		35	8.12	.310	8.020	.495	10.30
		40	8.25	.360	8.070	.560	11.70
		48	8.50	.400	8.110	.685	14.10
		58	8.75	.510	8.220	.810	17.10
		67	9.00	.570	8.280	.935	19.70
10	X	12	9.87	.190	3.960	.210	3.54
		15	9.99	.230	4.000	.270	4.41
		17	10.11	.240	4.010	.330	4.99
		19	10.24	.250	4.020	.395	5.62
		22	10.17	.240	5.750	.360	6.49
		26	10.33	.260	5.770	.440	7.61
		30	10.47	.300	5.810	.510	8.84
		33	9.73	.290	7.960	.435	9.71
		39	9.92	.315	7.985	.530	11.50

Inquire on beams heavier than those listed.

West Central Steel, Inc.

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1-800-992-8853



BEAMS - Wide Flange

Conforms to ASTM A992/A572-50 or ASTM A36

Nom. Depth			Web				
In Inches		Depth	Thickness	Flange	Flange	Area	
Wt/Ft/Lbs		In Inches	In Inches	Width	Thickness	Sq Inch	
10	X	45	10.10	.350	8.020	.620	13.30
		49	9.98	.340	10.000	.560	14.40
		54	10.09	.370	10.030	.615	15.80
		60	10.22	.420	10.080	.680	17.60
		68	10.40	.470	10.130	.770	20.00
		77	10.60	.530	10.190	.870	22.60
		88	10.84	.605	10.265	.990	25.90
		100	11.10	.680	10.340	1.120	29.40
12	X	14	11.91	.200	3.970	.225	4.16
		16	11.99	.220	3.990	.265	4.71
		19	12.16	.235	4.005	.350	5.57
		22	12.31	.260	4.030	.425	6.48
		26	12.22	.230	6.490	.380	7.65
		30	12.34	.260	6.520	.440	8.79
		35	12.50	.300	6.560	.520	10.30
		40	11.94	.295	8.005	.515	11.80
		45	12.06	.335	8.045	.575	13.20
		50	12.19	.370	8.080	.640	14.70
		53	12.06	.345	9.995	.575	15.60
		58	12.19	.360	10.010	.640	17.00
		65	12.12	.390	12.000	.605	19.10
		72	12.25	.430	12.040	.670	21.10
		79	12.38	.470	12.080	.735	23.20
87	12.53	.515	12.125	.810	25.60		
96	12.71	.550	12.160	.900	28.20		
106	12.89	.610	12.220	.990	31.20		
14	X	22	13.74	.230	5.000	.335	6.49
		26	13.91	.255	5.025	.420	7.69
		30	13.84	.270	6.730	.385	8.85
		34	13.98	.285	6.745	.455	10.00
		38	14.10	.310	6.770	.515	11.20
		43	13.66	.305	7.995	.530	12.60
		48	13.79	.340	8.030	.595	14.10
		53	13.92	.370	8.060	.660	15.60
		61	13.89	.375	9.995	.645	17.90
74	14.17	.450	10.070	.785	21.80		

Inquire on beams heavier than those listed.

West Central Steel, Inc.

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1-800-992-8853



BEAMS - Wide Flange

Conforms to ASTM A992/A572-50 or ASTM A36

Nom. Depth			Web				
In Inches		Depth	Thickness	Flange	Flange	Area	
Wt/Ft/Lbs		In Inches	In Inches	Width	Thickness	Sq Inch	
14	X	68	14.04	.415	10.035	.720	20.00
		82	14.31	.510	10.130	.855	24.10
		90	14.02	.440	14.520	.710	26.50
		99	14.16	.485	14.565	.780	29.10
		109	14.32	.525	14.605	.860	32.00
		120	14.48	.590	14.670	.940	35.30
		159	14.98	.745	15.563	1.190	46.70
		193	15.48	.890	15.710	1.440	56.80
		16	X	26	15.69	.250	5.500
31	15.88			.275	5.525	.440	9.12
36	15.86			.295	6.985	.430	10.60
40	16.01			.305	6.995	.505	11.80
45	16.13			.345	7.035	.565	13.30
50	16.26			.380	7.070	.630	14.70
57	16.43			.430	7.120	.715	16.80
67	16.33			.395	10.235	.665	19.70
77	16.52			.455	10.295	.760	22.60
89	16.75			.525	10.365	.875	26.20
100	16.97			.585	10.425	.985	29.40
18	X			35	17.70	.300	6.000
		40	17.90	.315	6.015	.525	11.80
		46	18.06	.360	6.060	.605	13.50
		50	17.99	.355	7.495	.570	14.70
		55	18.11	.390	7.530	.630	16.20
		60	18.24	.415	7.555	.695	17.60
		65	18.35	.450	7.590	.750	19.10
		71	18.47	.495	7.635	.810	20.80
		76	18.21	.425	11.035	.680	22.30
		86	18.39	.480	11.090	.770	25.30
21	X	97	18.59	.535	11.145	.870	28.50
		44	20.66	.350	6.500	.450	13.00
		50	20.83	.380	6.530	.535	14.70
		57	21.06	.405	6.555	.650	16.70
		62	20.99	.400	8.240	.615	18.30
		68	21.13	.430	8.270	.685	20.00
		73	21.24	.455	8.295	.740	21.50
		83	21.43	.515	8.355	.835	24.30
		93	21.62	.580	8.420	.930	27.30
		101	21.36	.500	12.290	.800	29.80
		111	21.51	.550	12.340	.875	32.70

Inquire on beams heavier than those listed.

West Central Steel, Inc.

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1-800-992-8853



BEAMS - Wide Flange

Conforms to ASTM A992/A572-50 or ASTM A36

Nom. Depth			Web				
In Inches		Depth	Thickness	Flange	Flange	Area	
Wt/Ft/Lbs		In Inches	In Inches	Width	Thickness	Sq Inch	
24	X	55	23.57	.395	7.005	.505	16.20
		62	23.74	.430	7.040	.590	18.20
		68	23.73	.415	8.965	.585	20.10
		76	23.92	.440	8.990	.680	22.40
		84	24.10	.470	9.020	.770	24.70
		94	24.31	.515	9.065	.875	27.70
		104	24.06	.500	12.750	.750	30.60
		117	24.26	.550	12.800	.850	34.40
		131	24.48	.605	12.885	.960	38.50
		146	24.74	.650	12.900	1.090	43.00
27	X	84	26.71	.460	9.960	.640	24.80
		94	26.92	.490	9.990	.745	27.70
		102	27.09	.515	10.015	.830	30.00
		114	27.29	.570	10.070	.930	33.50
		146	27.38	.605	13.965	.975	42.90
		30	X	99	29.65	.520	10.450
108	29.83			.545	10.475	.760	31.70
116	30.01			.565	10.495	.850	34.20
124	30.17			.585	10.515	.930	36.50
132	30.31			.615	10.545	1.000	38.90
33	X	118	32.86	.550	11.480	.740	34.70
		130	33.09	.580	11.510	.855	38.30
36	X	135	35.55	.600	11.950	.790	39.70
		150	35.85	.625	11.975	.940	44.20
		160	36.01	.650	12.000	1.020	47.00

Inquire on beams heavier than those listed.

