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# 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.

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## 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














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# Strips

Commercial Quality / M1020 / ASTM A-36



## Hot Rolled Strips

Size	Length	WT / FT	WT / Bar
1/8 x 1/2	20'	0.213	4.26
1/8 x 3/4	20'	0.319	6.38
1/8 x 1	20'	0.425	8.50
1/8 x 1-1/4	20'	0.531	10.62
1/8 x 1-1/2	20'	0.638	12.76
1/8 x 1-3/4	20'	0.744	14.88
1/8 x 2	20'	0.850	17.00
1/8 x 2-1/4	20'	0.956	19.12
1/8 x 2-1/2	20'	1.063	21.26
1/8 x 3	20'	1.275	25.50
1/8 x 3-1/2	20'	1.488	29.76
1/8 x 4	20'	1.700	34.00
1/8 x 5	20'	2.125	42.50
1/8 x 6	20'	2.550	51.00
1/8 x 8	10'	3.400	34.00
1/8 x 10	10'	4.250	42.50
1/8 x 12	10'	5.100	51.00
3/16 x 1/2	20'	0.319	6.38
3/16 x 3/4	20'	0.478	9.56
3/16 x 1	20'	0.638	12.76
3/16 x 1-1/4	20'	0.797	15.94
3/16 x 1-1/2	20'	0.956	19.12
3/16 x 1-3/4	20'	1.116	22.32
3/16 x 2	20'	1.275	25.50
3/16 x 2-1/2	20'	1.594	31.88
3/16 x 3	20'	1.913	38.26
3/16 x 3-1/2	20'	2.231	44.62
3/16 x 4	20'	2.550	51.00
3/16 x 5	20'	3.188	63.76
3/16 x 5-1/2	20'	3.506	70.12
3/16 x 6	20'	3.825	76.50
3/16 x 8	10'	5.100	51.00
3/16 x 10	10'	6.375	63.75
3/16 x 12	10'	7.650	76.50



## Galvanized Strips

Size	Length	WT / FT	WT / Bar
1/8 x 1	10'	0.482	4.82
1/8 x 1-1/2	10'	0.723	7.23
1/8 x 2	10'	0.963	9.63
3/16 x 1	20'	0.672	13.44
3/16 x 1-1/4	20'	0.839	16.78
3/16 x 1-1/2	20'	1.006	20.12
3/16 x 2	20'	1.342	26.84
3/16 x 3	20'	2.014	40.28
3/16 x 3-1/2	20'	2.348	46.96

**ASTM A-36** – Low carbon, structural quality steel used in bridges, building construction, and general structural applications. Estimated Minimum Mechanical Properties (EMMP):

Yield – 36,000 psi.

Tensile – 58,000 - 80,000 psi.

**M1020** – A low carbon, low manganese, general purpose, merchant quality steel that is suitable for forming and welding. Estimated Minimum Mechanical Properties (EMMP):

Yield – 43,000 psi.

Tensile – 65,000 psi.



## Hot Rolled Flats

M1020 / ASTM A-36

Size	Length	WT / FT	WT / Length
1/4 x 1/2	20'	0.425	8.50
1/4 x 3/4	20'	0.638	12.76
1/4 x 1	20'	0.850	17.00
1/4 x 1-1/4	20'	1.063	21.26
1/4 x 1-1/2	20'	1.275	25.50
1/4 x 1-3/4	20'	1.488	29.76
1/4 x 2	20'	1.700	34.00
1/4 x 2-1/4	20'	1.913	38.26
1/4 x 2-1/2	20'	2.125	42.50
1/4 x 2-3/4	20'	2.338	46.76
1/4 x 3	20'	2.550	51.00
1/4 x 3-1/2	20'	2.975	59.50
1/4 x 4	20'	3.400	68.00
1/4 x 4-1/2	20'	3.825	76.50
1/4 x 5	20'	4.250	85.00
1/4 x 5-1/2	20'	4.675	93.50
1/4 x 6	20'	5.100	102.00
1/4 x 7	20'	5.950	119.00
1/4 x 8	20'	6.800	136.00
1/4 x 10	20'	8.500	170.00
1/4 x 12	20'	10.200	204.00
5/16 x 1	20'	1.063	21.26
5/16 x 1-1/4	20'	1.328	26.56
5/16 x 1-1/2	20'	1.594	31.88
5/16 x 1-3/4	20'	1.859	37.18
5/16 x 2	20'	2.125	42.50
5/16 x 2-1/2	20'	2.656	53.12
5/16 x 3	20'	3.188	63.76
5/16 x 3-1/2	20'	3.719	74.38
5/16 x 4	20'	4.250	85.00
5/16 x 4-1/2	20'	4.781	95.62
5/16 x 5	20'	5.313	106.26
5/16 x 6	20'	6.375	127.50

