

---

# Mission Statement

State Steel strives to provide quality products and services at competitive prices. This commitment is demonstrated with several branch locations all offering large, diverse inventories and state-of-the-art equipment which make our products and services readily available throughout our sales area. We are sensitive to customer needs and determined to find ways to meet or exceed their requirements.

Through hard work, good customer relations, and sound management we are committed to the future growth of State Steel, to our customers, and to our dedicated employees, the backbone of our success.

---

## Sioux City, IA

800-831-0862

712-277-4000

Fax: 712-277-3306

## Grand Island, NE

800-658-4352

308-381-2040

Fax: 308-381-1613

## Sioux Falls, SD

800-658-5522

605-338-9303

Fax: 605-338-6869

## Des Moines, IA

800-783-3590

515-264-0000

Fax: 515-264-9345

## Spencer, IA

800-747-9559

712-262-5609

Fax: 712-264-9268

## Omaha, NE

800-898-4523

402-894-1900

Fax: 402-894-1910



# State Steel Supply Company

*a full service supply center offering a wide range of services including:*

- **In-Line Temper Mill** (Cold Reduction Process)  
Cut to Length Coil Processing  
Up to 1/2" thick (100,000 yield) x 96" Wide  
with Improved Surface and Superior Flatness
- **Laser Cutting**  
3/4" thick - 80" x 216" production output
- **Shearing**
- **Forming**
- **Flame and Plasma Cutting**
- **CNC Saw Cutting**
- **Die Stamping** (Up to 200 ton Capacity)
- **Just in Time Delivery**



We also offer a full-line inventory (carbon, galvanized, stainless, aluminum) including pipe, tubing, DOM, threaded rod, expanded metal, bar grating, and grip strut.

**[www.statesteel.com](http://www.statesteel.com)**


























ISO 9002 CERTIFIED














# Index

<p><b>Aluminum</b></p> <p> Angle ..... 72</p> <p> Beams ..... 72</p> <p> Channel ..... 72</p> <p> Color / Painted ..... 77</p> <p> Expanded Metal ..... 73</p> <p> Flats ..... 74</p> <p> Pipe ..... 75</p> <p> Plates ..... 76-77</p> <p> Rounds ..... 73</p> <p> Sheets ..... 76</p> <p> Square &amp; Rectangle Tube ..... 73</p> <p> Square ..... 73</p> <p> Treadbrite (Floor Plate) ..... 77</p>	<p> <b>Channel</b></p> <p>Bar ..... 3</p> <p>Galvanized ..... 4</p> <p>Junior ..... 4</p> <p>Structural ..... 3-4</p> <hr/> <p> <b>Coil</b></p> <p>Cold Rolled ..... 36</p> <p>Floor Plate ..... 36</p> <p>Galvanized ..... 36</p> <p>Galvannealed ..... 36</p> <p>High Strength ..... 37</p> <p>Hot Rolled ..... 35</p> <p>Hot Rolled Pickled &amp; Oiled ..... 35</p> <hr/> <p> <b>Expanded Metal</b></p> <p>Flattened ..... 61</p> <p>Standard ..... 62</p> <hr/> <p> <b>Flats</b></p> <p>Cold Drawn ..... 19-20</p> <p>Galvanized ..... 11</p> <p>Hot Rolled ..... 9-11</p> <hr/> <p> <b>Floor Plates</b></p> <p>Aluminum ..... 77</p> <p>Carbon Steel ..... 31</p>
<p> <b>Angles</b></p> <p>Structural ..... 5-6</p> <p>Galvanized ..... 7</p>	
<p><b>Beams</b></p> <p> I Beams ..... 1</p> <p> Wide Flange Beams ..... 1-2</p>	
<p> <b>Beef Rail (Round Edge)</b></p> <p>Carbon 1045 ..... 12</p> <p>Galvanized ..... 12</p>	

