

ALLOY STEEL BARS

Hot Rolled and Cold Finished

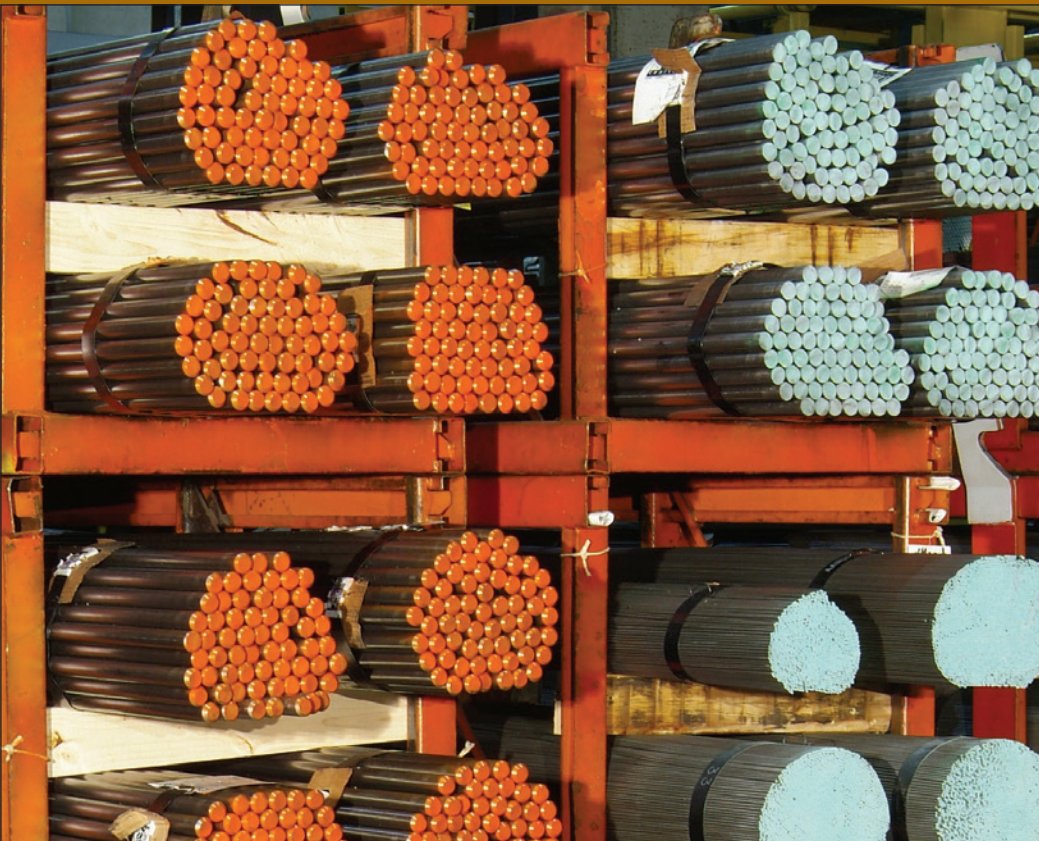
Rounds

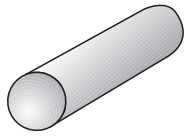
- Low Carbon – Case Hardening 8620 50
- Medium Carbon – Heat Treated ETD 150 50
- Medium Carbon – Annealed 4140, 41L40, 4150, 41L50 51

Squares 51

Flats

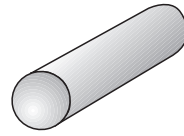
- Low Carbon 52





Alloy Steel Rounds

Hot Rolled & Cold Finished
 Low Carbon – Case Hardening
 8620, 86L20, 4140, 41L40,
 4150 & 41L50
 Lengths: HR – 20 Ft.
 CF – 10 to 12 Ft. Random
ASTM A322 HR & ASTM A331 CF