## Flats



## Hot Rolled Flats

M1020 / ASTM A-36

Size	Length	WT / FT	WT / Length
3/8 x 3/4	20'	0.956	19.12
3/8 x 1	20'	1.275	25.50
3/8 x 1-1/4	20'	1.594	31.88
3/8 x 1-1/2	20'	1.913	38.26
3/8 x 1-3/4	20'	2.231	44.62
3/8 x 2	20'	2.550	51.00
3/8 x 2-1/4	20'	2.869	57.38
3/8 x 2-1/2	20'	3.188	63.76
3/8 x 2-3/4	20'	3.506	70.12
3/8 x 3	20'	3.825	76.50
3/8 x 3-1/2	20'	4.463	89.26
3/8 x 4	20'	5.100	102.00
3/8 x 4-1/2	20'	5.738	114.76
3/8 x 5	20'	6.375	127.50
3/8 x 5-1/2	20'	7.013	140.26
3/8 x 6	20'	7.650	153.00
3/8 x 6-1/2	20'	8.288	165.76
3/8 x 7	20'	8.925	178.50
3/8 x 8	20'	10.200	204.00
3/8 x 9	20'	11.480	229.60
3/8 x 10	20'	12.750	255.00
3/8 x 12	10'	15.300	153.00
3/8 x 12	20'	15.300	306.00

**M1020** – A low carbon, low manganese, general purpose, merchant quality steel that is suitable for forming and welding. Estimated Minimum Mechanical Properties (EMMP):

Yield – 43,000 psi.  
Tensile – 65,000 psi.

**Hot Rolled Flats**

M1020 / ASTM A-36

Size	Length	WT / FT	WT / Length
1/2 x 3/4	20'	1.275	25.50
1/2 x 1	20'	1.700	34.00
1/2 x 1-1/4	20'	2.125	42.50
1/2 x 1-1/2	20'	2.550	51.00
1/2 x 1-3/4	20'	2.975	59.50
1/2 x 2	20'	3.400	68.00
1/2 x 2-1/4	20'	3.825	76.50
1/2 x 2-1/2	20'	4.250	85.00
1/2 x 2-3/4	20'	4.675	93.50
1/2 x 3	20'	5.100	102.00
1/2 x 3-1/4	20'	5.525	110.50
1/2 x 3-1/2	20'	5.950	119.00
1/2 x 4	20'	6.800	136.00
1/2 x 4-1/2	20'	7.650	153.00
1/2 x 5	20'	8.500	170.00
1/2 x 5-1/2	20'	9.350	187.00
1/2 x 6	20'	10.200	204.00
1/2 x 6-1/2	20'	11.050	221.00
1/2 x 7	20'	11.900	238.00
1/2 x 8	20'	13.600	272.00
1/2 x 9	20'	15.300	306.00
1/2 x 10	20'	17.000	340.00
1/2 x 12	20'	20.400	408.00
5/8 x 1	20'	2.125	42.50
5/8 x 1-1/2	20'	3.188	63.76
5/8 x 2	20'	4.250	85.00
5/8 x 2-1/2	20'	5.313	106.26
5/8 x 3	20'	6.375	127.50
5/8 x 3-1/2	20'	7.438	148.76
5/8 x 4	20'	8.500	170.00
5/8 x 4-1/2	20'	9.563	191.26
5/8 x 5	20'	10.630	212.60
5/8 x 6	20'	12.750	255.00
5/8 x 7	20'	14.880	297.60
5/8 x 8	20'	17.000	340.00
5/8 x 9	20'	19.130	382.60
5/8 x 10	20'	21.250	425.00
5/8 x 12	20'	25.500	510.00

