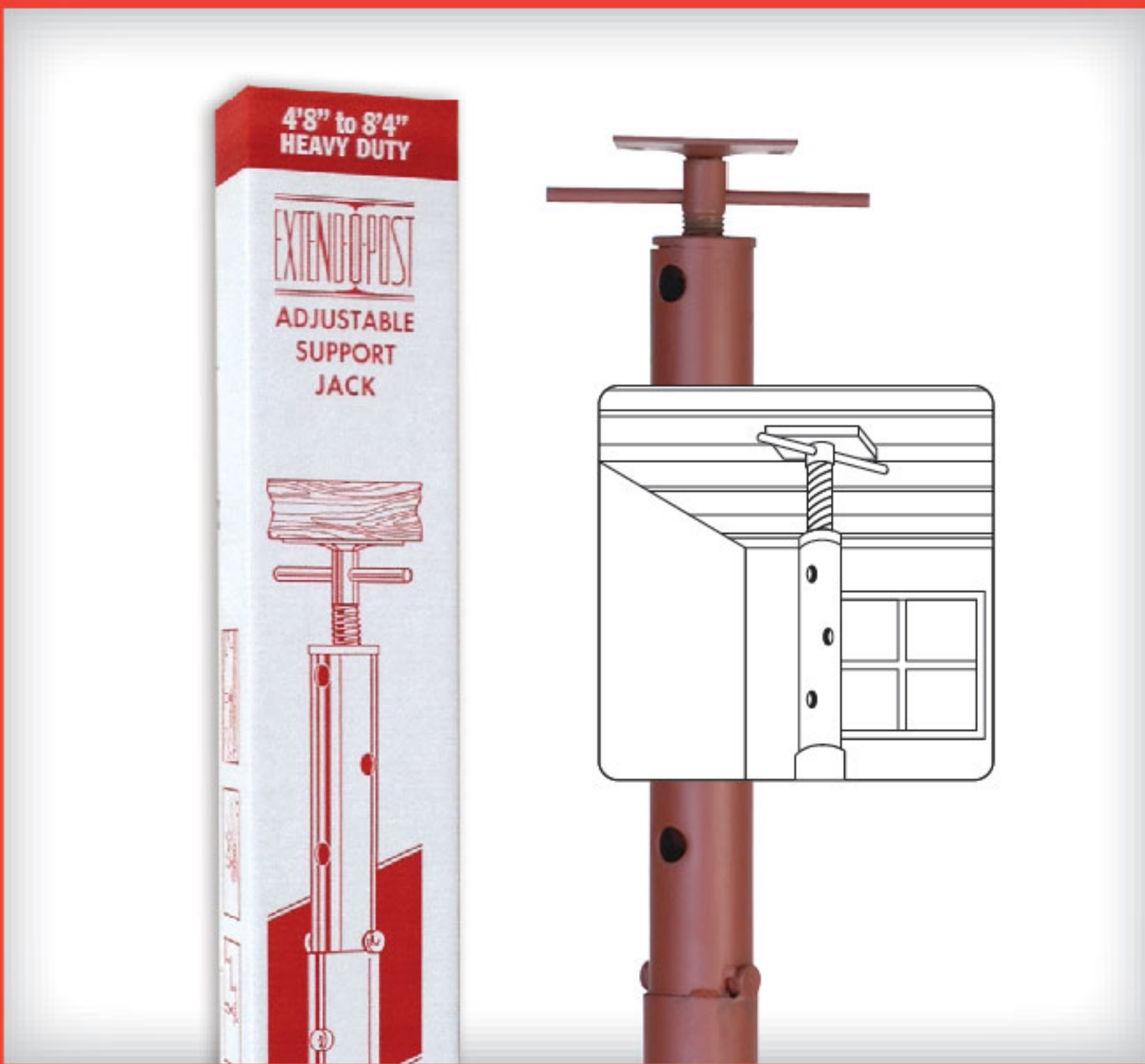




# MARSHALL STAMPING COMPANY

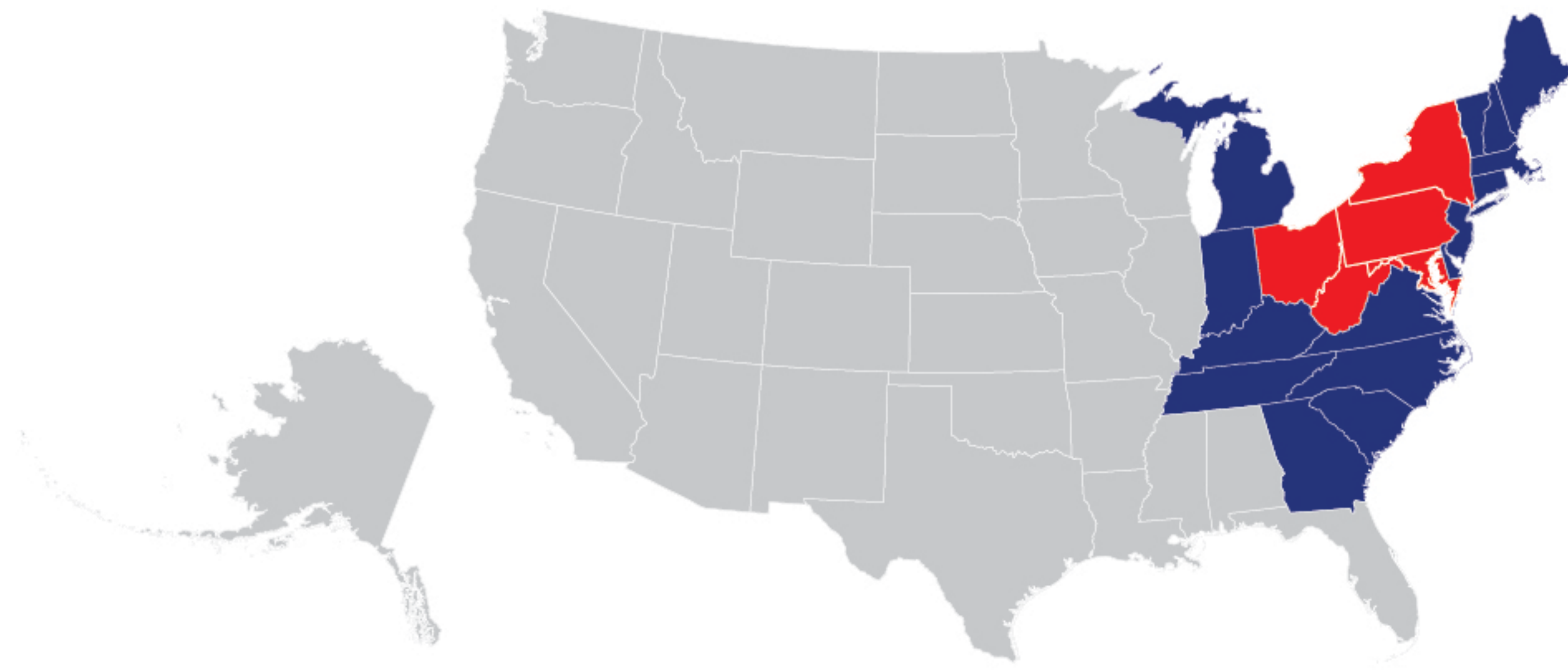
Manufacturer of  
*Quality Building Products*  
Since 1951

355 Glade Mills Road | Valencia, PA 16059-3315  
P: 800.635.1166 | P: 724.898.2900 | F: 724.898.3339

[www.marshallstamping.com](http://www.marshallstamping.com)



## Terms of Sale



### PREPAID SHIPMENTS FROM FACTORY, VALENCIA, PA 16059

- Orders of Combined Products Over \$4,500.00 NET
- Shipped to Ohio, Pennsylvania, Upstate New York, and West Virginia
- Orders of Combined Products Over \$5,500.00 NET
- Shipped to Delaware, Indiana, Kentucky, Long Island, New York, Maryland, Michigan, New England, New Jersey, New York City, Northern Georgia, North and South Carolina, Tennessee, and Virginia

### F.O.B. SHIPMENTS FROM FACTORY, VALENCIA, PA 16059

- All orders not meeting the prepaid dollar requirements
- All orders in states not listed above
- Special quotations are available for larger dollar amounts, half and full truckloads

### FREIGHT CHARGE METHOD

- Collect, or
- Prepaid and Added to the Invoice

- Orders subject to credit approval of this company before shipment.
- Claims for shortage or damage must be made within 48 hours.  
Count and check shipments before signing “clear” delivery receipt of carrier.  
If shortages or damages are not noted on the carrier’s delivery receipt at time of delivery, no claim can be allowed. Deductions from invoices for shortages or damage claims will not be allowed.
- No returns accepted without our prior written consent. Returned goods subject to a minimum 25% re-handling charge.
- All shipments are dependent upon absence of floods, fires, material commodity shortages, production and shipping interruptions or other circumstances beyond our control.
- Prices subject to change without notice.

## Terms of Payment

1% 10 Days – Net 30 Days

Interest at 1.5% monthly added on past due accounts.





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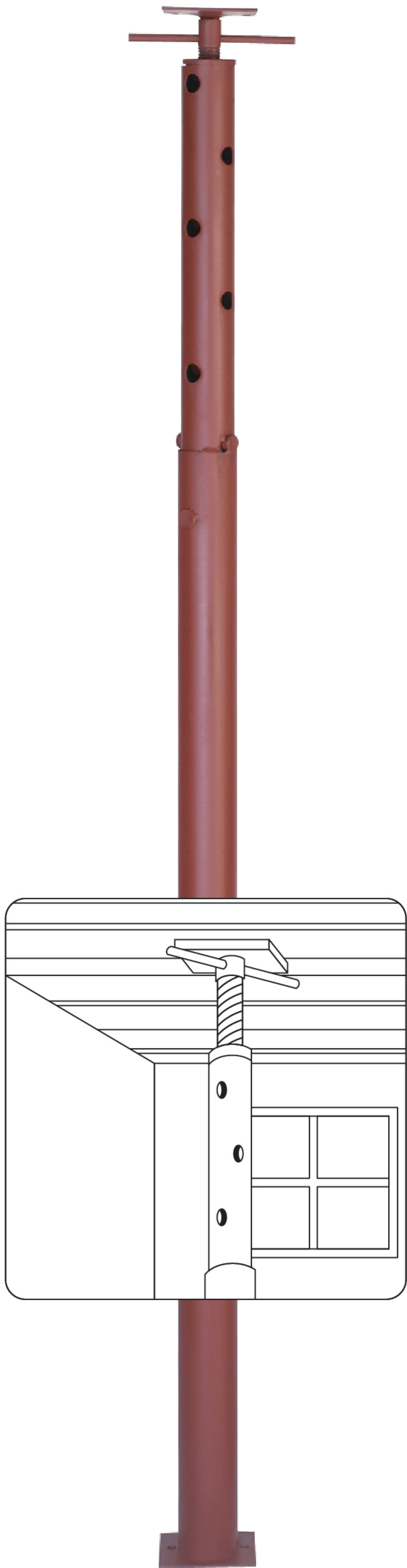
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American Flag represents items **MADE IN U.S.A.**







# EXTEND-O-POST®

Extend-O-Post® is perfect for temporarily reinforcing existing floors under heavy load areas, but are not recommended for permanent supports in new construction. There's nothing easier to use for supporting sagging floors, weak beams, and warping stairways. With Extend-O-Post® the possibilities are unlimited.

- Various load capacities; 8,000 lbs to 18,000 lbs\*
- Flow-coated with red corrosion-resistant paint
- Packed complete with installation instructions in a color coded, trilingual carton
- U.P.C. symbol on carton
- Standard Pallet Quantities for Model Nos. 79 and 84, 80 units; 84HD, 50 units

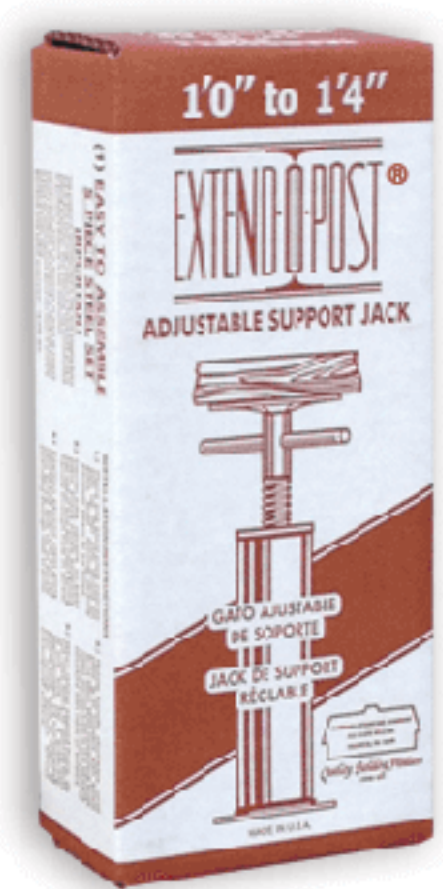
| Model  | Adjustment    | Weight (#) | Maximum Load* | Carton Color Code |
|--------|---------------|------------|---------------|-------------------|
| JP16   | 1'0" to 1'4"  | 5.0        | 15,000#       | Brown             |
| JP36   | 1'7" to 3'0"  | 9.0        | 10-14,000     | Blue              |
| JP55   | 2'10" to 4'7" | 12.0       | 10-14,000     | Purple            |
| JP79   | 4'5" to 7'9"  | 17.5       | 8-12,000      | Green             |
| JP84   | 4'8" to 8'4"  | 19.0       | 8-12,000      | Black             |
| JP84HD | 4'8" to 8'4"  | 25.0       | 10-18,000     | Red               |

\*Maximum Load obtained at lowest adjustment.





# Jack Posts



**SHORTY  
NO. 16  
1'0" - 1'4"**



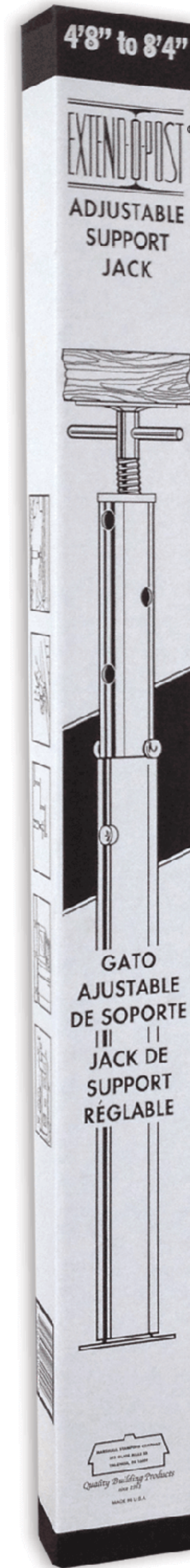
**SHORTY  
NO. 36  
1'7" - 3'0"**



**SHORTY  
NO. 55  
2'10" - 4'7"**



**STANDARD  
NO. 79  
4'5" - 7'9"**



**STANDARD  
NO. 84  
4'8" - 8'4"**



**HEAVY DUTY  
NO. 84HD  
4'8" - 8'4"**

## Component Specifications

Standard Model Nos. 79, 84  
Shorty Model Nos. 16, 36, 55

- Inner Tube: 2-1/4" x 15 Gauge Prime Steel Tubing
- Outer Tube: 2-1/2" x 15 Gauge Prime Steel Tubing
- 2-1/4" Steel Collar
- 1" x 6" Steel Screw
- 2 - 4" x 4" x 10 Gauge Steel Plates
- 7" Turning Handle
- Grooved Pin and Plain Pin
- Trilingual, Color Coded Cartons

## Component Specifications

Heavy Duty Model No. 84HD

- Inner Tube: 2-1/2" x 14 Gauge Prime Steel Tubing
- Outer Tube: 2-3/4" x 14 Gauge Prime Steel Tubing
- 2-1/2" Steel Collar
- 1-1/4" x 6" Steel Screw
- 2 - 4" x 6" x 7 Gauge Steel Plates
- 7" Turning Handle
- Grooved Pin and Plain Pin
- Trilingual, Color Coded Carton



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# Steel Columns



## Adjustable Length



**3" DIAMETER ROUND | 11 GAUGE**  
See ATI-ES Code Compliance Research Report (CCRR-0145)  
See CCMC Registry of Product Evaluations (CCMC 13610-L) for use in Canada.