Alloy Steel Rounds

Medium Carbon – Heat Treated –
 Elevated Temperature Drawn
CR ETD 150™
 Lengths: 10 to 15 Ft. Random
ETD 150 meets ASTM A321

| Size In Inches | Weight per Ft. in Lbs. |
|----------------|------------------------|
| 1/4 | .167 |
| 3/8 | .376 |
| 7/16 | .511 |
| 1/2 | .668 |
| 9/16 | .845 |
| 5/8 | 1.043 |
| 11/16 | 1.262 |
| 3/4 | 1.502 |
| 13/16 | 1.763 |
| 7/8 | 2.045 |
| 15/16 | 2.347 |
| 1 | 2.670 |
| 1 1/16 | 3.015 |
| 1 1/8 | 3.380 |
| 1 3/16 | 3.766 |
| 1 1/4 | 4.172 |
| 1 5/16 | 4.600 |
| 1 3/8 | 5.049 |
| 1 1/2 | 6.008 |
| 1 9/16 | 6.519 |
| 1 5/8 | 7.051 |
| 1 3/4 | 8.178 |
| 1 7/8 | 9.388 |
| 1 15/16 | 10.02 |
| 2 | 10.68 |
| 2 1/8 | 12.06 |
| 2 1/4 | 13.52 |
| 2 3/8 | 15.06 |
| 2 1/2 | 16.69 |
| 2 5/8 | 18.40 |
| 2 3/4 | 20.19 |
| 2 7/8 | 22.07 |
| 3 | 24.03 |
| 3 1/8 | 26.08 |
| Continued | |

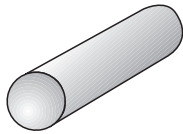
| Size In Inches | Weight per Ft. in Lbs. |
|----------------|------------------------|
| 3 1/4 | 28.21 |
| 3 1/2 | 32.71 |
| 3 5/8 | 35.09 |
| 3 3/4 | 37.55 |
| 3 7/8 | 40.10 |
| 4 | 42.73 |
| 4 1/16 | 44.07 |
| 4 1/4 | 48.23 |
| 4 3/8 | 51.11 |
| 4 1/2 | 54.08 |
| 4 5/8 | 57.12 |
| 4 3/4 | 60.25 |
| 5 | 66.76 |
| 5 1/8 | 70.13 |
| 5 1/4 | 73.60 |
| 5 1/2 | 80.78 |
| 5 3/4 | 88.29 |
| 6 | 96.13 |
| 6 1/4 | 104.30 |
| 6 1/2 | 112.80 |
| 6 3/4 | 121.70 |
| 7 | 130.90 |
| 7 1/4 | 140.40 |
| 7 1/2 | 150.20 |
| 7 3/4 | 160.40 |
| 8 | 170.90 |
| 8 1/4 | 181.80 |
| 8 1/2 | 192.90 |
| 9 | 216.30 |
| 9 1/2 | 241.00 |
| 10 | 267.00 |
| 10 1/2 | 294.40 |
| 11 | 323.10 |
| 12 | 384.50 |

| Size In Inches | Weight per Ft. in Lbs. |
|----------------|------------------------|
| 7/16 | .511 |
| 1/2 | .668 |
| 5/8 | 1.043 |
| 3/4 | 1.502 |
| 7/8 | 2.045 |
| 1 | 2.670 |
| 1 1/8 | 3.380 |
| 1 3/16 | 3.766 |
| 1 1/4 | 4.172 |
| 1 3/8 | 5.049 |
| 1 7/16 | 5.518 |
| 1 1/2 | 6.008 |
| 1 5/8 | 7.051 |
| 1 3/4 | 8.178 |
| Continued | |

| Size In Inches | Weight per Ft. in Lbs. |
|----------------|------------------------|
| 1 13/16 | 8.733 |
| 1 7/8 | 9.388 |
| 2 | 10.68 |
| 2 1/8 | 12.06 |
| 2 1/4 | 13.52 |
| 2 3/8 | 15.06 |
| 2 1/2 | 16.69 |
| 2 5/8 | 18.40 |
| 2 3/4 | 20.19 |
| 2 7/8 | 22.07 |
| 3 | 24.03 |
| 3 1/8 | 26.07 |
| 3 1/4 | 28.21 |
| 3 1/2 | 32.71 |



Forged and rough turned bars available.



