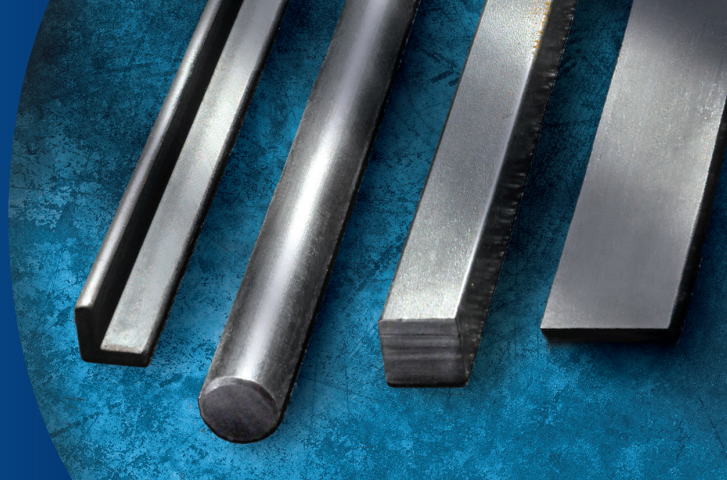


1SERIES-BPS®



CMC's innovative multi-grade

1Series-BPS® is CMC's proprietary multi-grade product that allows customers to utilize a single stock for several business segments including structural fabricators, bridge fabricators, metal building manufacturers and other manufacturing sectors.

MULTIPLE CONFIGURATIONS AVAILABLE



ANGLES



CHANNELS



FLATS



ROUNDS



SQUARES

Grades Available

1Series-BPS® is available in two grades - A36/529-55 and A36/529-50. Our multi-grade steel is produced using melt shop and rolling mill practices which allow us to control the chemical and physical properties of the product. The producing mills and 1Series-BPS® grades available by product are listed on the chart on the back of this flyer.

Material produced as 1Series-BPS® A36/529-55 will meet the following grades:

| ASTM | AASHTO | CSA G40. 21-04 |
|---------|---------|----------------|
| A36 | M270-36 | 44W |
| A529-50 | M270-50 | 50W |
| A529-55 | | 55W |
| A572-50 | | |
| A572-55 | | |
| A709-36 | | |
| A709-50 | | |

Material produced as 1Series-BPS® A36/529-50 will meet the following grades:

| ASTM | AASHTO | CSA G40. 21-04 |
|---------|---------|----------------|
| A36 | M270-36 | 44W |
| A529-50 | M270-50 | 50W |
| A572-50 | | |
| A709-36 | | |
| A709-50 | | |
| A992 | | |



BENEFITS

1
Lowers total cost of inventory

2
Allows cross-grading

3
Reduces minimums per grade

4
Lowers safety stock requirements

FOR MORE INFORMATION:

website:
cmc.com/merchantbar

or contact:
your local CMC sales representative

1SERIES-BPS®

1Series-BPS® SPECIFICATIONS

| | AL | SC | TX |
|---------------------|------|----|----|
| EQUAL ANGLES | | | |
| 1 x 1 x | 1/8 | ● | |
| | 3/16 | ● | |
| | 1/4 | ● | |
| 1 1/4 x 1 1/4 x | 1/8 | ● | |
| | 3/16 | ● | |
| | 1/4 | ● | |
| 1 1/2 x 1 1/2 x | 1/8 | ● | |
| | 3/16 | ● | |
| | 1/4 | ● | |
| 1 3/4 x 1 3/4 x | 1/8 | ● | |
| | 3/16 | ● | ● |
| | 1/4 | ● | ● |
| 2 x 2 x | 1/8 | ● | ● |
| | 3/16 | ● | ● |
| | 1/4 | ● | ● |
| | 5/16 | ● | ● |
| | 3/8 | ● | ● |
| 2 1/2 x 2 1/2 x | 3/16 | ● | ● |
| | 1/4 | ● | ● |
| | 5/16 | ● | |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| 3 x 3 x | 3/16 | ● | ● |
| | 1/4 | ● | ● |
| | 5/16 | ● | ● |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| 3 1/2 x 3 1/2 x | 1/4 | ● | ● |
| | 5/16 | ● | |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| | 3/4 | ● | ● |
| 4 x 4 x | 1/4 | ● | ● |
| | 5/16 | ● | ● |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| | 5/8 | ● | |
| | 3/4 | ● | ● |
| | 1 | ● | |
| 5 x 5 x | 5/16 | ● | ● |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| | 5/8 | ● | |
| | 3/4 | ● | ● |
| | 1 | ● | |
| | 1 | ● | |
| 6 x 6 x | 5/16 | ● | ● |
| | 3/8 | ● | ● |
| | 7/16 | ● | |
| | 1/2 | ● | ● |
| | 5/8 | ● | |
| | 3/4 | ● | ● |