West Central Steel, Inc.

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1-800-992-8853



COLD FINISHED ROUNDS

1018

A versatile low-carbon steel with good hardening capabilities, fair machinability, and good weldability.

Suitable for some shafting requirements.

Size In Inches	Weight Per Ft. in Lbs.	Size In Inches	Weight Per Ft. in Lbs.
1/8	.042	1 9/16	6.52
3/16	.094	1 5/8	7.05
1/4	.167	1 11/16	7.60
5/16	.261	1 3/4	8.18
3/8	.380	1 7/8	9.39
7/16	.511	1 15/16	10.02
1/2	.668	2	10.68
9/16	.845	2 1/16	11.36
5/8	1.04	2 3/16	12.78
11/16	1.26	2 1/4	13.52
3/4	1.50	2 7/16	15.87
7/8	2.04	2 1/2	16.69
15/16	2.35	2 5/8	18.40
1	2.67	2 11/16	19.29
1 1/16	3.01	2 3/4	20.19
1 1/8	3.38	2 7/8	22.07
1 3/16	3.77	2 15/16	23.04
1 1/4	4.17	3	24.03
1 5/16	4.60	3 7/16	31.55
1 3/8	5.05	3 15/16	41.40
1 7/16	5.52	4	42.73
1 1/2	6.01		

West Central Steel, Inc.

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1-800-992-8853



COLD FINISHED ROUNDS

1045

A medium carbon steel that is higher strength.
Good hardening capabilities.

Size In Inches	Weight Per Ft. in Lbs.	Size In Inches	Weight Per Ft. in Lbs.
3/8	.376	2	10.68
1/2	.668	2 1/8	12.06
5/8	1.04	2 3/16	12.78
3/4	1.50	2 1/4	13.52
7/8	2.05	2 3/8	15.06
15/16	2.35	2 7/16	15.87
1	2.67	2 1/2	16.69
1 1/8	3.38	2 5/8	18.40
1 3/16	3.77	2 3/4	20.19
1 1/4	4.17	2 15/16	23.04
1 5/16	4.60	3	24.03
1 3/8	5.05	3 3/16	27.13
1 7/16	5.52	3 7/16	31.55
1 1/2	6.01	3 15/16	41.40
1 5/8	7.05	4	42.73
1 11/16	7.60	4 7/16	52.58
1 3/4	8.18		
1 7/8	9.39		
1 15/16	10.02		

West Central Steel, Inc.

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1-800-992-8853



STRESS 1144 ROUNDS

A high strength steel that has been cold-worked to achieve high mechanical properties. The material is then treated to relieve the stresses caused by cold-working.

Tensile Strength 100,000 psi

Yield Strength 90,000 psi

Size In Inches	Weight Per Ft. in Lbs.	Size In Inches	Weight Per Ft. in Lbs.
1/2	.668	1 3/4	8.18
5/8	1.04	1 7/8	9.39
11/16	1.26	1 15/16	10.02
3/4	1.50	2	10.68
7/8	2.05	2 1/8	12.06
1	2.67	2 1/4	13.52
1 1/8	3.38	2 7/16	15.87
1 3/8	5.05	2 1/2	16.69
1 7/16	5.52	3	24.03
1 1/2	6.01	3 1/2	32.71

West Central Steel, Inc.

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COLD FINISHED SQUARES

1018

A versatile low-carbon steel with good hardening capabilities, fair machinability, and good weldability.

Suitable for some shafting requirements.

Size In Inches	Weight Per Ft. in Lbs.	Size In Inches	Weight Per Ft. in Lbs.
3/16	.12	3/4	1.91
1/4	.21	7/8	2.60
3/8	.48	1	3.40
1/2	.85	1 1/2	7.65
5/8	1.33	2	13.60



COLD FINISHED SQUARES

1215

Excellent cutting and machining characteristics.

It has a smooth, bright, machined finish.

Size In Inches	Weight Per Ft. in Lbs.
1 1/8	4.31
1 1/2	7.65



COLD FINISHED SQUARES

1045

Excellent cutting and machining characteristics.

It has a smooth, bright, machined finish.

Size In Inches	Weight Per Ft. in Lbs.
1 1/2	7.65

West Central Steel, Inc.

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SHEET HOT ROLLED ASTM A1011

Hot-rolled commercial quality sheets.

GA or Decimal	Size In Inches	Est. Wt. per sq.ft. in Lbs.	Est. Wt. per sheet in Lbs.
16. (.0598)	48 x 96	2.50	80.0
	48 x 120	2.50	100.0
	48 x 144	2.50	120.0
	60 x 120	2.50	125.0
	60 x 144	2.50	150.0
14. (.0747)	48 x 96	3.13	100.0
	48 x 120	3.13	125.0
	48 x 144	3.13	150.0
	60 x 96	3.13	125.0
	60 x 120	3.13	156.3
	60 x 144	3.13	187.5
	72 x 120	3.13	187.5
	72 x 144	3.13	225.4
12. (.1046)	48 x 96	4.38	140.0
	48 x 120	4.38	175.0
	48 x 144	4.38	210.0
	60 x 96	4.38	175.0
	60 x 120	4.38	218.8
	60 x 144	4.38	262.5
	72 x 96	4.38	210.0
	72 x 120	4.38	262.5
	72 x 144	4.38	315.0

West Central Steel, Inc.

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1-800-992-8853



SHEET HOT ROLLED

GA or Decimal	Size In Inches	Est. Wt. per sq.ft. in Lbs.	Est. Wt. per sheet in Lbs.
(continued)			
11. (.1196)	48 x 96	5.00	160.0
	48 x 120	5.00	200.0
	48 x 144	5.00	240.0
	60 x 96	5.00	200.0
	60 x 120	5.00	250.0
	60 x 144	5.00	300.0
	72 x 120	5.00	300.0
	72 x 144	5.00	360.0
10. (.1345)	48 x 96	5.63	180.0
	48 x 120	5.63	225.0
	48 x 144	5.63	270.0
	60 x 96	5.63	225.0
	60 x 120	5.63	281.3
	60 x 144	5.63	337.5
	72 x 96	5.63	270.0
	72 x 120	5.63	337.5
7 (.1793)	48 x 96	7.50	240.0
	48 x 120	7.50	300.0
	48 x 144	7.50	360.0
	60 x 96	7.50	300.0
	60 x 120	7.50	375.0
	60 x 144	7.50	450.0
	72 x 120	7.50	450.0
	72 x 144	7.50	540.0

Inquire on Grade 50 Sheets.