**Flats****Hot Rolled Flats**

M1020 / ASTM A-36

Size	Length	WT / FT	WT / Length
3/4 x 1	20'	2.550	51.00
3/4 x 1-1/2	20'	3.825	76.50
3/4 x 2	20'	5.100	102.00
3/4 x 2-1/2	20'	6.375	127.50
3/4 x 2-3/4	20'	7.013	140.26
3/4 x 3	20'	7.650	153.00
3/4 x 3-1/2	20'	8.925	178.50
3/4 x 4	20'	10.200	204.00
3/4 x 4-1/2	20'	11.480	229.60
3/4 x 5	20'	12.750	255.00
3/4 x 6	20'	15.300	306.00
3/4 x 7	20'	17.850	357.00
3/4 x 8	20'	20.400	408.00
3/4 x 9	20'	22.950	459.00
3/4 x 10	20'	25.500	510.00
3/4 x 12	20'	30.600	612.00
1 x 1-1/2	20'	5.100	102.00
1 x 2	20'	6.800	136.00
1 x 2-1/2	20'	8.500	170.00
1 x 3	20'	10.200	204.00
1 x 3-1/2	20'	11.900	238.00
1 x 4	20'	13.600	272.00
1 x 5	20'	17.000	340.00
1 x 6	20'	20.400	408.00
1 x 7	20'	23.800	476.00
1 x 8	20'	27.200	544.00
1 x 10	20'	34.000	680.00
1 x 12	20'	40.800	816.00
1-1/4 x 2	20'	8.500	170.00
1-1/4 x 3	20'	12.750	255.00
1-1/4 x 4	20'	17.000	340.00
1-1/2 x 2-1/4	20'	11.480	229.60
1-1/2 x 4-1/2	20'	22.950	459.00
2 x 5	20'	34.000	680.00

## Flats



## Galvanized Flats

ASTM A-36

Size	Length	WT / FT	WT / Length
1/4 x 1	20'	0.895	17.90
1/4 x 1-1/4	20'	1.119	22.38
1/4 x 1-1/2	20'	1.342	26.84
1/4 x 2	20'	1.789	35.78
1/4 x 2-1/2	20'	2.237	44.74
1/4 x 3	20'	2.684	53.68
1/4 x 4	20'	3.579	71.58
1/4 x 6	20'	5.368	107.36
3/8 x 2	20'	2.684	53.68
3/8 x 3	20'	4.026	80.52
3/8 x 6	20'	8.053	161.06
1/2 x 7	20'	12.526	250.52



## Hot Rolled Flats M1044

Size	Length	WT / FT	WT / Length
1/2 x 3	20'	5.100	102.00



## Hot Rolled Flats 1045

Size	Length	WT / FT	WT / Length
5/16 x 4	24'4"	4.250	103.42
3/4 x 4	20'	10.200	204.00
3/4 x 5	20'	12.750	255.00
1 x 5	20'	17.000	340.00

**H.R. Flat M1044** – This is a medium carbon, similar to the properties of 1045 but contains lesser amounts of manganese. Strength levels and heat treatability are very close to the same. Estimated Minimum Mechanical Properties (EMMP):

Yield – 44,000 psi.      Tensile – 80,000 psi.

**H.R. Flat 1045** – This is a medium carbon which increases strength levels and heat treatability. Commonly used for axles, shafts, gears, and connecting rods. Estimated Minimum Mechanical Properties (EMMP):

Yield – 60,000 psi.      Tensile – 95,000 psi.

## Flats



## Cold Drawn Flats 1018

Size	Length	WT / FT	WT / Length
1/8 x 1/2	12'	0.213	2.56
1/8 x 3/4	12'	0.319	3.83
1/8 x 1	12'	0.425	5.10
1/8 x 1-1/2	12'	0.638	7.66
1/8 x 1-3/4	12'	0.744	8.93
1/8 x 2	12'	0.850	10.20
1/8 x 2-1/2	12'	1.063	12.76
1/8 x 3	12'	1.275	15.30
1/8 x 4	12'	1.700	20.40
3/16 x 1/2	12'	0.319	3.83
3/16 x 3/4	12'	0.478	5.74
3/16 x 1	12'	0.638	7.66
3/16 x 1-1/2	12'	0.956	11.47
3/16 x 2	12'	1.275	15.30
3/16 x 2-1/2	12'	1.594	19.13
3/16 x 3	12'	1.913	22.96
3/16 x 4	12'	2.550	30.60
3/16 x 5	12'	3.188	38.26
3/16 x 6	12'	3.825	45.90
1/4 x 1/2	12'	0.425	5.10
1/4 x 3/4	12'	0.638	7.66
1/4 x 7/8	12'	0.744	8.93
1/4 x 1	12'	0.850	10.20
1/4 x 1-1/4	12'	1.063	12.76
1/4 x 1-1/2	12'	1.275	15.30
1/4 x 1-3/4	12'	1.488	17.86
1/4 x 2	12'	1.700	20.40
1/4 x 2-1/2	12'	2.125	25.50
1/4 x 3	12'	2.550	30.60
1/4 x 3-1/2	12'	2.975	35.70
1/4 x 4	12'	3.400	40.80
1/4 x 5	12'	4.250	51.00
1/4 x 6	12'	5.100	61.20
1/4 x 7	12'	5.950	71.40