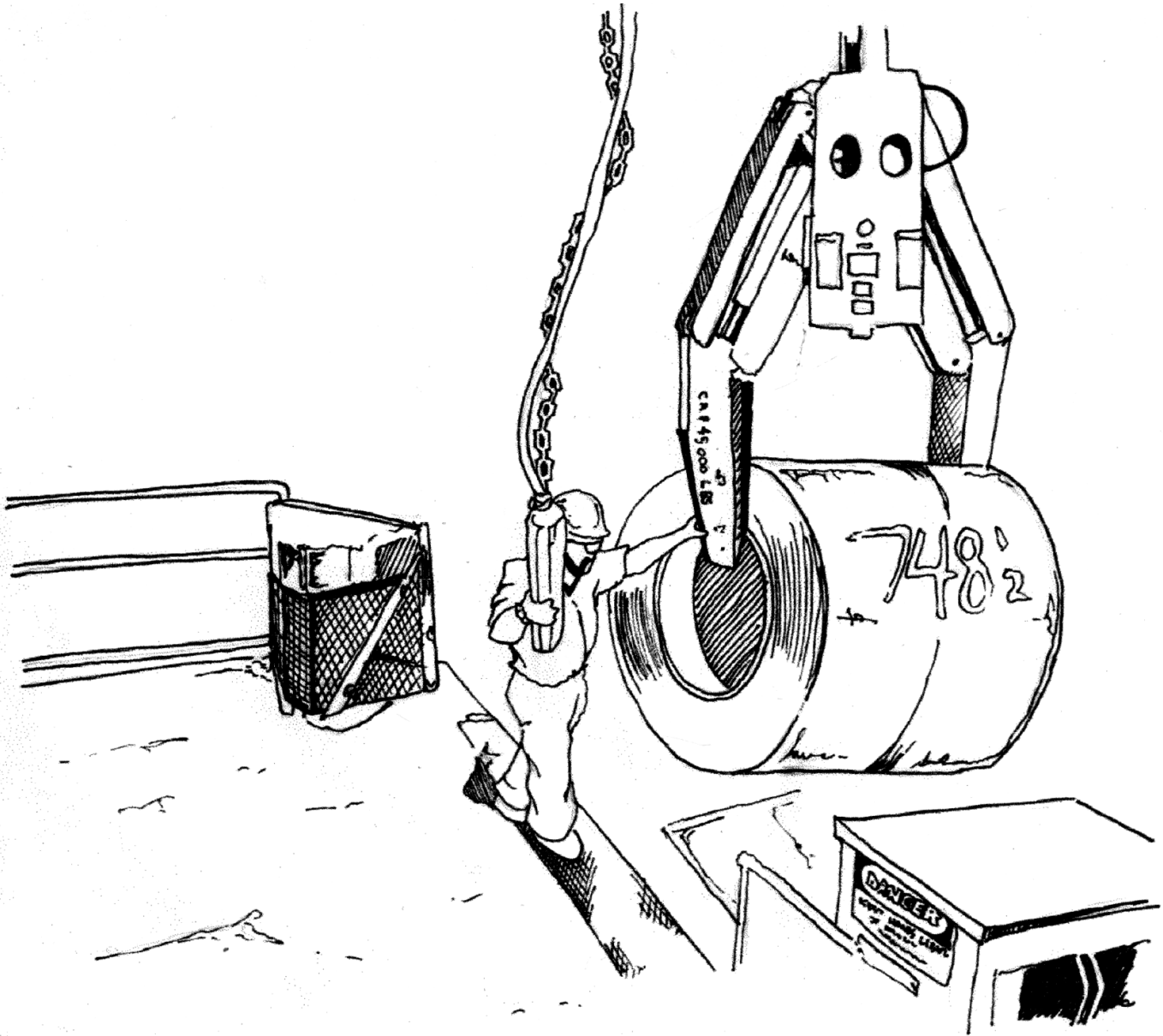
# Index

<p> <b>Grader Blades</b> ..... 12</p> <p> <b>Grating</b></p> <p style="padding-left: 20px;">Bar ..... 64</p> <p style="padding-left: 20px;">Cat Walk ..... 64</p> <p style="text-align: center;"><b>Grip Strut</b> ..... 65</p> <p> <b>Hexagons</b></p> <p style="padding-left: 20px;">Cold Rolled ..... 18</p> <p style="padding-left: 20px;">Stress Relieved ..... 18</p> <p> <b>Pipe</b> ..... 39</p> <p> <b>Plates</b></p> <p style="padding-left: 20px;">Abrasion Resisting ..... 31</p> <p style="padding-left: 20px;">Aluminum ..... 76</p> <p style="padding-left: 20px;">High Strength ..... 32-33</p> <p style="padding-left: 20px;">Hot Rolled ..... 28-30</p> <p style="padding-left: 20px;">Pickled &amp; Oiled ..... 24</p> <p style="padding-left: 20px;">Stainless Annealed &amp; Pickled ..... 71</p> <p> <b>PTO Tube/Shaft</b> ..... 44</p> <p> <b>Rebar</b> ..... 14</p> <p> <b>Redi Rod</b></p> <p style="padding-left: 20px;">Carbon Steel Rod Oil Finish ..... 15</p> <p style="padding-left: 20px;">Electro Zinc Plated ..... 15</p> <p style="padding-left: 20px;">Stainless ..... 15</p>	<p> <b>Rounds</b></p> <p style="padding-left: 20px;">Cold Rolled ..... 16-17</p> <p style="padding-left: 20px;">Galvanized ..... 13</p> <p style="padding-left: 20px;">Hot Rolled ..... 13</p> <p style="padding-left: 20px;">Stainless ..... 66</p> <p style="padding-left: 20px;">Turned Ground and Polished ..... 