West Central Steel, Inc.

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PLATES – STRUCTURAL QUALITY ASTM A 36

Thickness in Inches	Decimal	Size in Inches	Est. Wt. per sq. ft. in Lbs.	Est. Wt. per plate in Lbs.
3/16	0.188	48 X 96	7.66	245.0
3/16	0.188	48 X 120	7.66	306.4
3/16	0.188	48 X 144	7.66	367.7
3/16	0.188	60 X 96	7.66	306.4
3/16	0.188	60 X 120	7.66	383.0
3/16	0.188	60 X 144	7.66	459.6
3/16	0.188	72 X 96	7.66	367.7
3/16	0.188	72 X 120	7.66	459.6
3/16	0.188	72 X 144	7.66	551.5
3/16	0.188	84 X 240	7.66	1072.4
3/16	0.188	96 X 240	7.66	1225.6
1/4	0.250	48 X 96	10.21	326.7
1/4	0.250	48 X 120	10.21	408.4
1/4	0.250	48 X 144	10.21	490.1
1/4	0.250	60 X 96	10.21	408.4
1/4	0.250	60 X 120	10.21	510.5
1/4	0.250	60 X 144	10.21	612.6
1/4	0.250	72 X 96	10.21	490.1
1/4	0.250	72 X 120	10.21	612.6
1/4	0.250	72 X 144	10.21	735.2
1/4	0.250	84 X 240	10.21	1429.4
1/4	0.250	96 X 240	10.21	1633.6
5/16	0.313	48 X 96	12.76	408.4
5/16	0.313	48 X 120	12.76	510.4
5/16	0.313	48 X 144	12.76	612.5
5/16	0.313	60 X 96	12.76	510.4
5/16	0.313	60 X 120	12.76	638.0
5/16	0.313	60 X 144	12.76	765.6
5/16	0.313	72 X 120	12.76	765.6
5/16	0.313	72 x 144	12.76	918.8
5/16	0.313	96 X 240	12.76	2041.6
3/8	0.375	48 X 96	15.32	490.3
3/8	0.375	48 X 120	15.32	612.8
3/8	0.375	48 X 144	15.32	735.4
3/8	0.375	60 X 96	15.32	612.8
3/8	0.375	60 X 120	15.32	766.0
3/8	0.375	60 X 144	15.32	919.2
3/8	0.375	72 X 96	15.32	735.4
3/8	0.375	72 X 120	15.32	919.2
3/8	0.375	72 X 144	15.32	1103.1
3/8	0.375	96 X 240	15.32	2451.2

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PLATES – STRUCTURAL QUALITY ASTM A 36

Thickness in Inches	Decimal	Size in Inches	Est. Wt. per sq. ft. in Lbs.	Est. Wt. per plate in Lbs.
<i>continued from previous page</i>				
1/2	0.500	48 X 96	20.42	653.5
1/2	0.500	48 X 120	20.42	816.8
1/2	0.500	48 X 144	20.42	980.2
1/2	0.500	60 X 96	20.42	816.8
1/2	0.500	60 X 120	20.42	1021.0
1/2	0.500	60 X 144	20.42	1225.2
1/2	0.500	72 X 120	20.42	1225.2
1/2	0.500	72 X 144	20.42	1470.3
1/2	0.500	96 X 240	20.42	3267.2
5/8	0.625	48 X 96	25.53	816.9
5/8	0.625	48 X 120	25.53	1021.2
5/8	0.625	60 X 96	25.53	1021.2
5/8	0.625	60 X 120	25.53	1276.5
5/8	0.625	96 X 240	25.53	4084.8
3/4	0.750	48 X 96	30.63	980.2
3/4	0.750	48 X 120	30.63	1225.2
3/4	0.750	60 X 96	30.63	1225.2
3/4	0.750	60 X 120	30.63	1531.5
3/4	0.750	72 X 120	30.63	1837.8
3/4	0.750	96 X 240	30.63	4900.8
3/4	0.750	120 X 240	30.63	6126.0
7/8	0.875	96 X 240	35.74	5718.4
1	1.000	48 X 96	40.84	1306.9
1	1.000	48 X 120	40.84	1633.6
1	1.000	60 X 96	40.84	1633.6
1	1.000	60 X 120	40.84	2042.0
1	1.000	72 X 120	40.84	2450.4
1	1.000	96 X 240	40.84	6534.4
1	1.000	120 X 240	40.84	8168.0
1 1/4	1.250	48 X 96	51.05	1633.6
1 1/4	1.250	48 X 120	51.05	2042.0
1 1/4	1.250	60 X 96	51.05	2042.0
1 1/4	1.250	60 X 120	51.05	2552.5
1 1/4	1.250	96 X 240	51.05	8168.0
1 3/8	1.375	96 X 240	56.16	8985.6
1 1/2	1.500	96 X 240	61.26	9801.6
1 3/4	1.750	96 X 240	71.47	11435.2
2	2.000	96 X 240	81.68	13068.8
2 1/4	2.250	96 X 240	91.89	14702.4
2 1/2	2.500	96 X 240	102.10	16336.0
3	3.000	96 X 240	122.50	19600.0

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HIGH STRENGTH/ LOW ALLOY (HSLA) ASTM A 572 GRADE 50

Grade	Thickness	Decimal	Size in Inches	Est. Wt. per sq. ft. in Lbs.	Est. Wt. per plate in Lbs.
Grade 50	3/16	0.188	96 X 240	7.66	1225.6
Grade 50	1/4	0.250	96 X 240	10.21	1633.6
Grade 50	3/8	0.375	96 X 240	15.32	2451.2
Grade 50	1/2	0.500	96 X 240	20.42	3267.2
Grade 50	5/8	0.625	96 X 240	25.53	4084.8
Grade 50	3/4	0.750	96 X 240	30.63	4900.8
Grade 50	1	1.000	96 X 240	40.84	6534.4
Grade 50	1 1/4	1.250	96 X 240	51.05	8168.0
Grade 50	1 1/2	1.500	96 X 240	61.26	9801.6
Grade 50	1 3/4	1.750	96 X 240	71.47	11435.2
Grade 50	2	2.000	96 X 240	81.68	13068.8
Grade 50	2 1/4	2.250	96 X 240	91.89	14702.4
Grade 50	2 1/2	2.500	96 X 240	102.10	16336.0

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ALLOY QUENCHED & TEMPERED

ASTM 514

(Commonly known as T1)

Grade	Thickness	Decimal	Size in Inches	Est. Wt. per sq. ft. in Lbs.	Est. Wt. per plate in Lbs.
A514 (T1)	1/4	0.250	96 X 240	10.21	1633.6
A514 (T1)	1/4	0.250	96 X 288	10.21	1960.4
A514 (T1)	3/8	0.375	96 X 288	15.32	2941.5
A514 (T1)	1/2	0.500	96 X 288	20.42	3920.7
A514 (T1)	1/4	0.750	96 X 240	30.63	4900.8
A514 (T1)	1/4	0.750	96 X 288	30.63	5881.0
A514 (T1)	1	1.000	96 X 288	40.84	7841.3

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PLATES—ABRASION RESISTANT

Used in abrasive conditions and tested
to a specific hardness level in Brinell units.