## Cold Drawn Flats 1018

Size	Length	WT / FT	WT / Length
5/16 x 1/2	12'	0.531	6.37
5/16 x 1	12'	1.063	12.76
5/16 x 1-1/2	12'	1.594	19.13
5/16 x 2	12'	2.125	25.50
3/8 x 1/2	12'	0.638	7.66
3/8 x 3/4	12'	0.956	11.47
3/8 x 1	12'	1.275	15.30
3/8 x 1-1/4	12'	1.594	19.13
3/8 x 1-1/2	12'	1.913	22.96
3/8 x 2	12'	2.550	30.60
3/8 x 2-1/2	12'	3.188	38.26
3/8 x 3	12'	3.825	45.90
3/8 x 3-1/2	12'	4.463	53.56
3/8 x 3-3/4	12'	4.781	57.37
3/8 x 4	12'	5.100	61.20
3/8 x 5	12'	6.375	76.50
3/8 x 6	12'	7.650	91.80
7/16 x 1	12'	1.488	17.86
7/16 x 1-1/2	12'	2.231	26.77
7/16 x 2	12'	2.975	35.70
7/16 x 3	12'	4.463	53.56
7/16 x 4	12'	5.950	71.40

**1018** – A low carbon steel that is easily welded or brazed with fair machinability and good hardening properties. Manufactured for cold forming and bending. Estimated Minimum Mechanical Properties (EMMP): Yield 54,000 psi. Tensile 64,000 psi.

## Flats



## Cold Drawn Flats 1018

Size	Length	WT / FT	WT / Length
1/2 x 3/4	12'	1.275	15.30
1/2 x 1	12'	1.700	20.40
1/2 x 1-1/4	12'	2.125	25.50
1/2 x 1-1/2	12'	2.550	30.60
1/2 x 2	12'	3.400	40.80
1/2 x 2-1/2	12'	4.250	51.00
1/2 x 3	12'	5.100	61.20
1/2 x 3-1/2	12'	5.950	71.40
1/2 x 4	12'	6.800	81.60
1/2 x 4-1/2	12'	7.650	91.80
1/2 x 5	12'	8.500	102.00
1/2 x 6	12'	10.200	122.40
5/8 x 1	12'	2.125	25.50
5/8 x 1-1/4	12'	2.656	31.87
5/8 x 1-1/2	12'	3.188	38.26
5/8 x 1-3/4	12'	3.719	44.63
5/8 x 2	12'	4.250	51.00
5/8 x 2-1/2	12'	5.313	63.76
5/8 x 3	12'	6.375	76.50
5/8 x 4	12'	8.500	102.00
5/8 x 6	12'	12.750	153.00
5/8 x 7	12'	14.880	178.56



## Cold Drawn Flats 1018

Size	Length	WT / FT	WT / Length
3/4 x 1	12'	2.550	30.60
3/4 x 1-1/2	12'	3.825	45.90
3/4 x 2	12'	5.100	61.20
3/4 x 2-1/2	12'	6.375	76.50
3/4 x 3	12'	7.650	91.80
3/4 x 4	12'	10.200	122.40
3/4 x 5	12'	12.750	153.00
3/4 x 5-1/2	12'	14.030	168.36
3/4 x 6	12'	15.300	183.60
1 x 1-1/4	12'	4.250	51.00
1 x 1-1/2	12'	5.100	61.20
1 x 2	12'	6.800	81.60
1 x 3	12'	10.200	122.40
1 x 3-1/2	12'	11.900	142.80
1 x 4	12'	13.600	163.20