17</p> <p style="text-align: center;"><b>Stainless</b></p> <p> Angle ..... 66</p> <p> Annealed &amp; Pickled Plates ..... 71</p> <p> Annealed &amp; Pickled Sheets ..... 70</p> <p> Channel ..... 66</p> <p> Expanded Metal ..... 69</p> <p> Flats ..... 67</p> <p> Pipe ..... 68</p> <p> Plates ..... 71</p> <p> Polished Sheets ..... 70</p> <p> Rectangle Tubing ..... 69</p> <p> Redi Rod ..... 15</p> <p> Round ..... 66</p> <p> Sheets ..... 70</p> <p> Square Tubing ..... 69</p> <p> Squares ..... 66</p> <p> Strips ..... 67</p>
--	--

# Index

 <b>Sheets</b> Cold Rolled ..... 25 Galvanized ..... 26 Galvannealed ..... 27 High Strength ..... 32-33 Hot Rolled ..... 23-24 Paint Grip ..... 27 Pickled & Oiled ..... 24 Stainless ..... 70	 <b>Strips</b> Galvanized ..... 8 Hot Rolled ..... 8
 <b>Squares</b> Cold Rolled ..... 18 Hot Rolled ..... 13	 <b>T Iron</b> ..... 7
<b>Stress Relieved</b>  Cold Rolled Rounds ..... 17  Hexagons ..... 18  Turned Ground & Polished ..... 17	 <b>Tube</b> Pipe Size ..... 43 Power Take Off ..... 44  Rectangle ..... 41-42 Round Mechanical Electric Weld ..... 43 Round Mechanical ..... 46-60 Round ..... 45  Square ..... 40-41
	 <b>Wire Mesh</b> Rolls ..... 14 Sheets ..... 14
	<b>Wire (Blk Annealed)</b> ..... 14

AISI Carbon Steel Tolerance Ranges ..... 22
Carbon Pipe Schedules ..... 38
Decimal Conversion Table ..... 78
Fabrication ..... 81-85
Glossary of Terms ..... 79-80