AR 200

AR 400

Hardox 450

Hardox 500

Grade	Thickness	Decimal	Size in Inches	Est. Wt. per sq. ft. in Lbs.	Est. Wt. per plate in Lbs.
AR 200	10 GA	0.1406	60 X 120	5.63	281.30
AR 200	3/16	0.1875	60 X 120	7.66	383.00
AR 200	1/4	0.2500	60 X 120	10.21	510.50
AR 400	1/4	0.2500	96 X 288	81.68	15682.60
AR 400	3/8	0.3750	96 X 288	122.56	23531.50
AR 400	1/2	0.5000	96 X 288	163.60	31411.20
AR 400	3/4	0.7500	96 X 288	245.04	47047.70
AR 400	1	1.0000	96 X 288	326.72	62730.20
AR 400	1 1/4	1.2500	96 X 288	408.40	78412.80
Hardox 450	1/4	0.2500	96 X 288	10.21	1960.32
Hardox 450	3/16	0.1875	96 X 240	7.66	1225.60
Hardox 450	3/16	0.1875	96 X 288	7.66	1470.72

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PLATES SAFETY FLOOR ASTM A786

Thickness	Decimal	Size in Inches	Est. Wt. per sq. ft. in Lbs.	Est. Wt. per plate in Lbs.
12 GA	0.1196	48 X 120	5.25	210.0
1/8	0.125	48 X 96	6.16	197.2
1/8	0.125	48 X 120	6.16	246.4
1/8	0.125	60 X 96	6.16	246.4
1/8	0.125	60 X 120	6.16	308.0
1/8	0.125	72 X 120	6.16	369.6
1/8	0.125	72 X 144	6.16	443.5
3/16	0.188	48 X 96	8.71	278.8
3/16	0.188	48 X 120	8.71	348.4
3/16	0.188	60 X 120	8.71	435.5
3/16	0.188	60 X 144	8.71	522.6
3/16	0.188	72 X 120	8.71	522.6
3/16	0.188	72 X 144	8.71	627.2
1/4	0.250	48 X 96	11.26	360.4
1/4	0.250	48 X 120	11.26	450.4
1/4	0.250	48 X 144	11.26	540.5
1/4	0.250	60 X 120	11.26	563.0
1/4	0.250	60 X 144	11.26	675.6
1/4	0.250	72 X 120	11.26	675.6
1/4	0.250	72 X 144	11.26	810.8
1/4	0.250	96 X 240	11.26	1801.6
5/16	0.313	72 X 144	13.81	994.3
3/8	0.375	60 X 144	16.37	982.2
3/8	0.375	72 X 120	16.37	982.2
1/2	0.500	72 X 240	21.47	2576.4

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PIPE Carbon Steel ASTM A53

This product may be used for mechanical or pressure applications.

It is pressure tested for use with air, water, or gas lines.

Comes with a coated finish. Inquire on your specific needs.

Tensile Strength 48,000 psi Yield Strength 30,000 psi

Nominal Size In Inch	Weight Per Ft. In Lbs.	O.D. In Inches	Wall Thickness Inches
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SCHEDULE 10 - Light Wall

1	1.41	1.315	.109
1 1/4	1.81	1.660	.109
1 1/2	2.09	1.900	.109
2	2.64	2.375	.109
3 1/2	4.98	4.000	.250
4	5.61	4.500	.120

SCHEDULE 20

8	22.36	8.625	.250
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SCHEDULE 40 - Standard

1/4	.42	.540	.088
3/8	.57	.675	.091
1/2	.85	.840	.109
3/4	1.13	1.050	.113
1	1.68	1.315	.133
1 1/4	2.27	1.660	.140
1 1/2	2.72	1.900	.145
2	3.65	2.375	.154
2 1/2	5.79	2.875	.203
3	7.58	3.500	.216
3 1/2	9.11	4.000	.226
4	10.79	4.500	.237
5	14.62	5.563	.258
6	18.99	6.625	.280
8	28.58	8.625	.322
10	40.47	10.750	.365
12	49.56	12.750	.375
14	54.57	14.000	.375
16	62.58	16.000	.375

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PIPE Carbon Steel

Nominal Size In Inch	weight Per Ft. In Lbs.	O.D. In Inches	Wall Thickness Inches
Schedule 80 - Extra Heavy			
3/8	.739	.675	.126
1/2	1.090	.840	.147
3/4	1.470	1.050	.154
1	2.170	1.315	.179
1 1/4	3.000	1.660	.191
1 1/2	3.630	1.900	.200
2	5.020	2.375	.218
2 1/2	7.660	2.875	.276
3	10.250	3.500	.300
3 1/2	12.510	4.000	.318
4	14.980	4.500	.337
5	20.780	5.563	.375
6	28.580	6.625	.432
8	43.430	8.625	.500
14	72.090	14.000	.500
16	82.770	16.000	.500

Bare Structural Pipe (pipe size tube)

This product is a tube that is sized the same as pipe, but does not have the pressure testing. It is intended for structural use only.

It has a clean finish, conforms to

ASTM A513 and ASTM A500 Grade B.

Tensile Strength 58,000 psi – Yield Strength 42,000 psi

1/2	.850	.840	.109
3/4	1.130	1.050	.113
1	1.680	1.315	.133
1 1/4	2.270	1.660	.134
1 1/2	2.720	1.900	.134
2	3.660	2.375	.148
2 1/2	5.790	2.875	.203
3	7.580	3.500	.216
3 1/2	9.120	4.000	.226
4	10.790	4.500	.237
5	14.620	5.563	.258
6	18.990	6.625	.280
8	28.580	8.625	3.220

West Central Steel, Inc.

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SQUARE TUBING **Mechanical and Structural** **Carbon Steel** **ASTM A513**

A mechanical tubing (wall thickness in the gauge sizes) made from low carbon steel and electric resistance welded.

Has a good surface finish and forming qualities.