### 3" DIAMETER ROUND | 11 GAUGE – ADJUSTABLE

| Model  | Adj. Length    | Weight (#) | Maximum Load* |
|--------|----------------|------------|---------------|
| AC360  | 6'0" - 6'4"    | 29         | 18,700#       |
| AC363  | 6'3" - 6'7"    | 30         | 18,200        |
| AC366  | 6'6" - 6'10"   | 31         | 17,800        |
| AC369  | 6'9" - 7'1"    | 32         | 17,300        |
| AC370  | 7'0" - 7'4"    | 33         | 16,800        |
| AC373  | 7'3" - 7'7"    | 34         | 16,300        |
| AC376  | 7'6" - 7'10"   | 35         | 15,800        |
| AC379  | 7'9" - 8'1"    | 36         | 15,300        |
| AC380  | 8'0" - 8'4"    | 37         | 14,800        |
| AC383  | 8'3" - 8'7"    | 38         | 14,200        |
| AC386  | 8'6" - 8'10"   | 39         | 13,800        |
| AC389  | 8'9" - 9'1"    | 40         | 13,300        |
| AC390  | 9'0" - 9'4"    | 41         | 12,800        |
| AC393  | 9'3" - 9'7"    | 42         | 12,300        |
| AC396  | 9'6" - 9'10"   | 43         | 11,800        |
| AC399  | 9'9" - 10'1"   | 44         | 11,300        |
| AC3100 | 10'0" - 10'4"  | 45         | 10,900        |
| AC3103 | 10'3" - 10'7"  | 46         | 10,400        |
| AC3106 | 10'6" - 10'10" | 47         | 10,100        |
| AC3109 | 10'9" - 11'1"  | 48         | 9,500         |
| AC3110 | 11'0" - 11'4"  | 49         | 9,100         |
| AC3113 | 11'3" - 11'7"  | 50         | 8,700         |
| AC3116 | 11'6" - 11'10" | 51         | 8,300         |
| AC3119 | 11'9" - 12'1"  | 52         | 8,000         |
| AC3120 | 12'0" - 12'4"  | 53         | 7,600         |



- Complies with IRC and IBC
- Completely assembled:  
4" x 8" plate welded to top end and 3-1/2" x 6" plate permanently attached to screw on bottom end
- Flow-coated inside and out with red corrosion-resistant paint
- Straps available upon request
- Special sizes available upon request
- Standard Bundles:  
3" – 25 pieces  
3-1/2" – 25 pieces

\*All loads listed are with adjustable screw completely extended and encased in concrete.



**3-1/2" DIAMETER ROUND | 11 GAUGE**  
See ATI-ES Code Compliance Research Report (CCRR-0145)  
See CCMC Registry of Product Evaluations (CCMC 13610-L) for use in Canada.

### 3-1/2" DIAMETER ROUND | 11 GAUGE – ADJUSTABLE

| Model   | Adj. Length    | Weight (#) | Maximum Load* |
|---------|----------------|------------|---------------|
| AC3560  | 6'0" - 6'4"    | 33.5       | 23,800#       |
| AC3563  | 6'3" - 6'7"    | 34.5       | 23,400        |
| AC3566  | 6'6" - 6'10"   | 35.5       | 22,900        |
| AC3569  | 6'9" - 7'1"    | 36.5       | 22,500        |
| AC3570  | 7'0" - 7'4"    | 37.5       | 22,000        |
| AC3573  | 7'3" - 7'7"    | 38.5       | 21,500        |
| AC3576  | 7'6" - 7'10"   | 39.5       | 21,000        |
| AC3579  | 7'9" - 8'1"    | 40.5       | 20,500        |
| AC3580  | 8'0" - 8'4"    | 41.5       | 20,000        |
| AC3583  | 8'3" - 8'7"    | 42.5       | 19,500        |
| AC3586  | 8'6" - 8'10"   | 43.5       | 19,000        |
| AC3589  | 8'9" - 9'1"    | 44.5       | 18,600        |
| AC3590  | 9'0" - 9'4"    | 45.5       | 18,100        |
| AC3593  | 9'3" - 9'7"    | 46.5       | 17,500        |
| AC3596  | 9'6" - 9'10"   | 47.5       | 17,100        |
| AC3599  | 9'9" - 10'1"   | 48.5       | 16,600        |
| AC35100 | 10'0" - 10'4"  | 49.5       | 16,100        |
| AC35103 | 10'3" - 10'7"  | 50.5       | 15,600        |
| AC35106 | 10'6" - 10'10" | 51.5       | 15,100        |
| AC35109 | 10'9" - 11'1"  | 52.5       | 14,600        |
| AC35110 | 11'0" - 11'4"  | 53.5       | 14,100        |
| AC35113 | 11'3" - 11'7"  | 54.5       | 13,700        |
| AC35116 | 11'6" - 11'10" | 55.5       | 13,200        |
| AC35119 | 11'9" - 12'1"  | 56.5       | 12,700        |
| AC35120 | 12'0" - 12'4"  | 57.5       | 12,200        |

### IMPORTANT

Column selection should be based upon structural calculations completed by a registered, professional engineer. Not responsible for the installation, alteration, or modification of any completed product, or the usage of any component in the fabrication of any product beyond our control

See ATI-ES Code Compliance Research Report (CCRR-0145)

See CCMC Registry of Product Evaluations (CCMC 13610-L) for use in Canada.





# Steel Columns



## Adjustable Length



**4" DIAMETER ROUND | 11 GAUGE**  
See ATI-ES Code Compliance Research Report (CCRR-0145)

### 4" DIAMETER ROUND | 11 GAUGE – ADJUSTABLE

| Model  | Adj. Length    | Weight (#) | Maximum Load* |
|--------|----------------|------------|---------------|
| AC460  | 6'0" - 6'4"    | 37.8       | 28,900#       |
| AC463  | 6'3" - 6'7"    | 39.0       | 28,500        |
| AC466  | 6'6" - 6'10"   | 40.3       | 28,100        |
| AC469  | 6'9" - 7'1"    | 41.5       | 27,600        |
| AC470  | 7'0" - 7'4"    | 42.8       | 27,200        |
| AC473  | 7'3" - 7'7"    | 44.0       | 26,800        |
| AC476  | 7'6" - 7'10"   | 45.3       | 26,300        |
| AC479  | 7'9" - 8'1"    | 46.5       | 25,800        |
| AC480  | 8'0" - 8'4"    | 47.8       | 25,300        |
| AC483  | 8'3" - 8'7"    | 49.0       | 24,800        |
| AC486  | 8'6" - 8'10"   | 50.3       | 24,400        |
| AC489  | 8'9" - 9'1"    | 51.5       | 23,900        |
| AC490  | 9'0" - 9'4"    | 52.8       | 23,400        |
| AC493  | 9'3" - 9'7"    | 54.0       | 23,000        |
| AC496  | 9'6" - 9'10"   | 55.3       | 22,400        |
| AC499  | 9'9" - 10'1"   | 56.5       | 21,900        |
| AC4100 | 10'0" - 10'4"  | 57.8       | 21,400        |
| AC4103 | 10'3" - 10'7"  | 59.0       | 20,900        |
| AC4106 | 10'6" - 10'10" | 60.3       | 20,400        |
| AC4109 | 10'9" - 11'1"  | 61.5       | 19,900        |
| AC4110 | 11'0" - 11'4"  | 62.8       | 19,500        |
| AC4113 | 11'3" - 11'7"  | 64.0       | 18,900        |
| AC4116 | 11'6" - 11'10" | 65.3       | 18,400        |
| AC4119 | 11'9" - 12'1"  | 66.5       | 17,900        |
| AC4120 | 12'0" - 12'4"  | 67.8       | 17,400        |



- Complies with IRC and IBC
- Completely assembled:  
4" x 8" plate welded to top end and 3-1/2" x 6" plate permanently attached to screw on bottom end
- Flow-coated inside and out with red corrosion-resistant paint
- Straps available upon request
- Special sizes available upon request
- Standard Bundles:  
4" – 20 pieces  
3-1/2", .216 wall – 25 pieces

\*All loads listed are with adjustable screw completely extended and encased in concrete.



**3-1/2" DIAMETER ROUND | .216 WALL**  
See ATI-ES Code Compliance Research Report (CCRR-0145)  
See CCMC Registry of Product Evaluations (CCMC 13610-L) for use in Canada.

### 3-1/2" DIAMETER ROUND | .216 WALL – ADJUSTABLE

| Model      | Adj. Length    | Weight (#) | Maximum Load* |
|------------|----------------|------------|---------------|
| AC3560216  | 6'0" - 6'4"    | 52.7       | 41,500#       |
| AC3563216  | 6'3" - 6'7"    | 54.6       | 40,600        |
| AC3566216  | 6'6" - 6'10"   | 56.5       | 39,900        |
| AC3569216  | 6'9" - 7'1"    | 58.4       | 39,000        |
| AC3570216  | 7'0" - 7'4"    | 60.3       | 38,200        |
| AC3573216  | 7'3" - 7'7"    | 62.2       | 37,300        |
| AC3576216  | 7'6" - 7'10"   | 64.1       | 36,400        |
| AC3579216  | 7'9" - 8'1"    | 66.0       | 35,500        |
| AC3580216  | 8'0" - 8'4"    | 67.9       | 34,700        |
| AC3583216  | 8'3" - 8'7"    | 69.8       | 33,800        |
| AC3586216  | 8'6" - 8'10"   | 71.7       | 32,800        |
| AC3589216  | 8'9" - 9'1"    | 73.6       | 31,900        |
| AC3590216  | 9'0" - 9'4"    | 75.5       | 31,000        |
| AC3593216  | 9'3" - 9'7"    | 77.4       | 30,000        |
| AC3596216  | 9'6" - 9'10"   | 79.3       | 29,200        |
| AC3599216  | 9'9" - 10'1"   | 81.2       | 28,300        |
| AC35100216 | 10'0" - 10'4"  | 83.1       | 27,400        |
| AC35103216 | 10'3" - 10'7"  | 85.0       | 26,600        |
| AC35106216 | 10'6" - 10'10" | 86.9       | 25,700        |
| AC35109216 | 10'9" - 11'1"  | 88.8       | 24,800        |
| AC35110216 | 11'0" - 11'4"  | 90.7       | 23,900        |
| AC35113216 | 11'3" - 11'7"  | 92.6       | 23,100        |
| AC35116216 | 11'6" - 11'10" | 94.5       | 22,300        |
| AC35119216 | 11'9" - 12'1"  | 96.4       | 21,400        |
| AC35120216 | 12'0" - 12'4"  | 98.3       | 20,700        |

### IMPORTANT

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See ATI-ES Code Compliance Research Report (CCRR-0145)

See CCMC Registry of Product Evaluations (CCMC 13610-L) for use in Canada.



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# Steel Columns



## Fixed Length



3" DIAMETER ROUND | 11 GAUGE  
See ATI-ES Code Compliance Research Report  
(CCRR-0145)

### 3" DIAMETER ROUND | 11 GAUGE – FIXED

| Model  | Length | Weight (#) | Maximum Load |
|--------|--------|------------|--------------|
| FC359  | 5'9"   | 25         | 19,200#      |
| FC360  | 6'0"   | 26         | 18,700       |
| FC363  | 6'3"   | 27         | 18,200       |
| FC366  | 6'6"   | 28         | 17,800       |
| FC369  | 6'9"   | 29         | 17,300       |
| FC370  | 7'0"   | 30         | 16,800       |
| FC373  | 7'3"   | 31         | 16,300       |
| FC376  | 7'6"   | 32         | 15,800       |
| FC379  | 7'9"   | 33         | 15,300       |
| FC380  | 8'0"   | 34         | 14,800       |
| FC383  | 8'3"   | 35         | 14,200       |
| FC386  | 8'6"   | 36         | 13,800       |
| FC389  | 8'9"   | 37         | 13,300       |
| FC390  | 9'0"   | 38         | 12,800       |
| FC393  | 9'3"   | 39         | 12,300       |
| FC396  | 9'6"   | 40         | 11,800       |
| FC399  | 9'9"   | 41         | 11,300       |
| FC3100 | 10'0"  | 42         | 10,900       |
| FC3103 | 10'3"  | 43         | 10,400       |
| FC3106 | 10'6"  | 44         | 10,100       |
| FC3109 | 10'9"  | 45         | 9,500        |
| FC3110 | 11'0"  | 46         | 9,100        |
| FC3113 | 11'3"  | 47         | 8,700        |
| FC3116 | 11'6"  | 48         | 8,300        |
| FC3119 | 11'9"  | 49         | 8,000        |
| FC3120 | 12'0"  | 50         | 7,600        |

- Complies with IRC and IBC when shipped fully assembled as shown
- Commonly shipped with two, 4" x 8" plates; one welded to the tube, one unattached
- Flow-coated inside and out with red corrosion-resistant paint
- Straps available upon request
- Special sizes available upon request
- Standard Bundles:
  - 3" – 25 pieces
  - 3-1/2" – 25 pieces



3-1/2" DIAMETER ROUND | 11 GAUGE  
See ATI-ES Code Compliance Research Report  
(CCRR-0145)

### 3-1/2" DIAMETER ROUND | 11 GAUGE – FIXED

| Model   | Length | Weight (#) | Maximum Load |
|---------|--------|------------|--------------|
| FC3559  | 5'9"   | 29         | 24,200#      |
| FC3560  | 6'0"   | 30         | 23,800       |
| FC3563  | 6'3"   | 31         | 23,400       |
| FC3566  | 6'6"   | 32         | 22,900       |
| FC3569  | 6'9"   | 33         | 22,500       |
| FC3570  | 7'0"   | 34         | 22,000       |
| FC3573  | 7'3"   | 35         | 21,500       |
| FC3576  | 7'6"   | 36         | 21,000       |
| FC3579  | 7'9"   | 37         | 20,500       |
| FC3580  | 8'0"   | 38         | 20,000       |
| FC3583  | 8'3"   | 39         | 19,500       |
| FC3586  | 8'6"   | 40         | 19,000       |
| FC3589  | 8'9"   | 41         | 18,600       |
| FC3590  | 9'0"   | 42         | 18,100       |
| FC3593  | 9'3"   | 43         | 17,500       |
| FC3596  | 9'6"   | 44         | 17,100       |
| FC3599  | 9'9"   | 45         | 16,600       |
| FC35100 | 10'0"  | 46         | 16,100       |
| FC35103 | 10'3"  | 47         | 15,600       |
| FC35106 | 10'6"  | 48         | 15,100       |
| FC35109 | 10'9"  | 49         | 14,600       |
| FC35110 | 11'0"  | 50         | 14,100       |
| FC35113 | 11'3"  | 51         | 13,700       |
| FC35116 | 11'6"  | 52         | 13,200       |
| FC35119 | 11'9"  | 53         | 12,700       |
| FC35120 | 12'0"  | 54         | 12,200       |

**IMPORTANT**  
Column selection should be based upon structural calculations completed by a registered, professional engineer. Not responsible for the installation, alteration, or modification of any completed product, or the usage of any component in the fabrication of any product beyond our control

See ATI-ES Code Compliance Research Report (CCRR-0145)