## Hot Rolled Coils

Thickness and Width	Lbs. per Sq. Ft.	Grade		
		1010	P&O	A36
16ga. x 36	2.500	x	-	-
16ga. x 42	2.500	x	-	-
16ga. x 48	2.500	x	-	-
16ga. x 60	2.500	x	-	-
14ga. x 36	3.125	x	-	-
14ga. x 40	3.125	x	-	-
14ga. x 42	3.125	x	-	-
14ga. x 48	3.125	x	x	-
14ga. x 50	3.125	x	-	-
14ga. x 58	3.125	x	-	-
14ga. x 60	3.125	x	x	-
14ga. x 72	3.125	x	-	-
13ga. x 48	3.750	x	x	-
13ga. x 60	3.750	-	x	-
12ga. x 36	4.375	x	-	-
12ga. x 42	4.375	x	-	-
12ga. x 48	4.375	x	x	-
12ga. x 60	4.375	x	x	-
12ga. x 72	4.375	x	-	-
11ga. x 36	5.000	x	x	-
11ga. x 48	5.000	x	x	-
11ga. x 60	5.000	x	-	-
10ga. x 36	5.625	x	-	-
10ga. x 42	5.625	x	-	-
10ga. x 48	5.625	x	x	-
10ga. x 60	5.625	x	x	-
10ga. x 72	5.625	x	-	-
10ga. x 84	5.625	x	-	-
8ga. x 36	6.875	x	-	-
8ga. x 48	6.875	x	-	-
8ga. x 52	6.875	x	-	-

Thickness and Width	Lbs. per Sq. Ft.	Grade		
		1010	P&O	A36
7ga. x 36	7.500	x	-	-
7ga. x 38	7.500	x	-	-
7ga. x 42	7.500	x	-	-
7ga. x 48	7.500	x	x	-
7ga. x 54	7.500	x	-	-
7ga. x 60	7.500	x	x	-
7ga. x 72	7.500	x	-	-
3/16 0.177 min x 60	7.660	-	-	x
3/16 0.180 min x 48	7.660	x	x	-
3/16 0.180 min x 54-1/2	7.660	x	-	-
4 ga. 0.221 min x 48	9.375	x	-	-
1/4" x 36	10.210	x	-	-
1/4" x 37	10.210	x	-	-
1/4" x 43	10.210	x	-	-
1/4" x 46	10.210	x	-	-
1/4" x 48	10.210	x	x	x
1/4" x 50	10.210	x	-	-
1/4" x 60	10.210	x	-	x
1/4" x 72	10.210	x	-	x
5/16" x 48	12.760	x	-	-
5/16" x 60	12.760	x	-	x
5/16" x 72	12.760	-	-	x
3/8" x 36	15.320	x	-	-
3/8" x 48	15.320	x	-	x
3/8" x 60	15.320	x	-	x
3/8" x 72	15.320	x	-	x
1/2" x 36	20.420	x	-	-
1/2" x 40	20.420	-	x	-
1/2" x 48	20.420	x	-	x
1/2" x 54	20.420	-	x	-
1/2" x 60	20.420	x	-	x
1/2" x 72	20.420	-	-	x

Eliminate waste by ordering material from coils cut to your exact length requirements.

Please inquire if requirements include items not listed.

## Cold Rolled Coils

Thickness and Width	Lbs. per Sq. Ft.
22ga. x 48	1.250
22ga. x 60	1.250
20ga. x 48	1.500
20ga. x 60	1.500
18ga. x 36	2.000
18ga. x 48	2.000
18ga. x 60	2.000
16ga. x 36	2.500
16ga. x 48	2.500
16ga. x 60	2.500
16ga. x 72	2.500
14ga. x 36	3.125
14ga. x 48	3.125
14ga. x 60	3.125
14ga. x 72	3.125
12ga. x 48	4.375
11ga. x 36	5.000
11ga. x 48	5.000