ASTM A500 Grade B and Grade C

A higher strength structural tubing (wall thickness in the fraction sizes) with good qualities for welding, forming, punching and drilling. A lot of sizes are dual grade certified.

Inquire with your salesperson.

	Grade B	Grade C
Tensile Strength	58,000 psi	62,000 psi
Yield Strength	46,000 psi	50,000 psi

Kleenkote / Epoxzkote

A tube product that has been cleaned and primed. This light primer coating reduces cleaning and preparation, prolongs storage life, and makes it easier for handling, marking, and layout. Inquire on sizes available.

Stock Lengths: Mechanical - 20 and 24 ft. A513

Inquire on longer.

Structural - 20, 24 and 40 ft. A500 Gr. B



Size/ Wall Gauge	Wall Decimal	Weight per ft. in Lbs.
------------------------	-----------------	------------------------------

1/2" x 1/2" x . . .	16	.065	.38
3/4" x 3/4" x . . .	16	.065	.61
	14	.083	.75
	11	.120	1.03
1" x 1" x . . .	16	.065	.83
	14	.083	1.04

West Central Steel, Inc.

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SQUARE TUBING

Mechanical and Structural

Carbon Steel

Stock Lengths: Mechanical - 20 and 24 ft. A513
Structural - 20, 24 and 40 ft. A500 Gr. B

	Size/ Wall Gauge	Wall Decimal	Weight per ft. in Lbs.
<i>continued from previous page</i>			
1" x 1" x . . .	12	.109	1.32
	11	.120	1.44
1 1/4" x 1 1/4" x . . .	16	.065	1.05
	14	.083	1.32
	11	.120	1.85
	3/16	.188	2.40
1 1/2" x 1 1/2" x . . .	16	.065	1.27
	14	.083	1.60
	12	.109	2.06
	11	.120	2.25
	3/16	.188	3.04
	1/4	.250	4.25
1 3/4" x 1 3/4" x . . .	14	.083	1.88
	11	.120	2.66
2" x 2" x . . .	16	.065	1.71
	14	.083	2.16
	12	.109	2.81
	11	.120	3.07
	3/16	.188	4.32
	1/4	.250	5.41
2 1/2" x 2 1/2" x . . .	14	.083	2.72
	11	.120	3.90
	3/16	.188	5.59
	1/4	.250	7.11
	5/16	.313	8.46
Flash Control			
2 1/2" x 2 1/2" x238	.238	7.11

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SQUARE TUBING Mechanical and Structural Carbon Steel

Stock Lengths: Mechanical - 20 and 24 ft. A513
Structural - 20, 24 and 40 ft. A500 Gr. B

	Size/ Wall Gauge	Wall Decimal	Weight per ft. in Lbs.	
	3" x 3" x	14	.083	3.26
		11	.120	4.75
		3/16	.188	6.87
		1/4	.250	8.81
		5/16	.313	10.58
		3/8	.375	12.17
	3 1/2" x 3 1/2" x	11	.120	5.61
		3/16	.188	8.15
		1/4	.250	10.51
		5/16	.313	12.70
		3/8	.375	14.72
	4" x 4" x	14	.083	4.36
		11	.120	6.46
		3/16	.188	9.42
		1/4	.250	12.21
		5/16	.313	14.83
		3/8	.375	17.27
		1/2	.500	21.63
	4 1/2" x 4 1/2" x	3/16	.188	10.70
		1/4	.250	13.91
	5" x 5" x	11	.120	8.16
		3/16	.188	11.97
		1/4	.250	15.62
		5/16	.313	19.08
		3/8	.375	22.37
		1/2	.500	28.43

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SQUARE TUBING Mechanical and Structural Carbon Steel

Stock Lengths: Mechanical - 20 and 24 ft. A513
Structural - 20, 24 and 40 ft. A500 Gr. B

	Size/ Wall Gauge	Wall Decimal	Weight per ft. in Lbs.
<i>continued from previous page</i>			
6" x 6" x	1/8	.125	9.86
	3/16	.188	14.53
	1/4	.250	19.02
	5/16	.313	23.34
	3/8	.375	27.48
	1/2	.500	35.24
7" x 7" x	5/8	.625	42.30
	3/16	.188	17.08
	1/4	.250	22.42
	5/16	.313	27.59
	3/8	.375	32.58
	1/2	.500	42.05
8" x 8" x	3/16	.188	19.63
	1/4	.250	25.82
	5/16	.313	31.84
	3/8	.375	37.69
	1/2	.500	48.85
	5/8	.625	59.32
9" x 9" x	1/4	.250	29.23
	5/16	.313	36.10
	3/8	.375	42.79
	1/2	.500	55.66
10" x 10" x	3/16	.188	24.73
	1/4	.250	32.63
	5/16	.313	40.35
	3/8	.375	47.90
	1/2	.500	62.46
	5/8	.625	76.33
12" x 12" x	1/4	.250	39.43
	5/16	.313	48.86
	3/8	.375	58.10
	1/2	.500	76.07
	5/8	.625	93.34

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RECTANGULAR TUBING

Mechanical and Structural

Carbon Steel

Stock Lengths: Mechanical - 20 and 24 ft. A513

Structural - 20, 24 and 40 ft. A500 Gr. B

	Wall Gauge	Wall Decimal	Weight per ft. in Lbs.
1 1/2" x 3/4" x . . .	14	.083	1.18
	11	.120	1.64
1 1/2" x 1" x . . .	14	.083	1.32
	11	.120	1.85
2" x 1" x . . .	16	.065	1.27
	14	.083	1.60
	11	.120	2.25
	1/8	.125	2.20
	3/16	.188	3.35
2" x 1 1/2" . . .	14	.083	1.88
	11	.120	2.66
	3/16	.188	3.68
2 1/2" x 1 1/2" x . . .	14	.083	2.16
	11	.120	3.07
	3/16	.188	4.32
	1/4	.250	5.41
3" x 1" x . . .	14	.083	2.16
	11	.120	3.07
3" x 1 1/2" x . . .	14	.083	2.39
	11	.120	3.48
	3/16	.188	4.97
	1/4	.250	6.25
3" x 2" x . . .	14	.083	2.67
	1/8	.125	3.90
	3/16	.188	5.59
	1/4	.250	7.11
	5/16	.313	8.43
3 1/2" x 2 1/2" x . . .	3/16	.188	6.87
	1/4	.250	8.81
4" x 1 1/2" x . . .	11	.120	4.29
4" x 2" x . . .	14	.083	3.24
	11	.120	4.75
	3/16	.188	6.87
	1/4	.250	8.81
	5/16	.313	10.58
	3/8	.375	12.17