# Steel Columns



## Fixed Length



**4" DIAMETER ROUND | 11 GAUGE**  
See ATI-ES Code Compliance Research Report (CCRR-0145)

### 4" DIAMETER ROUND | 11 GAUGE – FIXED

| Model  | Length | Weight (#) | Maximum Load |
|--------|--------|------------|--------------|
| FC459  | 5'9"   | 32.8       | 29,400#      |
| FC460  | 6'0"   | 34.0       | 28,900       |
| FC463  | 6'3"   | 35.3       | 28,500       |
| FC466  | 6'6"   | 36.5       | 28,100       |
| FC469  | 6'9"   | 37.8       | 27,600       |
| FC470  | 7'0"   | 39.0       | 27,200       |
| FC473  | 7'3"   | 40.3       | 26,800       |
| FC476  | 7'6"   | 41.5       | 26,300       |
| FC479  | 7'9"   | 42.8       | 25,800       |
| FC480  | 8'0"   | 44.0       | 25,300       |
| FC483  | 8'3"   | 45.3       | 24,800       |
| FC486  | 8'6"   | 46.5       | 24,400       |
| FC489  | 8'9"   | 47.8       | 23,900       |
| FC490  | 9'0"   | 49.0       | 23,400       |
| FC493  | 9'3"   | 50.3       | 23,000       |
| FC496  | 9'6"   | 51.5       | 22,400       |
| FC499  | 9'9"   | 52.8       | 21,900       |
| FC4100 | 10'0"  | 54.0       | 21,400       |
| FC4103 | 10'3"  | 55.4       | 20,900       |
| FC4106 | 10'6"  | 56.7       | 20,400       |
| FC4109 | 10'9"  | 58.0       | 19,900       |
| FC4110 | 11'0"  | 59.4       | 19,500       |
| FC4113 | 11'3"  | 60.8       | 18,900       |
| FC4116 | 11'6"  | 62.1       | 18,400       |
| FC4119 | 11'9"  | 63.5       | 17,900       |
| FC4120 | 12'0"  | 64.8       | 17,400       |

- Complies with IRC and IBC when shipped fully assembled as shown
- Commonly shipped with two, 4" x 8" plates; one welded to the tube, one unattached
- Flow-coated inside and out with red corrosion-resistant paint
- Straps available upon request
- Special sizes available upon request
- Standard Bundles:  
4" – 20 pieces  
3-1/2", .216 wall – 25 pieces



**3-1/2" DIAMETER ROUND | .216 WALL**  
See ATI-ES Code Compliance Research Report (CCRR-0145)

### 3-1/2" DIAMETER ROUND | .216 WALL – FIXED

| Model      | Length | Weight (#) | Maximum Load |
|------------|--------|------------|--------------|
| FC3559216  | 5'9"   | 47.7       | 42,300#      |
| FC3560216  | 6'0"   | 49.6       | 41,500       |
| FC3563216  | 6'3"   | 51.5       | 40,600       |
| FC3566216  | 6'6"   | 53.4       | 39,900       |
| FC3569216  | 6'9"   | 55.3       | 39,000       |
| FC3570216  | 7'0"   | 57.2       | 38,200       |
| FC3573216  | 7'3"   | 59.1       | 37,300       |
| FC3576216  | 7'6"   | 61.0       | 36,400       |
| FC3579216  | 7'9"   | 62.9       | 35,500       |
| FC3580216  | 8'0"   | 64.8       | 34,700       |
| FC3583216  | 8'3"   | 66.7       | 33,800       |
| FC3586216  | 8'6"   | 68.6       | 32,000       |
| FC3589216  | 8'9"   | 70.5       | 31,900       |
| FC3590216  | 9'0"   | 72.4       | 31,020       |
| FC3593216  | 9'3"   | 74.3       | 30,000       |
| FC3596216  | 9'6"   | 76.2       | 29,200       |
| FC3599216  | 9'9"   | 78.1       | 28,300       |
| FC35100216 | 10'0"  | 80.0       | 27,400       |
| FC35103216 | 10'3"  | 82.4       | 26,600       |
| FC35106216 | 10'6"  | 84.0       | 25,700       |
| FC35109216 | 10'9"  | 86.0       | 24,800       |
| FC35110216 | 11'0"  | 88.0       | 23,900       |
| FC35113216 | 11'3"  | 90.0       | 23,100       |
| FC35116216 | 11'6"  | 92.0       | 22,300       |
| FC35119216 | 11'9"  | 94.0       | 21,400       |
| FC35120216 | 12'0"  | 96.0       | 20,700       |

### IMPORTANT

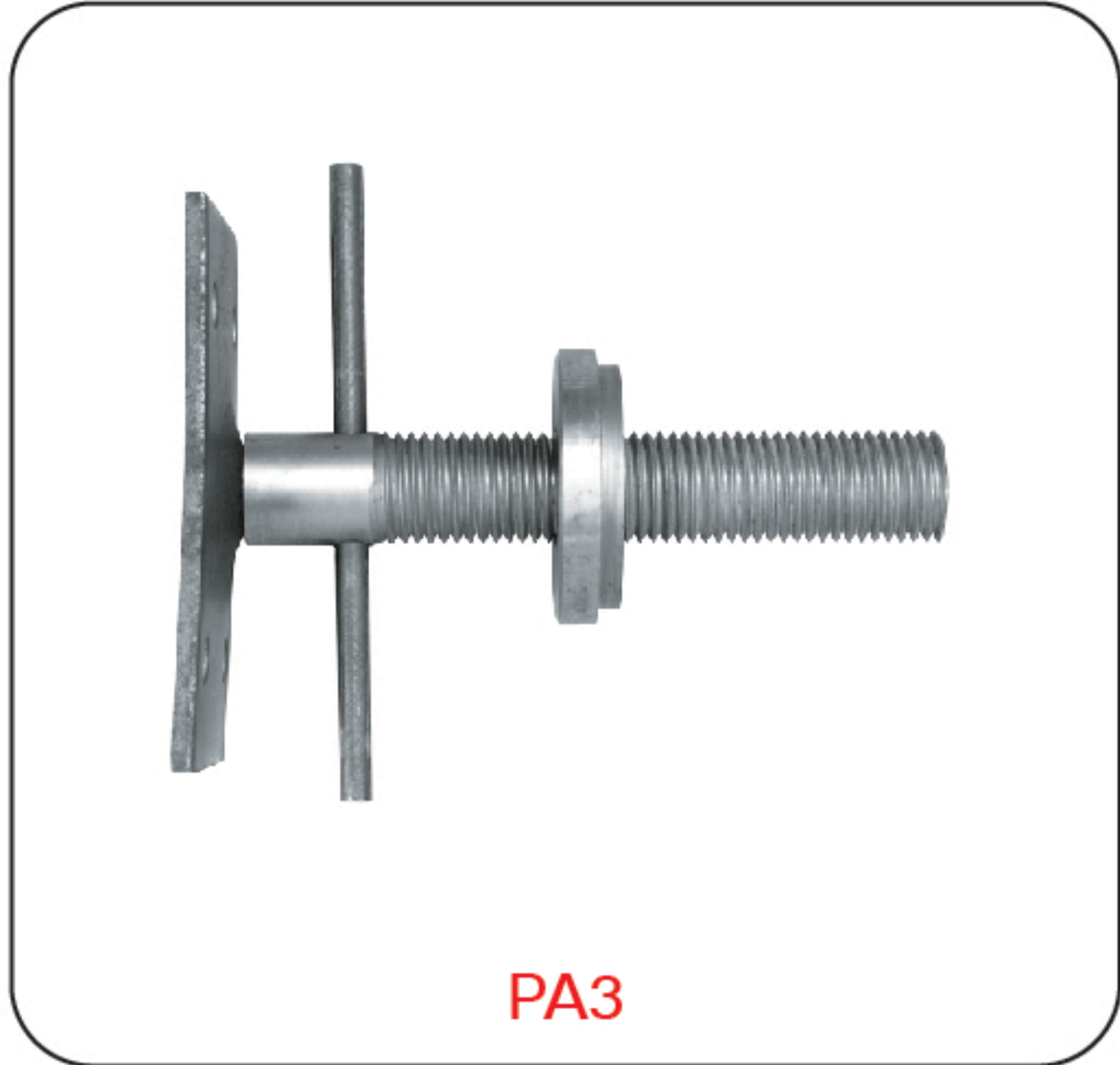
Column selection should be based upon structural calculations completed by a registered, professional engineer. Not responsible for the installation, alteration, or modification of any completed product, or the usage of any component in the fabrication of any product beyond our control

See ATI-ES Code Compliance Research Report (CCRR-0145)