| | AL | SC | TX |
|-----------------------|------|----|----|
| UNEQUAL ANGLES | | | |
| 2 x 1 1/2 | 1/8 | ● | |
| | 1/4 | ● | |
| 2 1/2 x 2 | 3/16 | ● | |
| | 1/4 | ● | |
| 3 x 2 x | 3/16 | ● | ● |
| | 1/4 | ● | ● |
| 3 x 2 1/2 x | 3/16 | ● | |
| | 1/4 | ● | ● |
| | 5/16 | ● | ● |
| 3 1/2 x 2 1/2 x | 1/4 | ● | |
| | 5/16 | ● | |
| | 3/8 | ● | |
| | 1/2 | ● | |
| 3 1/2 x 3 | 1/4 | ● | |
| | 5/16 | ● | |
| | 3/8 | ● | |
| | 1/2 | ● | |
| 4 x 3 x | 1/4 | ● | ● |
| | 5/16 | ● | |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| 4 x 3 1/2 x | 1/4 | ● | ● |
| | 5/16 | ● | |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| 5 x 3 x | 1/4 | ● | ● |
| | 5/16 | ● | ● |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| 5 x 3 1/2 x | 1/4 | ● | ● |
| | 5/16 | ● | ● |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| | 3/4 | ● | ● |
| 6 x 3 1/2 x | 5/16 | ● | ● |
| | 3/8 | ● | |
| | 1/2 | ● | |
| 6 x 4 x | 5/16 | ● | ● |
| | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| 7 x 4 x | 3/8 | ● | ● |
| | 1/2 | ● | ● |
| | 1 | ● | |
| 8 x 4 x | 1/2 | | |
| | 1 | | |
| 8 x 6 x | 1/2 | | |
| | 1 | | |

| | AL | SC | TX |
|--------------|------|----|----|
| FLATS | | | |
| 1 1/2 x | 1/4 | ◆ | |
| | 3/8 | ◆ | ● |
| | 1/2 | ◆ | ● |
| | 5/8 | | ● |
| | 1 | | ● |
| 2 x | 1/4 | ◆ | ● |
| | 5/16 | ◆ | |
| | 3/8 | ◆ | ● |
| | 1/2 | ◆ | ● |
| | 5/8 | ◆ | ● |
| 2 1/2 x | 1/4 | ◆ | ● |
| | 3/8 | ◆ | ● |
| | 1/2 | ◆ | ● |
| | 5/8 | | |
| | 3/4 | ◆ | ● |
| 3 x | 1/4 | ◆ | ● |
| | 3/8 | ◆ | ● |
| | 1/2 | ◆ | ● |
| | 5/8 | | ● |
| | 3/4 | ◆ | ● |
| 3 1/2 x | 1/4 | ◆ | ● |
| | 3/8 | ◆ | ● |
| | 1/2 | ◆ | ● |
| | 5/8 | | |
| | 3/4 | ◆ | ● |
| 4 x | 1/4 | ◆ | ● |
| | 5/16 | ◆ | ● |
| | 3/8 | ◆ | ● |
| | 1/2 | ◆ | ● |
| | 5/8 | ◆ | ● |
| 4 1/2 x | 1/4 | ◆ | ◆ |
| | 3/8 | ◆ | ◆ |
| | 1/2 | ◆ | ◆ |
| | 5/8 | ◆ | ◆ |
| | 3/4 | ◆ | ◆ |
| 5 x | 1/4 | ◆ | ◆ |
| | 5/16 | ◆ | ◆ |
| | 3/8 | ◆ | ◆ |
| | 7/16 | ◆ | ◆ |
| | 1/2 | ◆ | ◆ |