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RECTANGULAR TUBING

Mechanical and Structural

Carbon Steel

Stock Lengths: Mechanical - 20 and 24 ft. A513

Structural - 20, 24 and 40 ft. A500 Gr. B

	Wall Gauge	Wall Decimal	Weight per ft. in Lbs.
<i>continued from previous page</i>			
4" x 3" x. . . .	11	.120	5.61
	3/16	.188	8.15
	1/4	.250	10.51
	5/16	.313	12.70
	3/8	.375	14.72
5" x 2" x. . . .	11	.180	5.61
	3/16	.188	8.15
	1/4	.250	10.50
	3/8	.375	14.71
5" x 2 1/2" x. . . .	3/16	.188	8.78
	1/4	.250	11.36
5" x 3" x. . . .	11	.120	6.46
	3/16	.188	9.42
	1/4	.250	12.21
	5/16	.313	14.80
	3/8	.375	17.27
	1/2	.500	21.63
5" x 4" x. . . .	1/8	.125	7.31
	3/16	.188	10.70
	1/4	.250	13.91
	3/8	.375	19.82
	1/2	.500	24.90
6" x 2" x. . . .	11	.120	6.46
	3/16	.188	9.42
	1/4	.250	12.21
	5/16	.313	14.83
	3/8	.375	17.27
6" x 3" x. . . .	11	.120	7.31
	3/16	.188	10.70
	1/4	.250	13.91
	5/16	.313	16.96
	3/8	.375	19.82
	1/2	.500	25.03

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RECTANGULAR TUBING

Mechanical and Structural

Carbon Steel

Stock Lengths: Mechanical - 20 and 24 ft. A513

Structural - 20, 24 and 40 ft. A500 Gr. B

	Wall Gauge	Wall Decimal	Weight per ft. in Lbs.
<i>continued from previous page</i>			
6" x 4" x. . . .	1/8	.125	8.16
	3/16	.188	11.97
	1/4	.250	15.62
	5/16	.313	19.08
	3/8	.375	22.37
	1/2	.500	28.43
6" x 5" x. . . .	3/8	.375	24.85
7" x 3" x. . . .	1/8	.125	8.16
	3/16	.188	11.97
	1/4	.250	15.62
	5/16	.313	19.08
	3/8	.375	22.37
	1/2	.500	28.43
7" x 4" x. . . .	3/16	.188	13.25
	1/4	.250	17.32
	3/8	.375	24.93
7" x 5" x. . . .	3/16	.188	14.53
	1/4	.250	19.02
	5/16	.313	23.34
	3/8	.375	27.48
	1/2	.500	35.24
	8" x 2" x. . . .	3/16	.188
1/4		.250	15.62
5/16		.313	19.08
3/8		.375	22.37
8" x 3" x. . . .	1/8	.125	9.01
	3/16	.188	13.25
	1/4	.250	17.32
	3/8	.375	24.93
	1/2	.500	31.84

West Central Steel, Inc.

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1-800-992-8853



RECTANGULAR TUBING

Mechanical and Structural

Carbon Steel

Stock Lengths: Mechanical - 20 and 24 ft. A513

Structural - 20, 24 and 40 ft. A500 Gr. B

	Wall Gauge	Wall Decimal	Weight per ft. in Lbs.
8" x 4" x . . .	1/8	.125	9.86
	3/16	.188	14.53
	1/4	.250	19.02
	5/16	.313	23.34
	3/8	.375	27.48
	1/2	.500	35.24
	5/8	.625	42.30
8" x 6" x . . .	3/16	.188	17.08
	1/4	.250	22.42
	5/16	.313	27.59
	3/8	.375	32.58
	1/2	.500	42.05
	5/8	.625	50.77
9" x 7" x . . .	5/16	.313	31.84
	3/8	.375	37.71
10" x 2" x . . .	3/16	.188	14.53
	1/4	.250	19.02
10" x 3" x . . .	1/4	.250	20.72
	3/8	.375	30.03
10" x 4" x . . .	3/16	.188	17.08
	1/4	.250	22.42
	5/16	.313	27.59
	3/8	.375	32.58
	1/2	.500	42.05
	5/8	.625	50.60
10" x 5" x . . .	3/8	.375	35.12
10" x 6" x . . .	3/16	.188	19.63
	1/4	.250	25.82
	5/16	.313	31.84
	3/8	.375	37.69
	1/2	.500	48.85
	5/8	.625	59.31

continued from previous page

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RECTANGULAR TUBING

Mechanical and Structural

Carbon Steel

Stock Lengths: Mechanical - 20 and 24 ft. A513

Structural - 20, 24 and 40 ft. A500 Gr. B

	Wall Gauge	Wall Decimal	Weight per ft. in Lbs.
<i>continued from previous page</i>			
10" x 8" x . . .	3/16	.188	22.18
	1/4	.250	29.23
	5/16	.313	36.10
	3/8	.375	42.79
	1/2	.500	55.66
12" x 2" x . . .	3/16	.188	17.08
	1/4	.250	22.42
	5/16	.313	27.59
12" x 3" x . . .	1/4	.250	24.12
	5/16	.313	29.71
12" x 4" x . . .	3/16	.188	19.63
	1/4	.250	25.82
	5/16	.313	31.84
	3/8	.375	37.69
	1/2	.500	48.85
12" x 6" x . . .	1/4	.250	29.23
	3/8	.375	42.79
	1/2	.500	55.66
	5/8	.625	67.82
12" x 8" x . . .	1/4	.250	32.63
	5/16	.313	40.35
	3/8	.375	47.90
	1/2	.500	62.46
	5/8	.625	76.33
14" x 4" x . . .	1/4	.250	29.37
14" x 6" x . . .	3/8	.375	47.90
14"x10" x . . .	1/4	.250	39.43
	3/8	.375	58.10
16" x 4" x . . .	1/4	.025	32.63
	5/16	.313	40.35
	3/8	.375	47.90
16" x 8" x . . .	1/4	.250	39.43
	3/8	.375	58.10
	1/2	.500	76.07

Inquire on tubes heavier than those listed.

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REINFORCING BARS

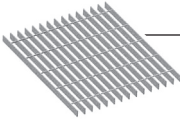
Available in A706 Weldable,
Grade 40, Grade 60

20' Stock – Other Lengths Special Order

No.	Nominal Diameter	Wt. Per Ft. Lbs.	20' Pieces Per Ton
3 – 3/8	.375	.38	266
4 – 1/2	.500	.67	150
5 – 5/8	.625	1.04	96
6 – 3/4	.750	1.50	67
7 – 7/8	.875	2.04	49
8 – 1	1.000	2.67	37
9 – 1 1/8	1.128	3.40	29
10 – 1 1/4	1.270	4.30	23

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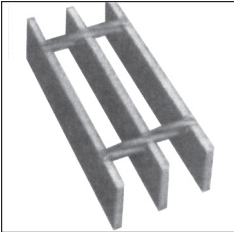


OPEN STEEL GRATING

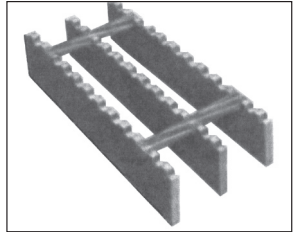
Bearing bars and cross bars are joined by automatic forge-welding machines which control heat, pressure and electric current. Result: sturdy, one-piece grating with a flush top surface.