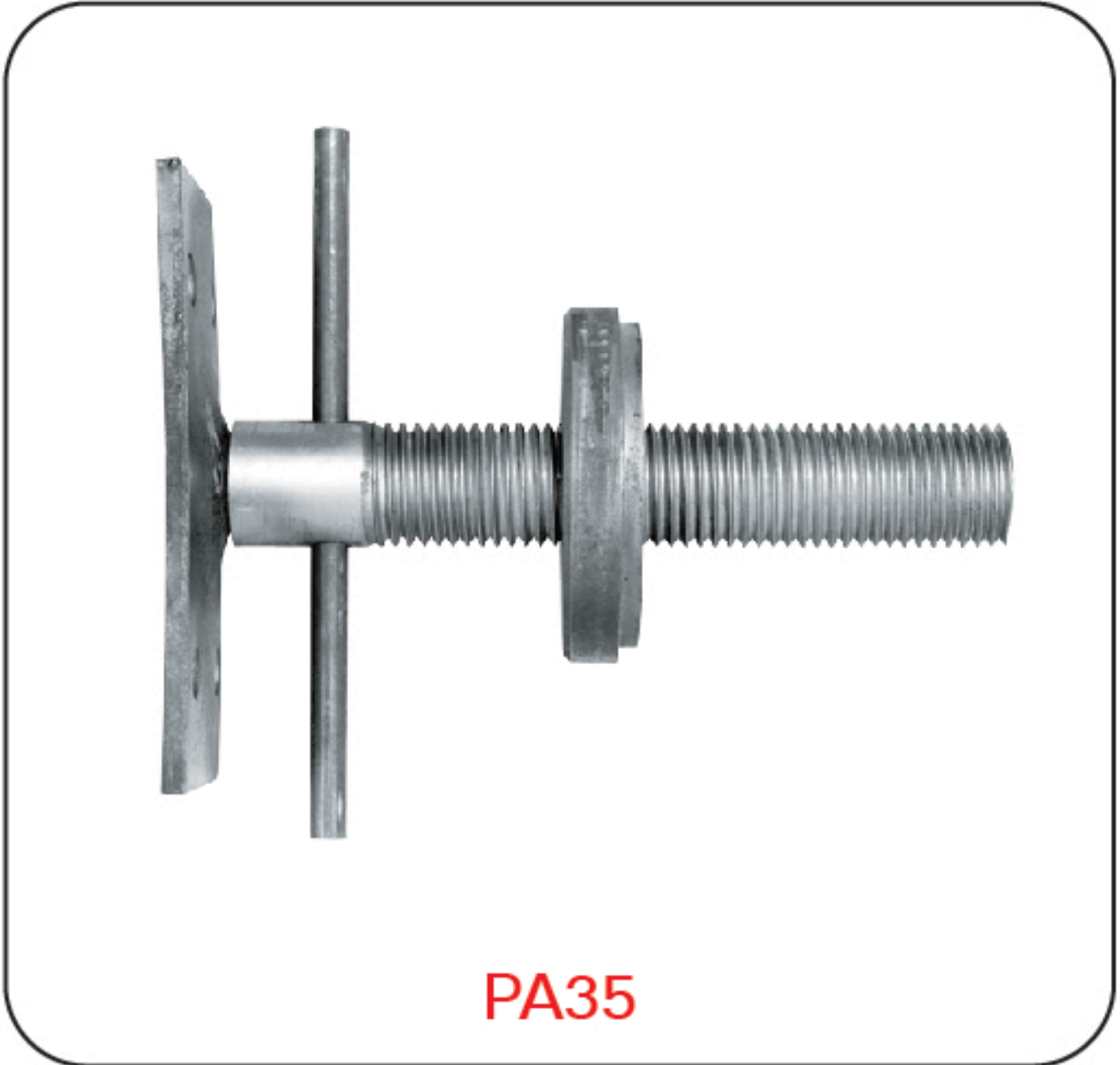




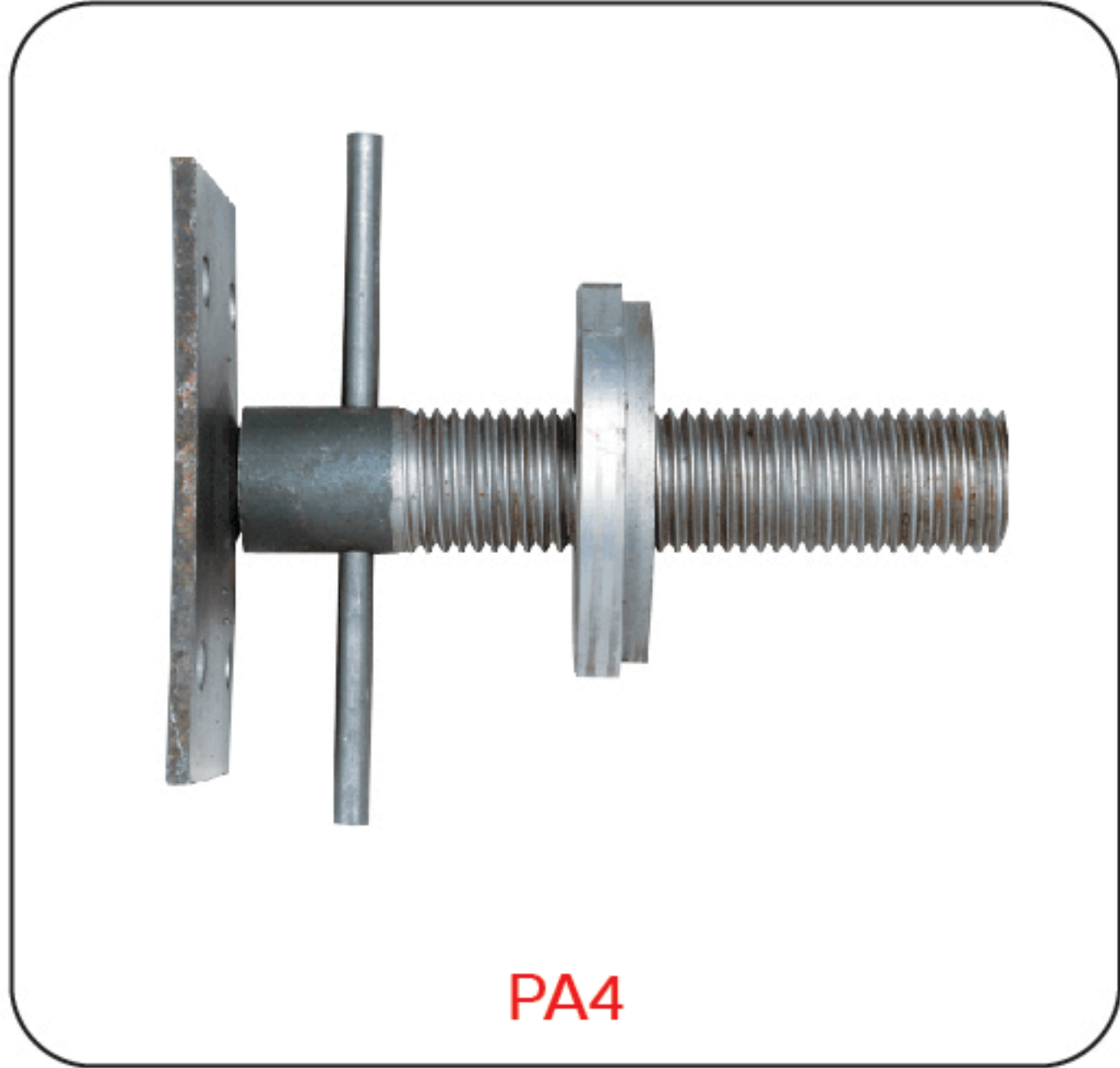
# Column Components and Tubing



PA3



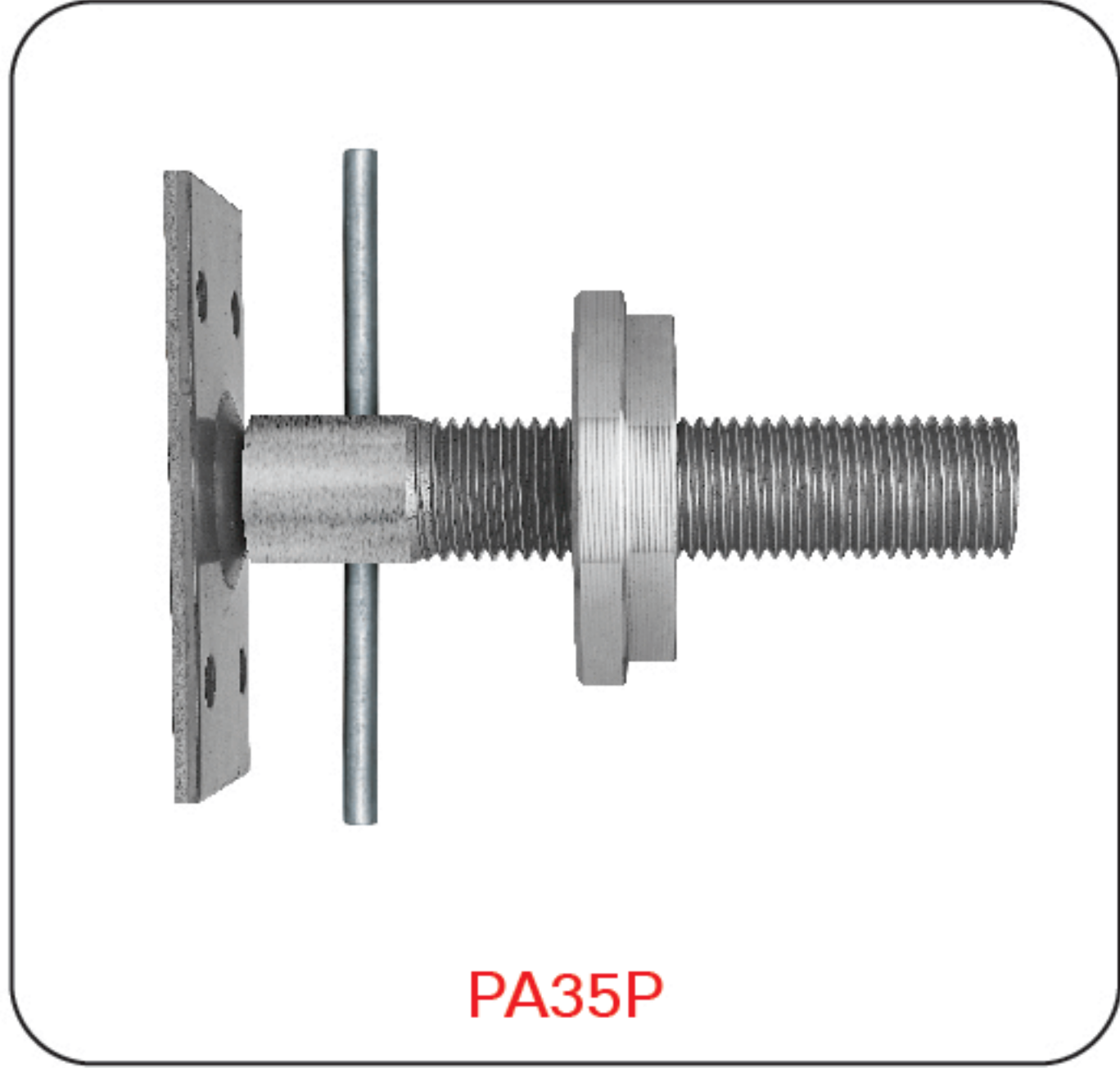
PA35



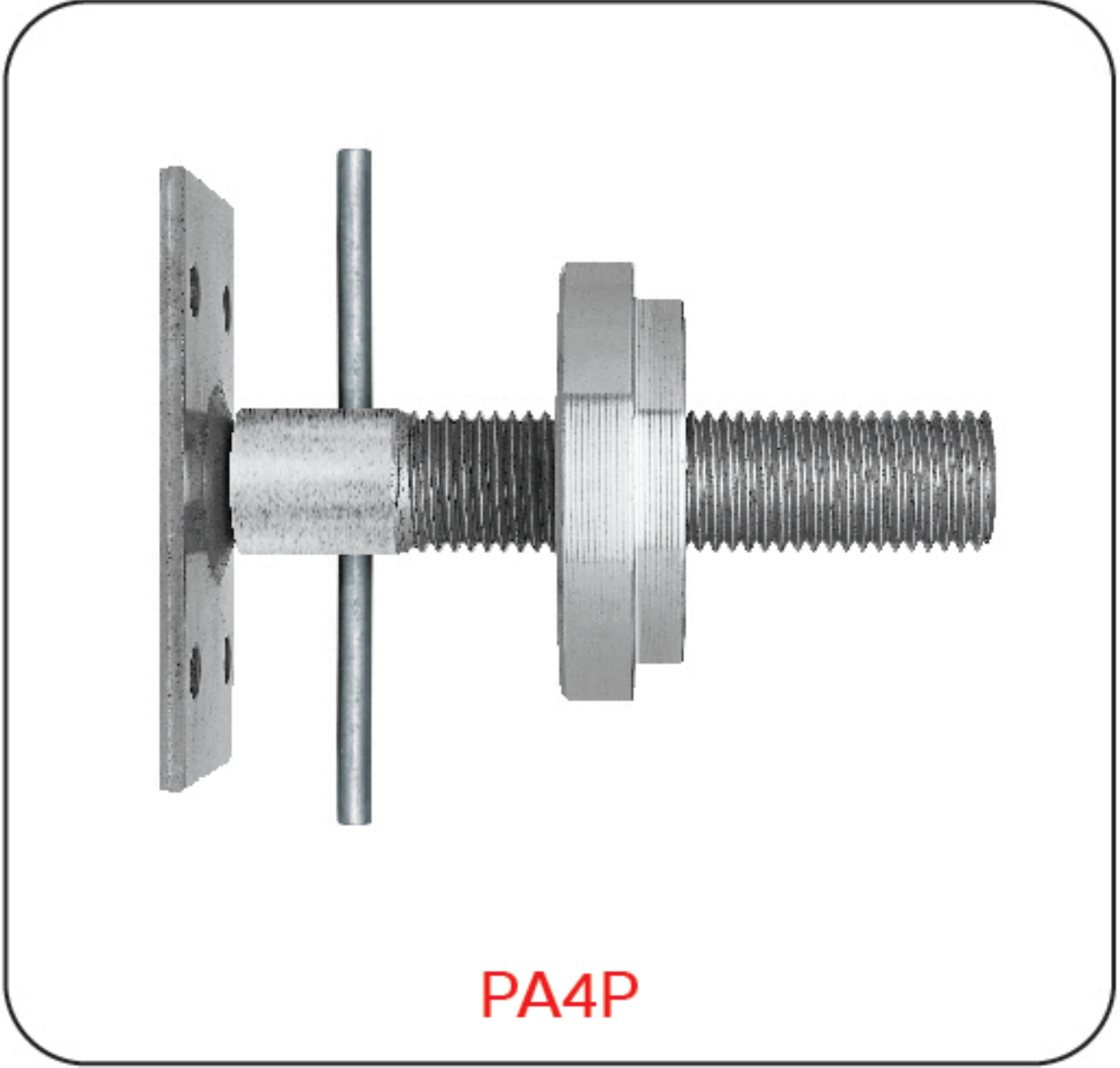
PA4



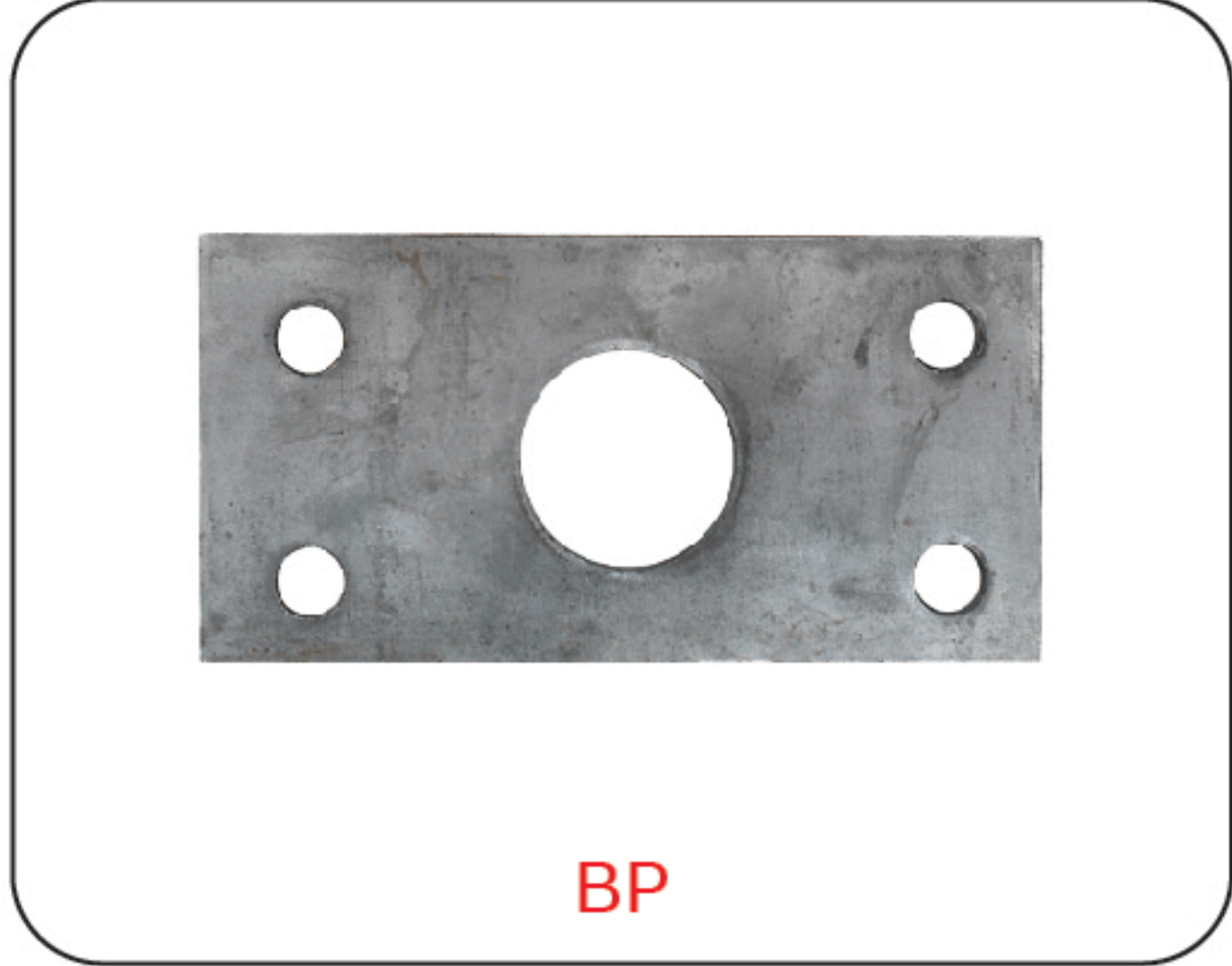
PA35216



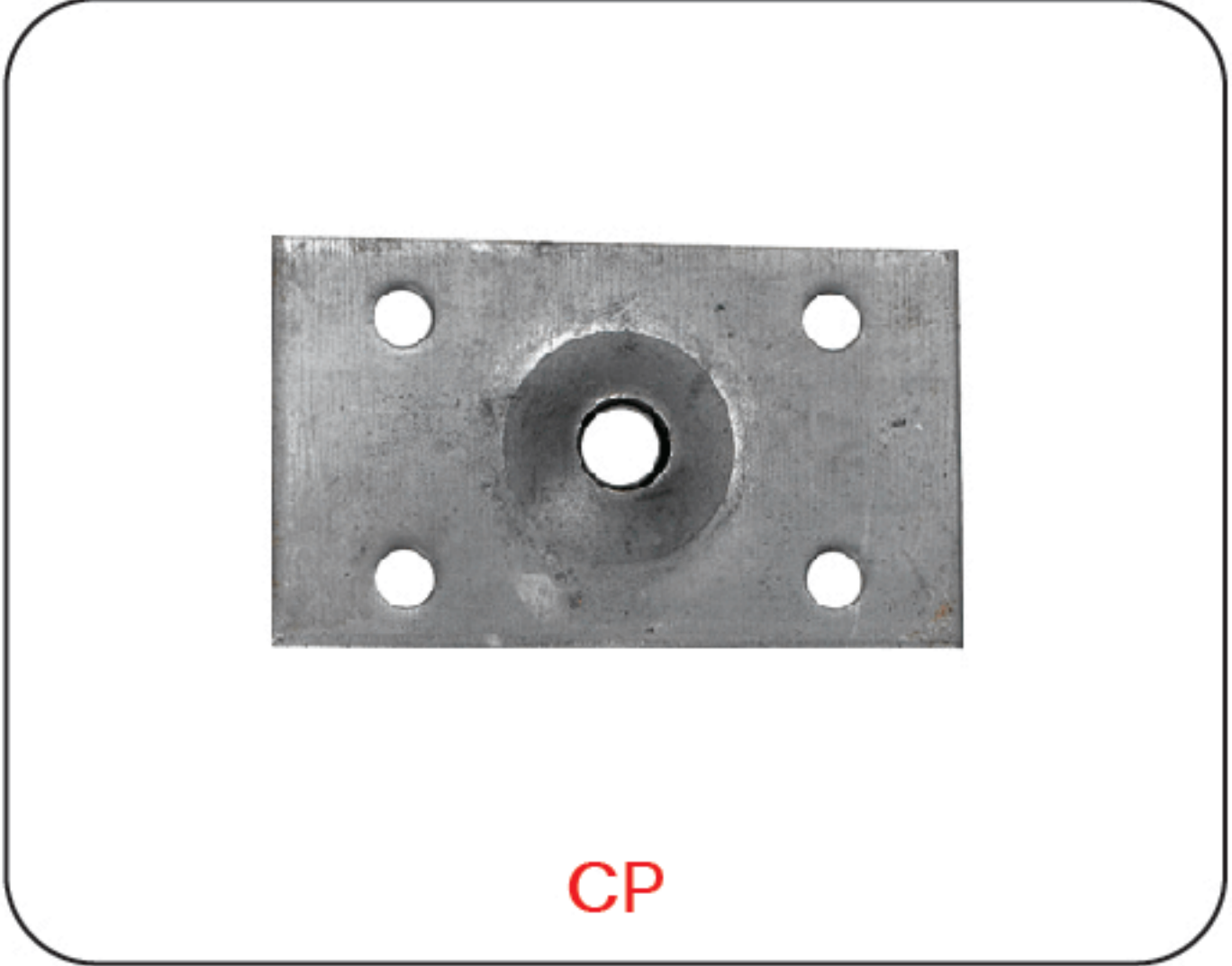
PA35P



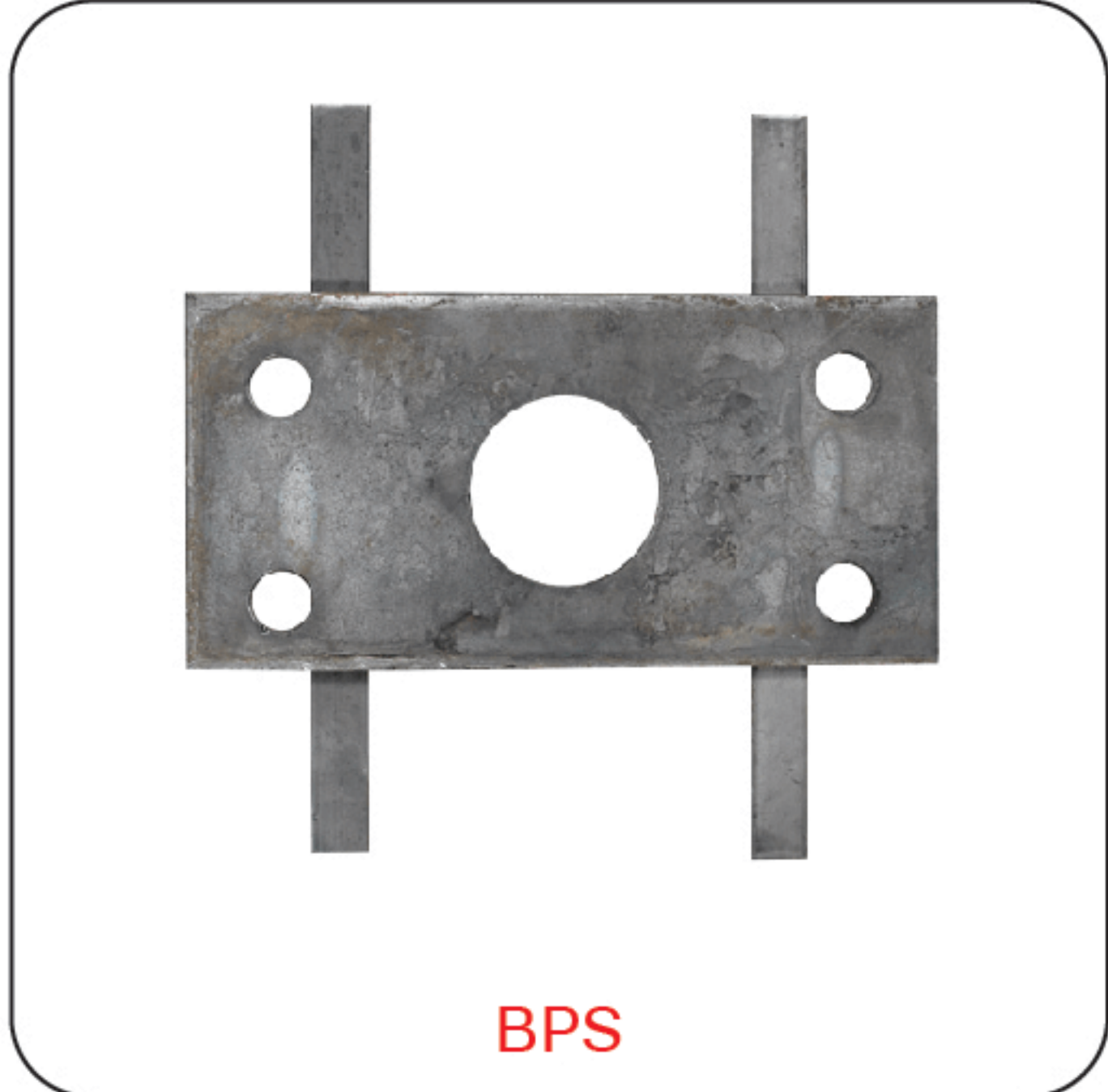
PA4P



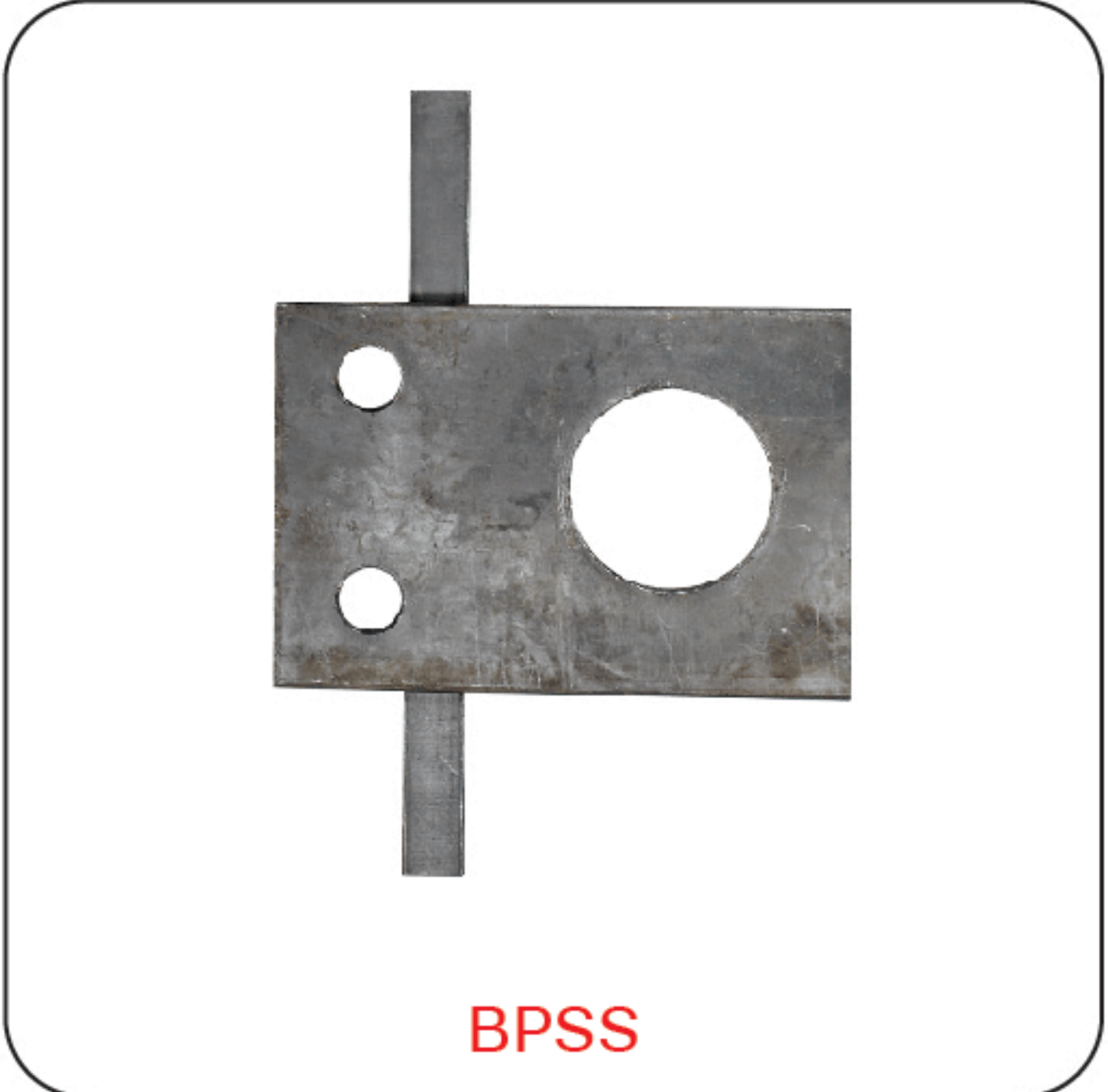
BP



CP



BPS



BPSS

## PERMANENT SCREW ASSEMBLY (CP PLATE ATTACHED TO SCREW)

| Model   | Size                        | Adjustment | Weight (#) | Maximum Load* |
|---------|-----------------------------|------------|------------|---------------|
| PA3     | 3" O.D. Tube                | 4"         | 4.5        | 18,700#       |
| PA35    | 3-1/2" O.D. Tube            | 4"         | 5.5        | 23,800        |
| PA4     | 4" O.D. Tube                | 4"         | 6.5        | 28,900        |
| PA35216 | 3-1/2" O.D. x .216 Wall     | 4"         | 6.5        | 41,500        |
| PA35P   | 3-1/2" Sch 40 Pipe, 4" O.D. | 4"         | 7.5        | 60,078        |
| PA4P    | 4" Sch 40 Pipe, 4-1/2" O.D. | 4"         | 8.5        | 60,078        |

Turning Bar Included with Each Assembly

\*All Screw Assemblies must be encased in minimum 3,500 psi concrete; installed head first, with collar nut buried.

## 11 GAUGE TUBING | A500 GRADE B (ITEMS NOT SHOWN)

| Model | Size        | Length | Weight (#) |
|-------|-------------|--------|------------|
| T324  | 3" O.D.     | 24'    | 89         |
| T3524 | 3-1/2" O.D. | 24'    | 103        |
| T424  | 4" O.D.     | 24'    | 120        |