Alloy Steel Rounds Annealed

Medium Carbon – Heat Treated
Quenched, Tempered, Machine
Special Straightened & SR

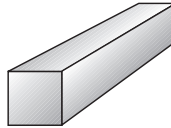
Lengths: HR – 20 Ft.
CF – 10 to 12 Ft. Random

4140, 41L40, 4150, 41L50
conforms to ASTM A322 HR
& ASTM A331 CF

| Size In Inches | Weight per Ft. in Lbs. | Size In Inches | Weight per Ft. in Lbs. |
|----------------------|------------------------------|----------------------|------------------------------|
| 3/8 | .376 | 3 1/8 | 26.08 |
| 7/16 | .511 | 3 1/4 | 28.21 |
| 1/2 | .688 | 3 3/8 | 30.42 |
| 9/16 | .845 | 3 4 | 32.71 |
| 5/8 | 1.043 | 3 5/8 | 35.09 |
| 11/16 | 1.262 | 3 3/4 | 37.55 |
| 3/4 | 1.502 | 4 | 42.73 |
| 13/16 | 1.763 | 4 1/8 | 45.44 |
| 7/8 | 2.045 | 4 1/4 | 48.23 |
| 15/16 | 2.347 | 4 1/2 | 54.08 |
| 1 | 2.670 | 4 3/4 | 60.25 |
| 1 1/16 | 3.015 | 5 | 66.76 |
| 1 1/8 | 3.380 | 5 1/4 | 73.60 |
| 1 1/4 | 4.172 | 5 1/2 | 80.78 |
| 1 3/8 | 5.049 | 5 3/4 | 88.29 |
| 1 1/2 | 6.008 | 6 | 96.13 |
| 1 9/16 | 6.519 | 6 1/4 | 104.3 |
| 1 5/8 | 7.051 | 6 1/2 | 112.8 |
| 1 3/4 | 8.178 | 6 3/4 | 121.7 |
| 1 7/8 | 9.388 | 7 | 130.9 |
| 2 | 10.68 | 7 1/4 | 140.4 |
| 2 1/8 | 12.06 | 7 1/2 | 150.2 |
| 2 1/4 | 13.52 | 7 3/4 | 160.4 |
| 2 3/8 | 15.06 | 8 | 170.9 |
| 2 1/2 | 16.69 | 8 1/4 | 181.8 |
| 2 5/8 | 18.40 | 8 1/2 | 192.9 |
| 2 3/4 | 20.19 | 8 3/4 | 204.4 |
| 2 7/8 | 22.07 | 9 | 216.3 |
| 2 15/16 | 23.04 | 9 1/4 | 228.5 |
| 3 | 24.03 | 9 1/2 | 245.7 |

Continued

Forged and rough turned bars available.



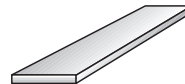
Alloy Steel Squares

Hot Rolled & Cold Finished

Lengths: HR – 20 Ft.
CF – 10 to 12 Ft. Random

| Size In Inches | Weight per Ft. in Lbs. | Size In Inches | Weight per Ft. in Lbs. |
|----------------------|------------------------------|----------------------|------------------------------|
| 1/4 | .213 | 1 1/2 | 7.650 |
| 5/16 | .332 | 1 3/4 | 10.41 |
| 3/8 | .478 | 2 | 13.60 |
| 1/2 | .850 | 2 1/2 | 21.25 |
| 5/8 | 1.328 | 3 | 30.60 |
| 3/4 | 1.913 | 3 1/2 | 41.65 |
| 7/8 | 2.603 | 4 | 54.40 |
| 1 | 3.400 | 4 1/2 | 68.85 |
| 1 1/8 | 4.303 | 5 | 85.00 |
| 1 1/4 | 5.313 | 5 1/2 | 102.9 |
| 1 3/8 | 6.482 | 6 | 122.4 |

Continued



Alloy Steel Flats

Hot Rolled

Available from saw cut plate.