OPEN STEEL FLOOR GRATING

Conforms to Specification RR-G-661



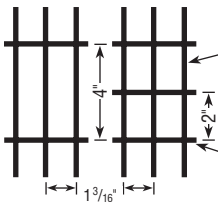
Smooth-surface grating



Serrated-surface safety grating

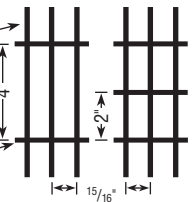
STANDARD MESH TYPES

Type 19W4 Type 19W2



CLOSE MESH TYPES

Type 15W4 Type 15W2



WEIGHT IN LBS. PER SQ. FT.

Bearing Bars	Cross Bars	Type 19-W-4	Length in Inches	Width in Inches
1 x 3/16	1/4	7.3	240	36
1 1/4 x 3/16	1/4	8.9	240	36

Inquire for other sizes.

When ordering GRATING, specify:

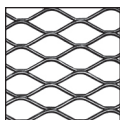
- Type of GRATING
- Size of BEARING BARS (Depth & Width)
- Span (direction of bearing bars)
- Dimensions of area
- Unpainted, Painted or Galvanized, Smooth or Serrated
- Special shapes can be furnished with, or without, edge banding.

When ordering STAIR TREADS, also specify:

- Width & Length
- Type of Nosing (Checker Plate or Cast Iron Abrasive)
- Punching in side plates or standardized dimensions may be altered to suit special conditions.

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EXPANDED METAL

Long way of diamond runs parallel to length of sheet.

SIZE - STANDARD

Style Designation	Width In Inches	Length In Inches	Est. Wt. per sq. ft. in Lbs.	Est. Wt. per sheet in Lbs.
1/2 #13	48	96	1.47	47.04
3/4 #9	48	96	1.80	57.60
1 1/2 #9	48	96	1.20	38.40
1 1/2 #6	48	96	2.50	80.00

EXPANDED METAL GRATING

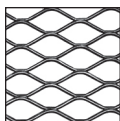
Style Designation	Width In Inches	Length In Inches	Pounds per sq. ft.	Weight per sheet in Lbs.
3#	48	96	3.00	96.00
4#	48	96	4.00	128.00
4#	48	120	4.00	160.00
4#	60	120	4.00	200.00
4#	120	24	4.00	80.00
4#	120	36	4.00	120.00

GALVANIZED GRATING

Style Designation	Width In Inches	Length In Inches	Pounds per sq. ft.	Weight per sheet in Lbs.
3#	120	24	3.00	60.00

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EXPANDED METAL

SIZES - FLATTENED

Style Designation	Width In Inches	Length In Inches	Est. Wt. per sq. ft. in Lbs.	Est. Wt. per sheet in Lbs.
1/2 #16	48	96	0.82	26.24
1/2 #13	48	96	1.40	44.80
1/2 #13	48	120	1.40	56.00
3/4 #13	48	96	0.75	24.00
3/4 #9	48	96	1.71	54.72
3/4 #9	48	120	1.71	68.40
1 1/2 #9	48	96	1.11	35.52

HOT ROLLED RAIL CAP

This product is a decorative hand rail cap used by ornamental iron workers. Bends and forms easily.

Available in 20' lengths only.

1 3/4" wide x 1.27# per ft.

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GRADER BLADES

Single Bevel 1060

Weld On

Other lengths are special orders.

Item	Weight per Ft.	Length
3/8 x 3	3.33	20'6"
1/2 x 3	4.40	20'6"
1/2 x 4	6.03	24'6"
1/2 x 6	9.45	24'6"
5/8 x 6	11.55	24'6"
3/4 x 4	8.48	24'6"
3/4 x 6	13.63	24'6"
3/4 x 8	18.41	24'6"
1 x 8	25.17	24'6"

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WEIGHTS AND MEASURES

United States Measures and Equivalents

Length

1 inch.....	2.54 cm
1 foot.....	12 in..... 0.3048 m
1 yard.....	3 ft..... 0.9144 m
1 mile.....	1,760 yd..... 1.6093 km
1 nautical mi.....	1.152 mi..... 1.856 km

Area

1 square inch.....	6.4516 sq cm
1 square foot.....	144 sq in..... 0.093 sq m
1 square yard.....	9 sq ft..... 0.8361 sq m
1 acre.....	4,840 sq yd..... 4046.86 sq m
1 square mile.....	640 acres..... 2.59 sq km

Weight

1 ounce.....	437.5 grains.....	28.35 g
1 pound.....	16 oz.....	0.4536 kg
1 short ton.....	2,000 lb.....	0.9072 tonne
1 long ton.....	2,240 lb.....	1.0161 tonne

Volume

1 cubic inch.....	16.387 cu cm
1 cubic foot.....	1,728 cu in..... 0.028 cu m
1 cubic yard.....	27 cu ft..... 0.7646 cu m
1 fluid ounce.....	2.957 cl
1 liquid pint.....	16 fl oz..... 0.4732 liter
1 liquid quart.....	2 pt..... 0.946 liter
1 gallon.....	4 qt..... 3.7853 liter
1 dry pint.....	0.5506 liter
1 bushel.....	64 dry pt..... 35.2381 liter

To convert Fahrenheit degrees into Celsius: Subtract 32,
Multiply by 5, Divide by 9.

West Central Steel, Inc.

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WEIGHTS AND MEASURES

Metric Measures and Equivalents

Length

1 millimeter.....	0.03937 in
1 centimeter.....	10 mm..... 0.3937 in
1 meter	1000 mm..... 1.0936 yd
1 meter	3.2808 ft
1 kilometer	1000 m..... 0.6214 mi

Area

1 square centimeter.....	100 sq mm	0.155 sq in
1 square meter.....	10,000 sq cm.....	1.196 sq yd
1 hectare.....	10,000 sq m	2.4711 acres
1 square kilometer.....	100 ha	0.3861 sq mi

Weight

1 milligram.....	0.0154 grain
1 gram	1000 mg..... 0.0353 oz
1 kilogram	1000 g..... 2.2046 lb
1 kilogram/meter.....	0.6719 lb/ft
1 tonne.....	1000 kg..... 2204.6 lb
1 tonne.....	1.1023 short tons
1 tonne.....	0.9842 long ton

Volume

1 cubic centimeter.....	0.061 cu in	
1 cubic decimeter.....	1000 cu cm	0.0353 cu ft
1 cubic meter.....	1000 cu dm	1.3079 cu yd
1 liter	1 cu dm	0.2642 gallon
1 hectoliter	100 liter.....	2.8378 bu
1 megapascal.....	1 Newton/sq mm	145.03 psi

To convert Celsius into Fahrenheit: Multiply by 9, Divide by 5,
Add 32.