## .216 WALL TUBING | A500 GRADE B (ITEM NOT SHOWN)

| Model    | Size        | Length | Weight (#) |
|----------|-------------|--------|------------|
| T3524216 | 3-1/2" O.D. | 24'    | 182        |

## COLUMN PLATES

| Model | Dimensions                                           | Weight (#) |
|-------|------------------------------------------------------|------------|
| BP    | 4" x 8" x 1/4" – 2" Center hole                      | 2.0        |
| BPS   | 4" x 8" x 1/4" – 2" Center hole w/ straps            | 2.3        |
| BPSS  | 4" x 5-3/4" x 1/4" – 2" Center hole                  | 1.5        |
| CP    | 3-1/2" x 6" x 1/4" – 5/8" Center hole                | 1.5        |
| PS    | 1/8" x 8" x 5/8" Straps (2) welded to above B plate. | 0.5        |
| TB    | 3/8" x 7" Turning Bar                                | 0.5        |

Shipped: Loose

- BP: Top plate for adjustable columns; top and bottom for fixed columns
- BPS: BP with straps
- BPSS: Shorter length fits corners of partition walls
- CP: Used with permanent assembly
- Plates have full bearing on all common beam flanges
- Holes provided for bolt or lag-screw attachment to beam

## IMPORTANT

Not responsible for the installation, alteration, or modification of any completed product, or the usage of any component in the fabrication of any product beyond our control





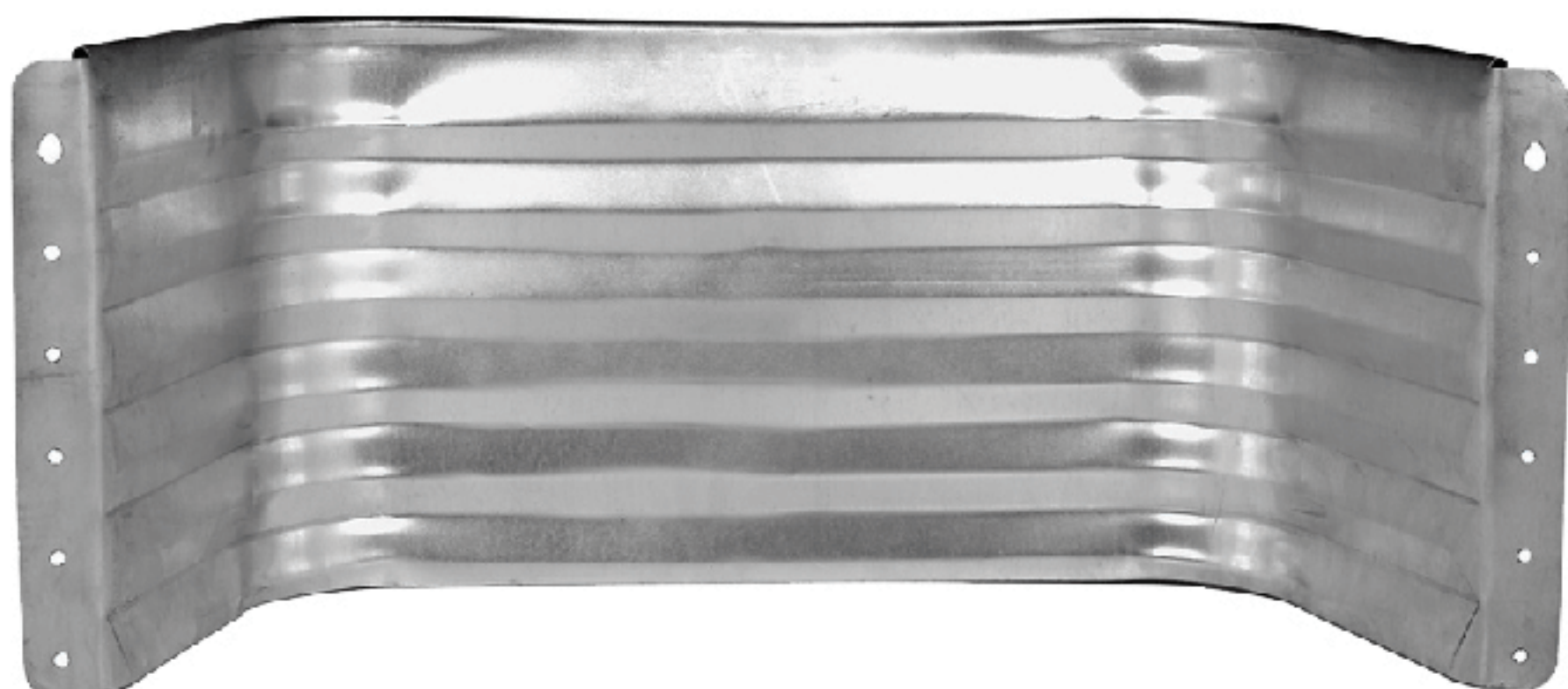
## AW | Area Walls



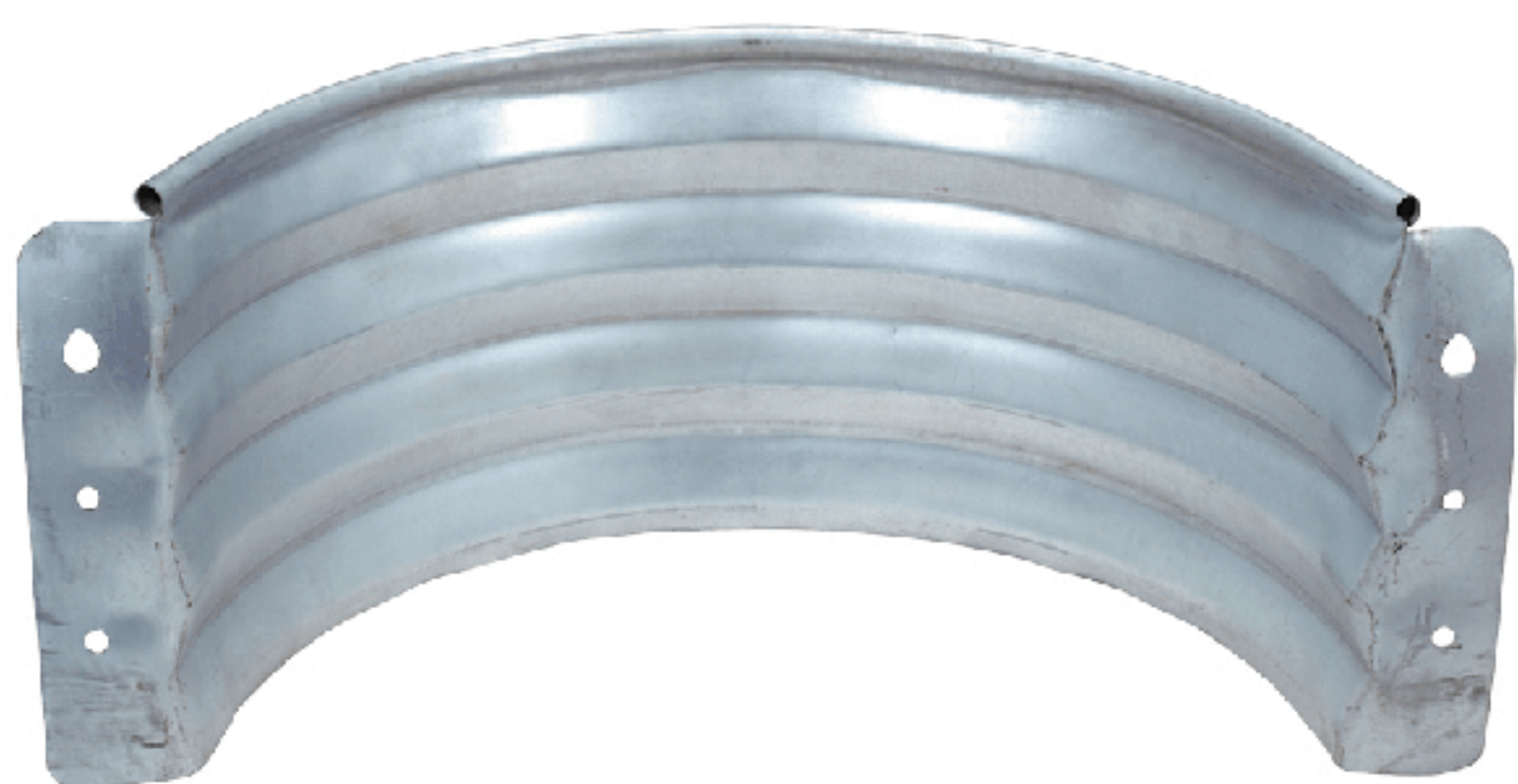
Standard Width | 22 Gauge



ROUND TYPE | WIDTH 37" | PROJ. 16" | ROUNDED CORNERS



STRAIGHT TYPE | WIDTH 37" | PROJ. 12" | ROUNDED CORNERS



FOUNDATION VENT | ROUND TYPE | WIDTH 19-1/2" | PROJ. 10"