## Galvanized Coils

Thickness and Width	Lbs. per Sq. Ft.
30ga. x 36	0.656
28ga. x 36	0.781
26ga. x 36	0.906
26ga. x 48	0.906
26ga. x 60	0.906
24ga. x 36	1.156
24ga. x 48	1.156
24ga. x 60	1.156
22ga. x 36	1.406
22ga. x 48	1.406
22ga. x 60	1.406
20ga. x 36	1.656
20ga. x 48	1.656
20ga. x 60	1.656
18ga. x 36	2.156
18ga. x 48	2.156
18ga. x 60	2.156
16ga. x 36	2.656
16ga. x 48	2.656
16ga. x 60	2.656
14ga. x 36	3.281
14ga. x 48	3.281
14ga. x 60	3.281
12ga. x 36	4.531
12ga. x 48	4.531
12ga. x 60	4.531
11ga. x 48	5.156
10ga. x 36	5.781
10ga. x 48	5.781
10ga. x 60	5.781

## Galvannealed Coils

Thickness and Width	Lbs. Per Sq. Ft.	Coating	
		A40	A60
18ga. x 48	2.156	-	x
18ga. x 60	2.156	-	x
16ga. x 48	2.656	x	-
14ga. x 48	3.281	x	-
14ga. x 60	3.281	x	-
12ga. x 60	4.531	x	-
11ga. x 48	5.156	x	-
11ga. x 60	5.156	x	-

## Floor Plate Coils

Thickness	Width	Lbs. per Sq. Ft.
14ga.	48	3.75
14ga.	60	3.75
12ga.	48	5.25
12ga.	60	5.25
1/8"	48	6.16
1/8"	60	6.16
1/8"	72	6.16
3/16"	48	8.71
3/16"	60	8.71
3/16"	72	8.71
1/4"	48	11.26
1/4"	60	11.26
3/8"	48	16.37
3/8"	60	16.37

Eliminate waste by ordering material from coils cut to your exact length requirements.

## High Strength Coils

Thickness and Width	Lbs. per Sq. Ft.	Grade					
		A607-45	A607-50	A607-60	A715-50	715-50 P&O	A715-80
14ga. x 48	3.125	-	-	-	X	-	-
12ga. x 48	4.375	-	-	-	X	-	-
12ga. x 60	4.375	-	-	-	X	-	-
11ga. x 48	5.000	-	-	-	-	X	-
11ga. x 51	5.000	-	-	-	-	-	X
11ga. x 60	5.000	-	-	-	X	-	-
11ga. x 72	5.000	-	-	-	X	-	-
10ga. x 48	5.625	-	-	-	X	-	X
10ga. x 60	5.625	-	-	-	X	X	X
10ga. x 72	5.625	-	X	-	-	-	X
9ga. 0.142 min x 60	6.250	-	-	-	X	X	-
8ga. 0.154 min x 48	6.875	X	-	-	-	-	-
7ga. 0.1719 min x 48	7.500	-	-	-	X	-	-
7ga. 0.1719 min x 60	7.500	-	-	-	X	-	-
3/16" 0.177 min x 48-1/2	7.660	-	-	-	X	-	-
3/16" 0.177 min x 53	7.660	-	-	X	-	-	-
3/16" 0.177 min x 54	7.660	-	-	-	X	-	-
3/16" 0.180 min x 60	7.660	-	-	-	X	X	X
3/16" 0.180 min x 72	7.660	-	X	-	X	-	-
5ga. 0.209 min x 48	8.750	-	-	-	X	-	-
1/4" 0.240 min x 41	10.210	-	-	X	-	-	-
1/4" 0.240 min x 48	10.210	-	-	-	X	-	-
1/4" 0.240 min x 51	10.210	-	-	X	-	-	-
1/4" 0.240 min x 60	10.210	-	-	-	X	X	-
1/4" 0.240 min x 61	10.210	-	-	-	-	-	X
1/4" 0.240 min x 66	10.210	-	-	X	-	-	-
1/4" 0.240 min x 72	10.210	-	X	-	X	-	-
5/16" x 48	12.760	-	-	-	-	-	X
5/16" x 56-3/4	12.760	-	-	-	-	-	X

Eliminate waste by ordering material from coils cut to your exact length requirements.

Please inquire if requirements include items not listed.