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DECIMAL EQUIVALENTS

Fraction		Decimal	Millimeter	
1/16	1/32	1/64	.01563	0.397
			.03125	0.794
		3/64	.04688	1.191
			.0625	1.588
1/8	3/32	5/64	.07813	1.984
			.09375	2.381
		7/64	.10938	2.778
			.125	3.175
3/16	5/32	9/64	.14063	3.572
			.15625	3.969
		11/64	.17188	4.366
			.1875	4.763
1/4	7/32	13/64	.20313	5.159
			.21875	5.556
		15/64	.23438	5.953
			.250	6.350
5/16	9/32	17/64	.26563	6.747
			.28125	7.144
		19/64	.29688	7.541
			.3125	7.938
3/8	11/32	21/64	.32813	8.334
			.34375	8.731
		23/64	.35938	9.128
			.375	9.525
7/16	13/32	25/64	.39063	9.922
			.40625	10.319
		27/64	.42188	10.716
			.4375	11.113
1/2	15/32	29/64	.45313	11.509
			.46875	11.906
		31/64	.48438	12.303
			.500	12.700

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DECIMAL EQUIVALENTS

Fraction		Decimal	Millimeter	
9/16	17/32	33/64	.51563	13.097
			.53125	13.494
		35/64	.54688	13.891
			.5625	14.288
5/8	19/32	37/64	.57813	14.684
			.59375	15.081
		39/64	.60938	15.478
			.625	15.875
11/16	21/32	41/64	.64063	16.272
			.65625	16.669
		43/64	.67188	17.066
			.6875	17.463
3/4	23/32	45/64	.70313	17.859
			.71875	18.256
		47/64	.73438	18.653
			.750	19.050
13/16	25/32	49/64	.76563	19.447
			.78125	19.844
		51/64	.79688	20.241
			.8125	20.638
7/8	27/32	53/64	.82813	21.034
			.84375	21.431
		55/64	.85938	21.828
			.875	22.225
15/16	29/32	57/64	.89063	22.622
			.90625	23.019
		59/64	.92188	23.416
			.9375	23.813
1	31/32	61/64	.95313	24.209
			.96875	24.606
		63/64	.98438	25.003
			1.00000	25.400

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FORMULAS

CIRCLE

Circumference = diameter x 3.1416

Circumference = radius x 6.2832

Diameter = radius x 2

Diameter = square root of (area ÷ .7854)

Diameter = square root of area x 1.1283

Diameter = circumference x .31831

Radius = diameter ÷ 2

Radius = circumference x .15915

Radius = square root of area x .56419

Area = diameter x diameter x .7854

Area = half of the circumference x half of the diameter

Area = square of the circumference x .0796

Arc length = degrees x radius x .01745

Degrees of arc = length ÷ radius x .01745)

Radius of arc = length ÷ degrees x .01745)

Side of equal square = diameter x .8862

Side of inscribed square = diameter x .7071

Area of sector = area of circle x degrees of arc ÷ 360

CONE

Area of surface = one-half of circumference of base x slant
height + area of base

Volume = diameter x diameter x .7854 x one-third of the altitude

CUBE

Volume = width x height x length

CYLINDER

Area of surface = diameter x 3.1416 x length + area of the two
bases

Area of base = diameter x diameter x .7854

Area of base = volume ÷ length

Length = Volume ÷ area of base

Volume = length x area of base

Capacity in gallons = volume in inches ÷ 231

Capacity in gallons = diameter x diameter x length x .0034

Capacity in gallons = volume in feet x 7.48

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FORMULAS

ELLIPSE

Area = short diameter x long diameter x .78545

HEXAGON

Area = width of side x 2.598 x width of side

PARALLELOGRAM

Area = base x distance between the two parallel sides

PYRAMID

Area = 1/2 perimeter of base x slant height + area of base

Volume = area of base x 1/3 of the altitude

RECTANGLE

Area = length x width

RECTANGULAR PRISM

Volume = width x height x length

SPHERE

Area of surface = diameter x diameter x 3.1416

Side of inscribed cube = radius x 1.1547

Volume = diameter x diameter x diameter x .5236

SQUARE

Area = length x width

TRIANGLE

Area = one-half of height times base

TRAPEZOID

Area = one-half of the sum of the parallel sides x the height

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Conversion Chart – Structural

*Angles, Flats, Channels, Tube, Beams, Pipe, Rounds, Rebar

1. CWT to Per FOOT

- a. Channel 6"x8.2# at...\$54.95 cwt
- b. Take .5495 (price) x 8.2 (weight per foot) = \$4.51 per foot

2. CWT to Per EACH

- a. Channel 6"x8.2# at...\$54.95 cwt
- b. Take .5495 (price) x 20' (length) x 8.2 (weight per foot) = \$90.12 each

3. Per FOOT to CWT

- a. Channel 6"x8.2# at...\$4.51 foot
- b. Take 4.51 (price) ÷ 8.2 (weight per foot) = \$54.95 cwt

4. Per EACH to CWT

- a. Channel 6"x8.2# at...\$90.12 each
- b. Take 90.12 (price) ÷ 20' (length) ÷ 8.2 (weight per foot) = \$54.95 cwt

Conversion Chart – Sheet & Plate

5. CWT to Per SQFT

- a. Sheet 7 ga at...\$45.95 cwt
- b. Take .4595 (price) x 7.5# (weight per sqft) = \$3.45 per sqft

6. CWT to Per EACH

- a. Sheet 7 ga at...\$45.95 cwt
- b. Take .4595 (price) x 7.5# (weight per sqft) x 32 (size 4x8) = \$110.28 each

7. Per SQFT to CWT

- a. Sheet 7 ga at...\$3.45 sqft
- b. Take 3.45 (price) ÷ 7.5# (weight per sqft) = \$45.95 cwt

8. Per EACH to CWT

- a. Sheet 7 ga at...\$110.28 each
- b. Take 110.28 (price) ÷ 7.5# (weight per sqft) ÷ 32 (size 4x8) = \$45.95 cwt

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Products:

Angle	Plate
Beam	Floor Plate
Channel	Rebar
Expanded Metal	HR Round
Grating	CR Round
Flat	Sheet
Grader Blade	Square
Pipe	Sq Tube
Pipe Size Tube	Rct Tube

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