### STANDARD WIDTH 37" | ROUND OR STRAIGHT TYPE | GALV. STEEL

| Model | Nominal Height | Weight Each (#) |
|-------|----------------|-----------------|
| AW12  | 12"            | 7               |
| AW15  | 15"            | 8               |
| AW18  | 18"            | 10              |
| AW24  | 24"            | 13              |
| AW30  | 30"            | 16              |
| AW36  | 36"            | 20              |
| AW48  | 48"            | 25              |

Shipped: Wired Bundles of 5

### FOUNDATION VENT AREA WALL | ROUND TYPE | GALV. STEEL

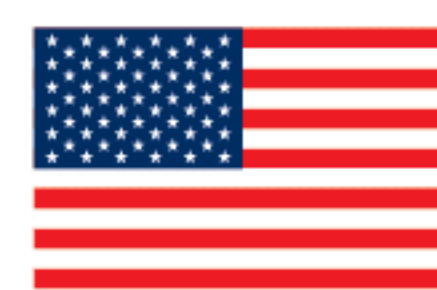
#### WIDTH 19-1/2" | PROJECTION 10"

| Model | Nominal Height | Weight Each (#) |
|-------|----------------|-----------------|
| AWFV  | 12"            | 5               |

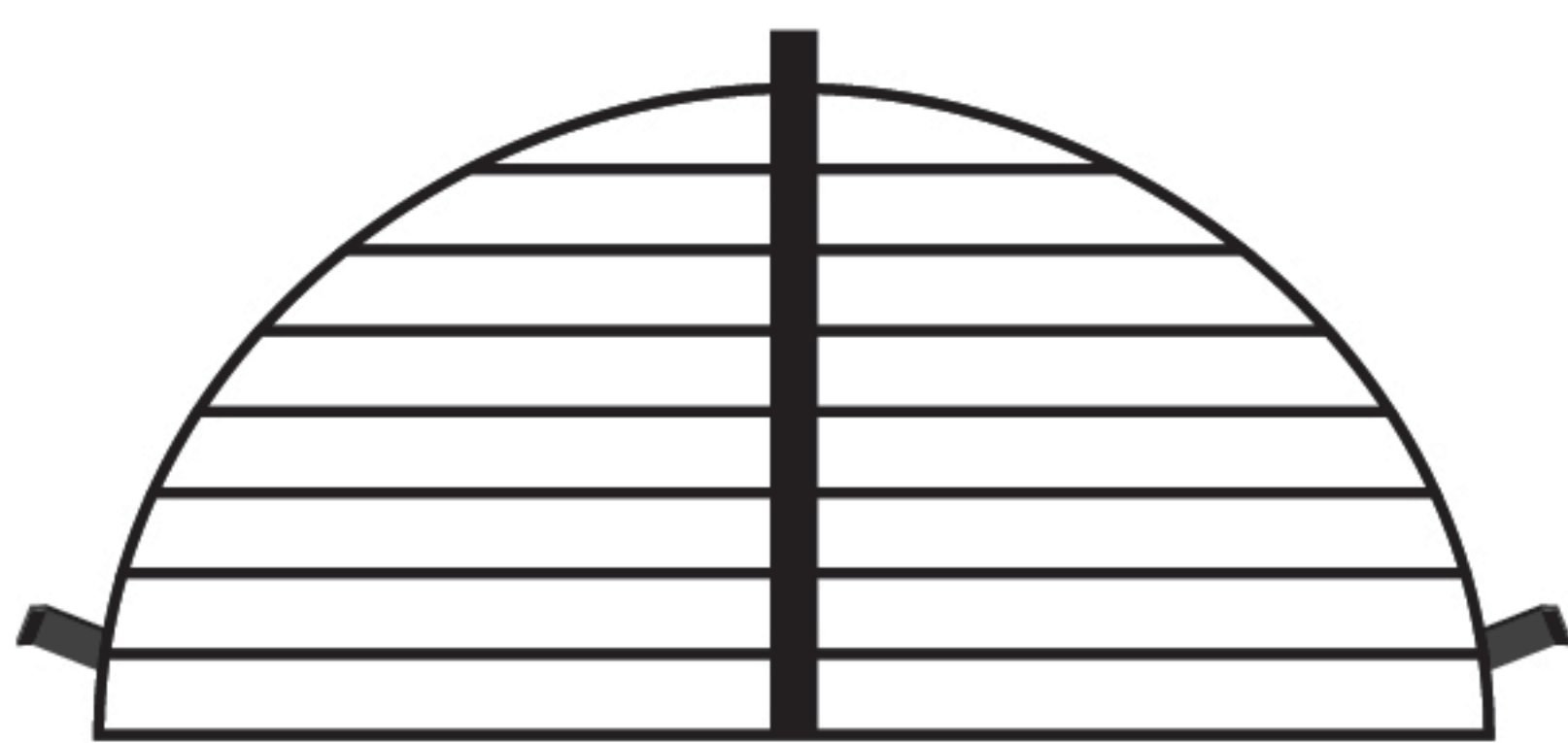
Shipped: Strapped Bundles of 10

- Rolled top on all standard area walls
- 12", 18", 24", and foundation vent area walls have rounded bottom corners for extra safety
- Stamped from single steel sheet
- Bright finish reflects light into basement
- Holes in flanges for bolting to wall
- Deep corrugation stiffens against back fill
- Minimum G-60 galvanized coating
- All back filling should be done gradually to prevent excessive pressure against area wall

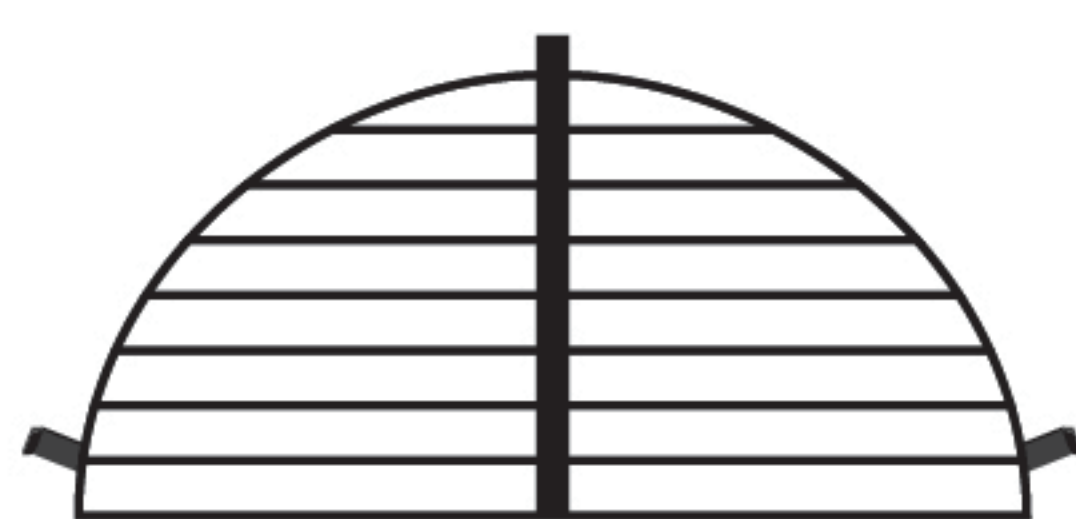
## AWG | Area Wall Grates



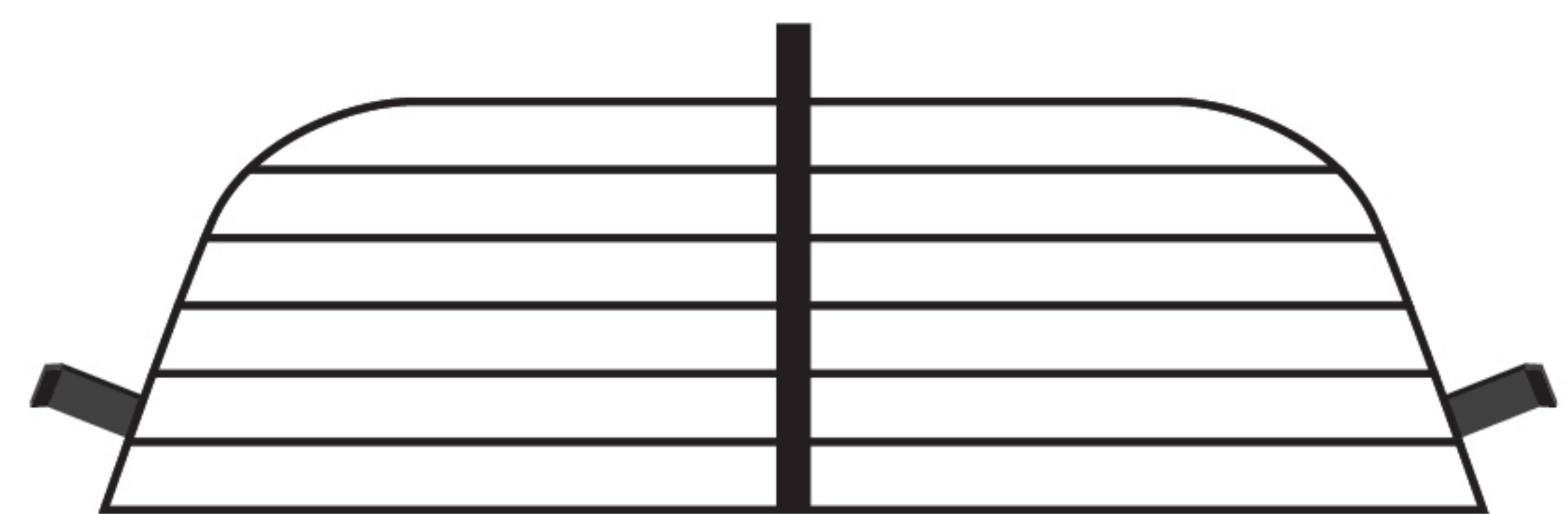
Standard Width



AWGRG



GFVAWG



AWGSG

### STEEL GRATES | ROUND OR STRAIGHT TYPE

| Model  | Width   | Weight Each (#) |
|--------|---------|-----------------|
| AWGRG  | 37"     | 10.0            |
| AWGSG  | 37"     | 10.0            |
| GFVAWG | 19-1/2" | 3.5             |

- Hot-dipped galvanized finish
- Grating type admits maximum light and air into basement



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# ARC | Round Style



Commercial Grade | 18 Gauge



- Ideal for the intermediate basement window size
- 18 gauge G-90 galvanized steel for normal soil loading
- Corrugation depth full 1/2" giving maximum strength
- Rolled top and bottom edge standard on 48", 60", and higher area walls
- Rounded corners for safety
- Holes in flanges for bolting to wall

**Configurations of any other Width, Height, or Projection available upon request.**

| Model     | Width | Projection | Height | Weight (#) |
|-----------|-------|------------|--------|------------|
| ARC311412 | 31"   | 14"        | 12"    | 9          |
| ARC311418 | 31"   | 14"        | 18"    | 15         |
| ARC311424 | 31"   | 14"        | 24"    | 19         |
| ARC311430 | 31"   | 14"        | 30"    | 24         |
| ARC311436 | 31"   | 14"        | 36"    | 28         |
| ARC311448 | 31"   | 14"        | 48"    | 38         |
| ARC311460 | 31"   | 14"        | 60"    | 46         |
| ARC311472 | 31"   | 14"        | 72"    | 61         |
| ARC351812 | 35"   | 18"        | 12"    | 11         |
| ARC351818 | 35"   | 18"        | 18"    | 18         |
| ARC351824 | 35"   | 18"        | 24"    | 24         |
| ARC351830 | 35"   | 18"        | 30"    | 29         |
| ARC351836 | 35"   | 18"        | 36"    | 35         |
| ARC351848 | 35"   | 18"        | 48"    | 47         |
| ARC351860 | 35"   | 18"        | 60"    | 57         |
| ARC351872 | 35"   | 18"        | 72"    | 75         |
| ARC372012 | 37"   | 20"        | 12"    | 12         |
| ARC372018 | 37"   | 20"        | 18"    | 20         |
| ARC372024 | 37"   | 20"        | 24"    | 26         |
| ARC372030 | 37"   | 20"        | 30"    | 32         |
| ARC372036 | 37"   | 20"        | 36"    | 38         |
| ARC372048 | 37"   | 20"        | 48"    | 52         |
| ARC372060 | 37"   | 20"        | 60"    | 61         |
| ARC372072 | 37"   | 20"        | 72"    | 83         |
| ARC402012 | 40"   | 20"        | 12"    | 13         |
| ARC402018 | 40"   | 20"        | 18"    | 20         |
| ARC402024 | 40"   | 20"        | 24"    | 26         |
| ARC402030 | 40"   | 20"        | 30"    | 32         |
| ARC402036 | 40"   | 20"        | 36"    | 39         |
| ARC402048 | 40"   | 20"        | 48"    | 52         |
| ARC402060 | 40"   | 20"        | 60"    | 63         |
| ARC402072 | 40"   | 20"        | 72"    | 83         |
| ARC462012 | 46"   | 20"        | 12"    | 13         |
| ARC462018 | 46"   | 20"        | 18"    | 21         |
| ARC462024 | 46"   | 20"        | 24"    | 28         |
| ARC462030 | 46"   | 20"        | 30"    | 34         |
| ARC462036 | 46"   | 20"        | 36"    | 40         |
| ARC462048 | 46"   | 20"        | 48"    | 54         |
| ARC462060 | 46"   | 20"        | 60"    | 66         |
| ARC462072 | 46"   | 20"        | 72"    | 87         |





# AQC | Square Style



Commercial Grade | 18 Gauge | 4" Radius Corners



- Sharp 4" radius corner to maximize usable open area inside area wall perimeter
- 18 gauge G-90 galvanized steel for normal soil loading
- Corrugation depth full 1/2" giving maximum strength
- Rolled top and bottom edge standard on 48", 60", and higher area walls
- Rounded corners for safety
- Holes in flanges for bolting to wall

**Configurations of any other Width, Height, or Projection available upon request.**

| Model     | Width | Projection | Height | Weight (#) |
|-----------|-------|------------|--------|------------|
| AQC292212 | 29"   | 22"        | 12"    | 14         |
| AQC292218 | 29"   | 22"        | 18"    | 22         |
| AQC292224 | 29"   | 22"        | 24"    | 29         |
| AQC292230 | 29"   | 22"        | 30"    | 36         |
| AQC292236 | 29"   | 22"        | 36"    | 43         |
| AQC292248 | 29"   | 22"        | 48"    | 57         |
| AQC292260 | 29"   | 22"        | 60"    | 70         |
| AQC292272 | 29"   | 22"        | 72"    | 92         |
| AQC322412 | 32"   | 24"        | 12"    | 15         |
| AQC322418 | 32"   | 24"        | 18"    | 24         |
| AQC322424 | 32"   | 24"        | 24"    | 32         |
| AQC322430 | 32"   | 24"        | 30"    | 39         |
| AQC322436 | 32"   | 24"        | 36"    | 47         |
| AQC322448 | 32"   | 24"        | 48"    | 63         |
| AQC322460 | 32"   | 24"        | 60"    | 76         |
| AQC322472 | 32"   | 24"        | 72"    | 101        |
| AQC363012 | 36"   | 30"        | 12"    | 18         |
| AQC363018 | 36"   | 30"        | 18"    | 29         |
| AQC363024 | 36"   | 30"        | 24"    | 38         |
| AQC363030 | 36"   | 30"        | 30"    | 47         |
| AQC363036 | 36"   | 30"        | 36"    | 56         |
| AQC363048 | 36"   | 30"        | 48"    | 75         |
| AQC363060 | 36"   | 30"        | 60"    | 91         |
| AQC363072 | 36"   | 30"        | 72"    | 121        |
| AQC422412 | 42"   | 24"        | 12"    | 17         |
| AQC422418 | 42"   | 24"        | 18"    | 27         |
| AQC422424 | 42"   | 24"        | 24"    | 36         |
| AQC422430 | 42"   | 24"        | 30"    | 44         |
| AQC422436 | 42"   | 24"        | 36"    | 52         |
| AQC422448 | 42"   | 24"        | 48"    | 70         |
| AQC422460 | 42"   | 24"        | 60"    | 85         |
| AQC422472 | 42"   | 24"        | 72"    | 113        |