| | AL | SC | TX |
|--------------|-------|----|----|
| FLATS | | | |
| 5 x | 1 1/2 | ● | |
| | 2 | ● | |
| 5 1/2 x | 3/8 | ◆ | |
| | 1/2 | ◆ | |
| | 3/4 | ◆ | |
| | 1 | ◆ | |
| 6 x | 1/4 | ◆ | ◆ |
| | 5/16 | ◆ | ◆ |
| | 3/8 | ◆ | ◆ |
| | 7/16 | ◆ | |
| | 1/2 | ◆ | ◆ |
| | 5/8 | ◆ | ◆ |
| | 3/4 | ◆ | ◆ |
| 7 x | 1/4 | ◆ | |
| | 5/16 | ◆ | |
| | 3/8 | ◆ | ◆ |
| | 7/16 | ◆ | |
| | 1/2 | ◆ | ◆ |
| 8 x | 1/4 | ◆ | ◆ |
| | 5/16 | ◆ | ◆ |
| | 3/8 | ◆ | ◆ |
| | 7/16 | ◆ | |
| | 1/2 | ◆ | ◆ |
| | 5/8 | ◆ | ◆ |
| | 3/4 | ◆ | ◆ |
| | 1 | ◆ | ◆ |
| | 1 1/8 | ● | |
| | 1 1/4 | ● | |
| 9 x | 3/8 | ◆ | |
| | 1/2 | ◆ | |
| | 5/8 | ◆ | |
| | 3/4 | ◆ | |
| | 1 | ◆ | |
| | 1 1/2 | ◆ | |
| 10 x | 3/8 | ◆ | ◆ |
| | 1/2 | ◆ | ◆ |
| | 5/8 | ◆ | |
| | 3/4 | ◆ | |
| | 1 | ◆ | ◆ |
| 11 x | 3/8 | ◆ | |
| | 1/2 | ◆ | |
| | 5/8 | ◆ | |
| 12 x | 3/8 | ◆ | ◆ |
| | 1/2 | ◆ | ◆ |
| | 5/8 | ◆ | |
| | 3/4 | ◆ | ◆ |

| | AL | SC | TX |
|-----------------|----|----|----|
| CHANNELS | | | |
| 3" @ 3.5# | | ● | ● |
| 3" @ 4.1# | | ● | ● |
| 3" @ 5# | | ● | ● |
| 3" @ 6# | | ● | ● |
| 4" @ 4.5# | ● | | ● |
| 4" @ 5.4# | ● | | ● |
| 4" @ 7.25# | ● | | ● |
| 5" @ 6.7# | ● | | ● |
| 5" @ 9.0# | ● | | ● |
| 6" @ 8.2# | ● | | ● |
| 6" @ 10.5# | ● | | ● |
| 6" @ 13.0# | ● | | ● |
| 7" @ 9.8# | ● | | ● |
| 7" @ 12.25# | ● | | ● |
| 7" @ 14.75# | ● | | ● |
| 8" @ 8.5# | ● | | ● |
| 8" @ 11.5# | ● | | ● |
| 8" @ 13.75# | ● | | ● |
| 8" @ 18.75# | ● | | ● |

| | AL | SC | TX |
|---------------|----|----|----|
| ROUNDS | | | |
| 1/2" | | ● | |
| 9/16" | | ● | |
| 5/8" | | ● | |
| 11/16" | | ● | |
| 3/4" | | ● | ● |
| 13/16" | | ● | |
| 7/8" | | ● | ● |
| .910" | | | ● |
| 1" | | ● | ● |
| 1 1/8" | | ● | ● |
| 1.150" | | | ● |
| 1 1/4" | | ● | ● |
| 1 3/8" | | ● | ● |
| 1 1/2" | | ● | ● |
| 1 3/4" | | ● | ● |
| 2" | | ● | |
| 2 1/4" | | ● | |
| 2 1/2" | | ● | |
| 3" | | ● | |

| | AL | SC | TX |
|----------------|----|----|----|
| SQUARES | | | |
| 1/2" | | ● | |
| 5/8" | | ● | |
| 3/4" | | ● | ● |
| 1" | | ● | ● |
| 1 1/4" | | ● | ● |
| 1 1/2" | | ● | ● |
| 1 3/4" | | ● | |
| 2" | | ● | |

◆ 1Series-BPS® A36/529-55 MATERIAL

● 1Series-BPS® A36/529-50 MATERIAL



it's what's **inside** that counts

We're CMC. You'll find our products strengthening and reinforcing the infrastructure nearly everywhere on the planet – in sports stadiums and public buildings as well as highways, bridges, railways and other structures. To serve this global market, CMC maintains facilities across the United States, Europe and Asia. These sites include everything from local recycling centers, steel mini-mills and micro-mills to large-scale fabrication centers, heat-treating facilities as well as other operations.

cmc.com