# ACC | Non-Egress Casement Style



Commercial Grade | 18 Gauge | 9" Radius Corners



- Ideal for larger basement windows
- 18 gauge G-90 galvanized steel for normal soil loading
- Corrugation depth full 1/2" giving maximum strength
- Rolled top and bottom edge standard on 48", 60", and higher area walls
- Rounded corners for safety
- Holes in flanges for bolting to wall
- 16 gauge available on selected sizes

**Configurations of any other Width, Height, or Projection available upon request.**

| Model     | Width | Projection | Height | Weight (#) |
|-----------|-------|------------|--------|------------|
| ACC372012 | 37"   | 20"        | 12"    | 13         |
| ACC372018 | 37"   | 20"        | 18"    | 21         |
| ACC372024 | 37"   | 20"        | 24"    | 28         |
| ACC372030 | 37"   | 20"        | 30"    | 34         |
| ACC372036 | 37"   | 20"        | 36"    | 41         |
| ACC372048 | 37"   | 20"        | 48"    | 55         |
| ACC372060 | 37"   | 20"        | 60"    | 67         |
| ACC372072 | 37"   | 20"        | 72"    | 88         |
| ACC373012 | 37"   | 30"        | 12"    | 17         |
| ACC373018 | 37"   | 30"        | 18"    | 27         |
| ACC373024 | 37"   | 30"        | 24"    | 35         |
| ACC373030 | 37"   | 30"        | 30"    | 43         |
| ACC373036 | 37"   | 30"        | 36"    | 52         |
| ACC373048 | 37"   | 30"        | 48"    | 70         |
| ACC373060 | 37"   | 30"        | 60"    | 85         |
| ACC373072 | 37"   | 30"        | 72"    | 112        |
| ACC422412 | 42"   | 24"        | 12"    | 16         |
| ACC422418 | 42"   | 24"        | 18"    | 25         |
| ACC422424 | 42"   | 24"        | 24"    | 33         |
| ACC422430 | 42"   | 24"        | 30"    | 40         |
| ACC422436 | 42"   | 24"        | 36"    | 48         |
| ACC422448 | 42"   | 24"        | 48"    | 65         |
| ACC422460 | 42"   | 24"        | 60"    | 79         |
| ACC422472 | 42"   | 24"        | 72"    | 104        |
| ACC461812 | 46"   | 18"        | 12"    | 14         |
| ACC461818 | 46"   | 18"        | 18"    | 23         |
| ACC461824 | 46"   | 18"        | 24"    | 30         |
| ACC461830 | 46"   | 18"        | 30"    | 37         |
| ACC461836 | 46"   | 18"        | 36"    | 44         |
| ACC461848 | 46"   | 18"        | 48"    | 59         |
| ACC461860 | 46"   | 18"        | 60"    | 72         |
| ACC461872 | 46"   | 18"        | 72"    | 95         |
| ACC482412 | 48"   | 24"        | 12"    | 17         |
| ACC482418 | 48"   | 24"        | 18"    | 27         |
| ACC482424 | 48"   | 24"        | 24"    | 35         |
| ACC482430 | 48"   | 24"        | 30"    | 43         |
| ACC482436 | 48"   | 24"        | 36"    | 52         |
| ACC482448 | 48"   | 24"        | 48"    | 69         |
| ACC482460 | 48"   | 24"        | 60"    | 84         |
| ACC482472 | 48"   | 24"        | 72"    | 111        |

| Model     | Width | Projection | Height | Weight (#) |
|-----------|-------|------------|--------|------------|
| ACC551812 | 55"   | 18"        | 12"    | 16         |
| ACC551818 | 55"   | 18"        | 18"    | 25         |
| ACC551824 | 55"   | 18"        | 24"    | 33         |
| ACC551830 | 55"   | 18"        | 30"    | 41         |
| ACC551836 | 55"   | 18"        | 36"    | 49         |
| ACC551848 | 55"   | 18"        | 48"    | 66         |
| ACC551860 | 55"   | 18"        | 60"    | 80         |
| ACC551872 | 55"   | 18"        | 72"    | 106        |
| ACC591812 | 59"   | 18"        | 12"    | 17         |
| ACC591818 | 59"   | 18"        | 18"    | 27         |
| ACC591824 | 59"   | 18"        | 24"    | 35         |
| ACC591830 | 59"   | 18"        | 30"    | 43         |
| ACC591836 | 59"   | 18"        | 36"    | 51         |
| ACC591848 | 59"   | 18"        | 48"    | 69         |
| ACC591860 | 59"   | 18"        | 60"    | 84         |
| ACC591872 | 59"   | 18"        | 72"    | 111        |
| ACC603012 | 60"   | 30"        | 12"    | 21         |
| ACC603018 | 60"   | 30"        | 18"    | 34         |
| ACC603024 | 60"   | 30"        | 24"    | 44         |
| ACC603030 | 60"   | 30"        | 30"    | 55         |
| ACC603036 | 60"   | 30"        | 36"    | 65         |
| ACC603048 | 60"   | 30"        | 48"    | 88         |
| ACC603060 | 60"   | 30"        | 60"    | 106        |
| ACC603072 | 60"   | 30"        | 72"    | 142        |
| ACC672412 | 67"   | 24"        | 12"    | 20         |
| ACC672418 | 67"   | 24"        | 18"    | 32         |
| ACC672424 | 67"   | 24"        | 24"    | 42         |
| ACC672430 | 67"   | 24"        | 30"    | 52         |
| ACC672436 | 67"   | 24"        | 36"    | 62         |
| ACC672448 | 67"   | 24"        | 48"    | 84         |
| ACC672460 | 67"   | 24"        | 60"    | 102        |
| ACC672472 | 67"   | 24"        | 72"    | 135        |
| ACC722412 | 72"   | 24"        | 12"    | 21         |
| ACC722418 | 72"   | 24"        | 18"    | 34         |
| ACC722424 | 72"   | 24"        | 24"    | 44         |
| ACC722430 | 72"   | 24"        | 30"    | 55         |
| ACC722436 | 72"   | 24"        | 36"    | 65         |
| ACC722448 | 72"   | 24"        | 48"    | 88         |
| ACC722460 | 72"   | 24"        | 60"    | 107        |
| ACC722472 | 72"   | 24"        | 72"    | 142        |





# AEC | Egress Casement Style



Commercial Grade | 18 Gauge | 9" Radius Corners



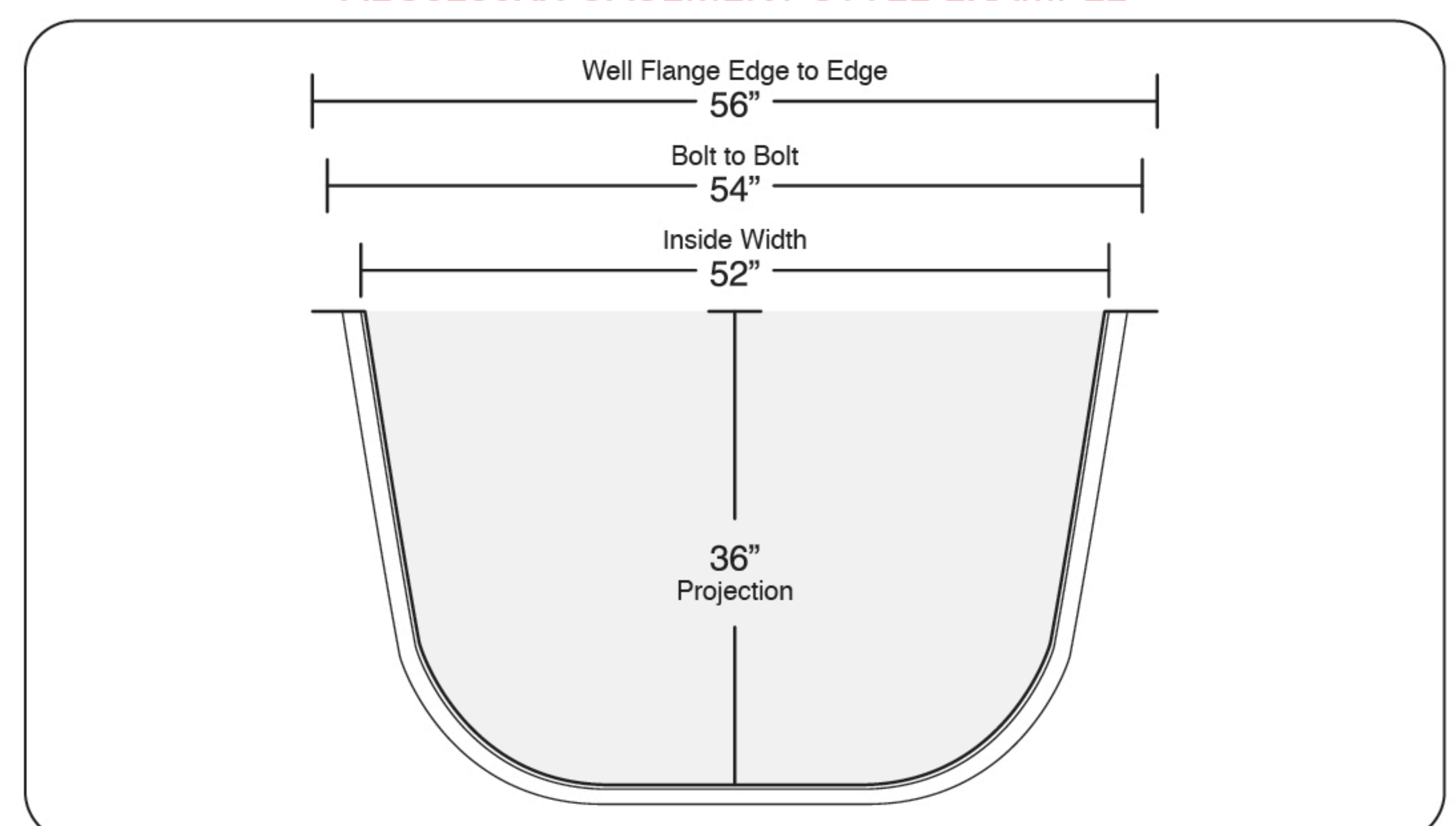
- Meets IRC 2018 Egress specifications
- 18 gauge G-90 galvanized steel for normal soil loading
- Corrugation depth full 1/2" giving maximum strength
- Rolled top and bottom edge standard on 48", 60", and higher area walls
- Rounded corners for safety
- Holes in flanges for bolting to wall

**Configurations of any other Width, Height, or Projection available upon request.**

| Model     | Width | Projection | Height | Weight (#) |
|-----------|-------|------------|--------|------------|
| AEC423612 | 42"   | 36"        | 12"    | 20         |
| AEC423618 | 42"   | 36"        | 18"    | 32         |
| AEC423624 | 42"   | 36"        | 24"    | 42         |
| AEC423630 | 42"   | 36"        | 30"    | 52         |
| AEC423636 | 42"   | 36"        | 36"    | 62         |
| AEC423648 | 42"   | 36"        | 48"    | 83         |
| AEC423660 | 42"   | 36"        | 60"    | 101        |
| AEC423672 | 42"   | 36"        | 72"    | 134        |
| AEC443612 | 44"   | 36"        | 12"    | 20         |
| AEC443618 | 44"   | 36"        | 18"    | 33         |
| AEC443624 | 44"   | 36"        | 24"    | 42         |
| AEC443630 | 44"   | 36"        | 30"    | 53         |
| AEC443636 | 44"   | 36"        | 36"    | 63         |
| AEC443648 | 44"   | 36"        | 48"    | 84         |
| AEC443660 | 44"   | 36"        | 60"    | 103        |
| AEC443672 | 44"   | 36"        | 72"    | 136        |
| AEC503612 | 50"   | 36"        | 12"    | 21         |
| AEC503618 | 50"   | 36"        | 18"    | 34         |
| AEC503624 | 50"   | 36"        | 24"    | 45         |
| AEC503630 | 50"   | 36"        | 30"    | 52         |
| AEC503636 | 50"   | 36"        | 36"    | 66         |
| AEC503648 | 50"   | 36"        | 48"    | 89         |
| AEC503660 | 50"   | 36"        | 60"    | 108        |
| AEC503672 | 50"   | 36"        | 72"    | 140        |
| AEC523612 | 52"   | 36"        | 12"    | 22         |
| AEC523618 | 52"   | 36"        | 18"    | 35         |
| AEC523624 | 52"   | 36"        | 24"    | 46         |
| AEC523630 | 52"   | 36"        | 30"    | 57         |
| AEC523636 | 52"   | 36"        | 36"    | 67         |
| AEC523648 | 52"   | 36"        | 48"    | 91         |
| AEC523660 | 52"   | 36"        | 60"    | 110        |
| AEC523672 | 52"   | 36"        | 72"    | 147        |
| AEC553612 | 55"   | 36"        | 12"    | 22         |
| AEC553618 | 55"   | 36"        | 18"    | 36         |
| AEC553624 | 55"   | 36"        | 24"    | 47         |
| AEC553630 | 55"   | 36"        | 30"    | 58         |
| AEC553636 | 55"   | 36"        | 36"    | 69         |
| AEC553648 | 55"   | 36"        | 48"    | 93         |
| AEC553660 | 55"   | 36"        | 60"    | 113        |
| AEC553672 | 55"   | 36"        | 72"    | 150        |

| Model     | Width | Projection | Height | Weight (#) |
|-----------|-------|------------|--------|------------|
| AEC603612 | 60"   | 36"        | 12"    | 23         |
| AEC603618 | 60"   | 36"        | 18"    | 37         |
| AEC603624 | 60"   | 36"        | 24"    | 49         |
| AEC603630 | 60"   | 36"        | 30"    | 60         |
| AEC603636 | 60"   | 36"        | 36"    | 72         |
| AEC603648 | 60"   | 36"        | 48"    | 97         |
| AEC603660 | 60"   | 36"        | 60"    | 118        |
| AEC603672 | 60"   | 36"        | 72"    | 156        |
| AEC673612 | 67"   | 36"        | 12"    | 24         |
| AEC673618 | 67"   | 36"        | 18"    | 39         |
| AEC673624 | 67"   | 36"        | 24"    | 52         |
| AEC673630 | 67"   | 36"        | 30"    | 64         |
| AEC673636 | 67"   | 36"        | 36"    | 76         |
| AEC673648 | 67"   | 36"        | 48"    | 102        |
| AEC673660 | 67"   | 36"        | 60"    | 124        |
| AEC673672 | 67"   | 36"        | 72"    | 165        |

**AEC5236XX CASEMENT STYLE EXAMPLE**

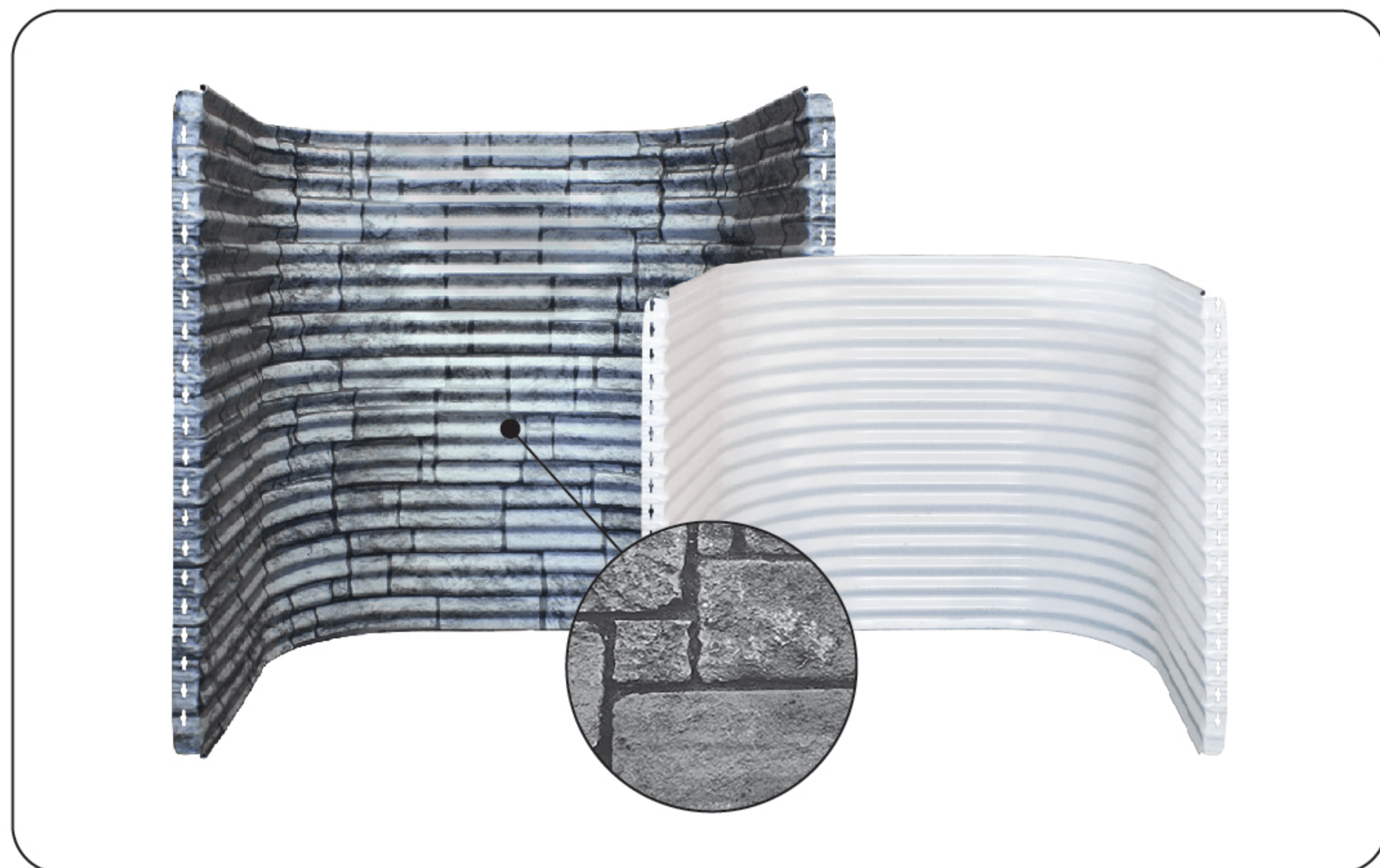




# AEC | Egress Casement Style



Commercial Grade | Painted | 18 Gauge | 9" Radius Corners



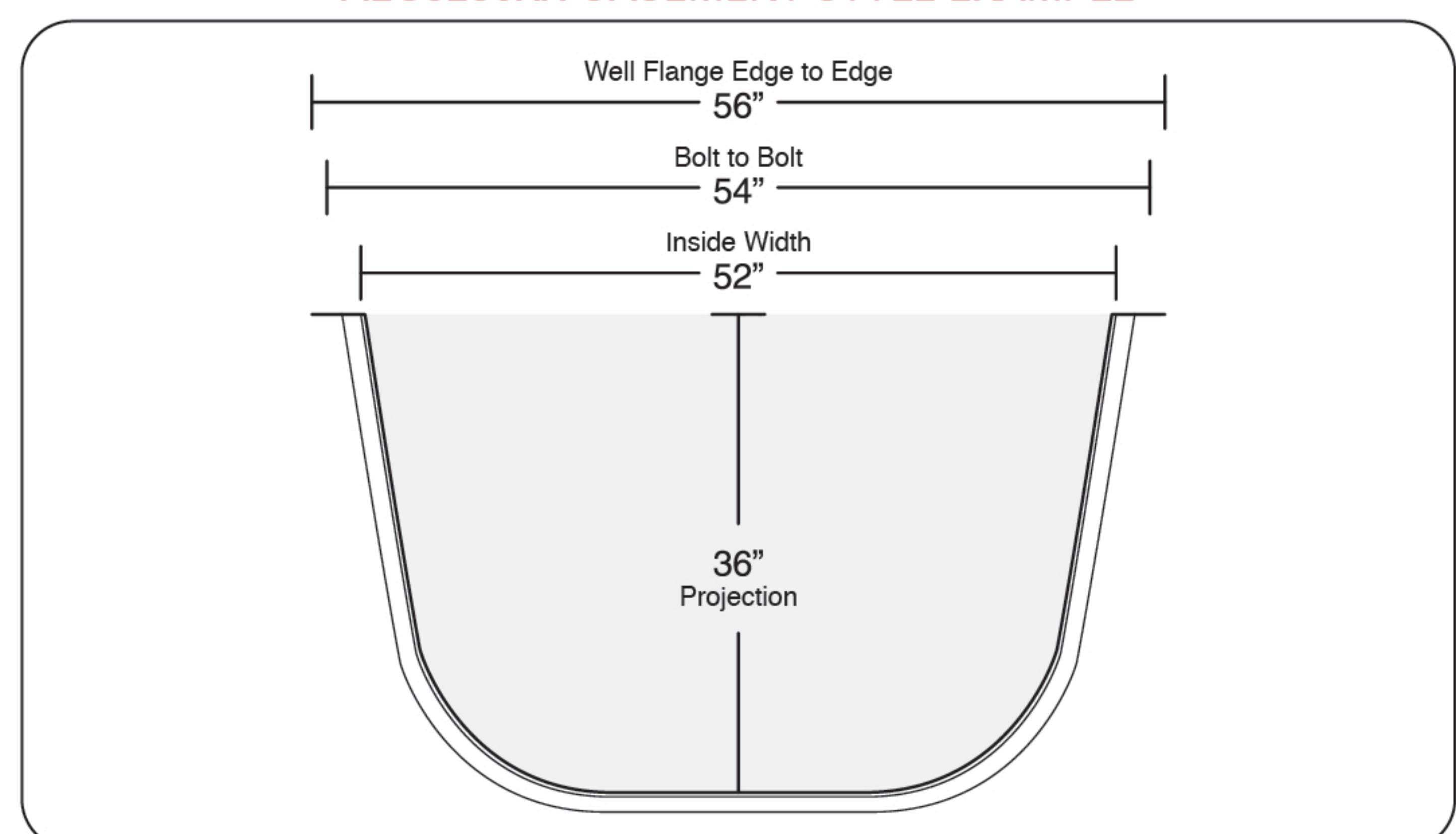
- Meets IRC 2018 Egress specifications
- 18 gauge G-90 galvanized steel coated before fabrication with pre-painted white or Marshall Castle Gray® stone pattern finish
- Inside paint finish protected with strippable clear plastic laminate
- Corrugation depth full 1/2" giving maximum strength
- 48" and 60" heights standard
- Rolled top and bottom edge standard on 48", 60", and higher area walls
- Rounded corners for safety
- Holes in flanges for bolting to wall
- Special packaging of pallet quantities to help protect paint finish during shipment

**Configurations of any other Width, Height, or Projection available upon request.**

| Model     | Width | Projection | Height | Weight (#) |
|-----------|-------|------------|--------|------------|
| AEC423612 | 42"   | 36"        | 12"    | 20         |
| AEC423618 | 42"   | 36"        | 18"    | 32         |
| AEC423624 | 42"   | 36"        | 24"    | 42         |
| AEC423630 | 42"   | 36"        | 30"    | 52         |
| AEC423636 | 42"   | 36"        | 36"    | 62         |
| AEC423648 | 42"   | 36"        | 48"    | 83         |
| AEC423660 | 42"   | 36"        | 60"    | 101        |
| AEC423672 | 42"   | 36"        | 72"    | 134        |
| AEC443612 | 44"   | 36"        | 12"    | 20         |
| AEC443618 | 44"   | 36"        | 18"    | 33         |
| AEC443624 | 44"   | 36"        | 24"    | 42         |
| AEC443630 | 44"   | 36"        | 30"    | 53         |
| AEC443636 | 44"   | 36"        | 36"    | 63         |
| AEC443648 | 44"   | 36"        | 48"    | 84         |
| AEC443660 | 44"   | 36"        | 60"    | 103        |
| AEC443672 | 44"   | 36"        | 72"    | 136        |
| AEC503612 | 50"   | 36"        | 12"    | 21         |
| AEC503618 | 50"   | 36"        | 18"    | 34         |
| AEC503624 | 50"   | 36"        | 24"    | 45         |
| AEC503630 | 50"   | 36"        | 30"    | 52         |
| AEC503636 | 50"   | 36"        | 36"    | 66         |
| AEC503648 | 50"   | 36"        | 48"    | 89         |
| AEC503660 | 50"   | 36"        | 60"    | 108        |
| AEC503672 | 50"   | 36"        | 72"    | 140        |
| AEC523612 | 52"   | 36"        | 12"    | 22         |
| AEC523618 | 52"   | 36"        | 18"    | 35         |
| AEC523624 | 52"   | 36"        | 24"    | 46         |
| AEC523630 | 52"   | 36"        | 30"    | 57         |
| AEC523636 | 52"   | 36"        | 36"    | 67         |
| AEC523648 | 52"   | 36"        | 48"    | 91         |
| AEC523660 | 52"   | 36"        | 60"    | 110        |
| AEC523672 | 52"   | 36"        | 72"    | 147        |
| AEC553612 | 55"   | 36"        | 12"    | 22         |
| AEC553618 | 55"   | 36"        | 18"    | 36         |
| AEC553624 | 55"   | 36"        | 24"    | 47         |
| AEC553630 | 55"   | 36"        | 30"    | 58         |
| AEC553636 | 55"   | 36"        | 36"    | 69         |
| AEC553648 | 55"   | 36"        | 48"    | 93         |
| AEC553660 | 55"   | 36"        | 60"    | 113        |
| AEC553672 | 55"   | 36"        | 72"    | 150        |

| Model     | Width | Projection | Height | Weight (#) |
|-----------|-------|------------|--------|------------|
| AEC603612 | 60"   | 36"        | 12"    | 23         |
| AEC603618 | 60"   | 36"        | 18"    | 37         |
| AEC603624 | 60"   | 36"        | 24"    | 49         |
| AEC603630 | 60"   | 36"        | 30"    | 60         |
| AEC603636 | 60"   | 36"        | 36"    | 72         |
| AEC603648 | 60"   | 36"        | 48"    | 97         |
| AEC603660 | 60"   | 36"        | 60"    | 118        |
| AEC603672 | 60"   | 36"        | 72"    | 156        |
| AEC673612 | 67"   | 36"        | 12"    | 24         |
| AEC673618 | 67"   | 36"        | 18"    | 39         |
| AEC673624 | 67"   | 36"        | 24"    | 52         |
| AEC673630 | 67"   | 36"        | 30"    | 64         |
| AEC673636 | 67"   | 36"        | 36"    | 76         |
| AEC673648 | 67"   | 36"        | 48"    | 102        |
| AEC673660 | 67"   | 36"        | 60"    | 124        |
| AEC673672 | 67"   | 36"        | 72"    | 165        |

**AEC5236XX CASEMENT STYLE EXAMPLE**





# AL | Egress Area Wall Ladders



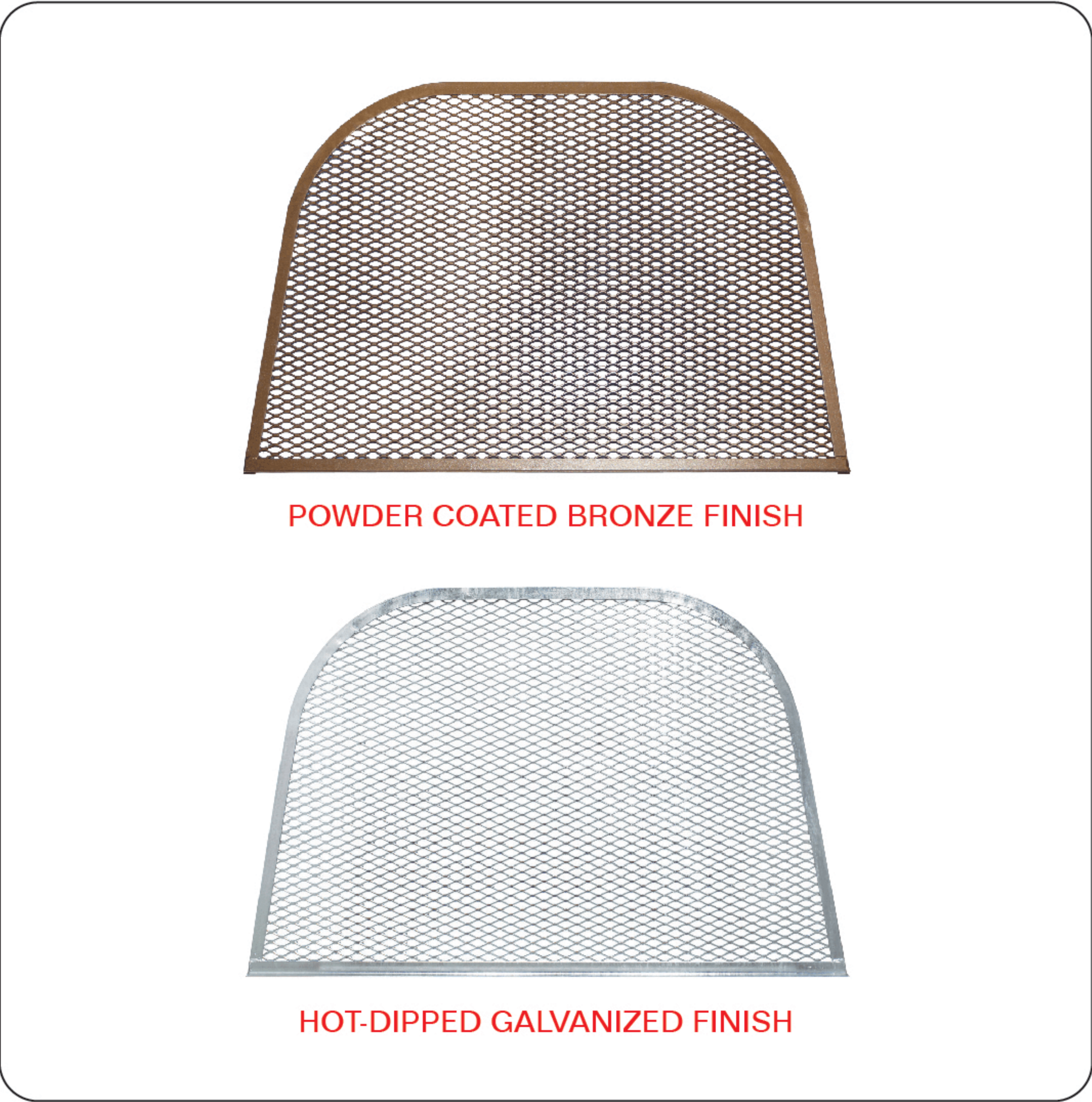
| Model   | Area Wall Height | Rungs | Overall Height | Weight (#) |
|---------|------------------|-------|----------------|------------|
| AL-3GHD | 48" thru 60"     | 3     | 46-1/2"        | 10         |
| AL-4GHD | 72" thru 84"     | 4     | 70"            | 13         |

- IRC 310.2.1 compliant for egress
- Welded steel construction
- Available in hot-dipped galvanized after fabrication or powder coated white or gray finish
- Mounting holes for attachment to area wall

# GC | Egress Area Wall Grates



Steel Grates | Expanded Metal Styles



| Model   | Description                   | Weight (#) |
|---------|-------------------------------|------------|
| GC4236E | Fits All 42" x 36" Area Walls | 25         |
| GC4436E | Fits All 44" x 36" Area Walls | 27         |
| GC5036E | Fits All 50" x 36" Area Walls | 30         |
| GC5236E | Fits All 52" x 36" Area Walls | 31         |
| GC5536E | Fits All 55" x 36" Area Walls | 33         |
| GC6036E | Fits All 60" x 36" Area Walls | 36         |
| GC6736E | Fits All 67" x 36" Area Walls | 41         |

- IRC 310.4 compliant for egress
- Welded steel construction
- Available in hot-dipped galvanized after fabrication or powder coated bronze finish
- Other sizes of round, square or casement styles available upon request.





# Trench Drain



## Steel Grate



6" Width  
6TDSG

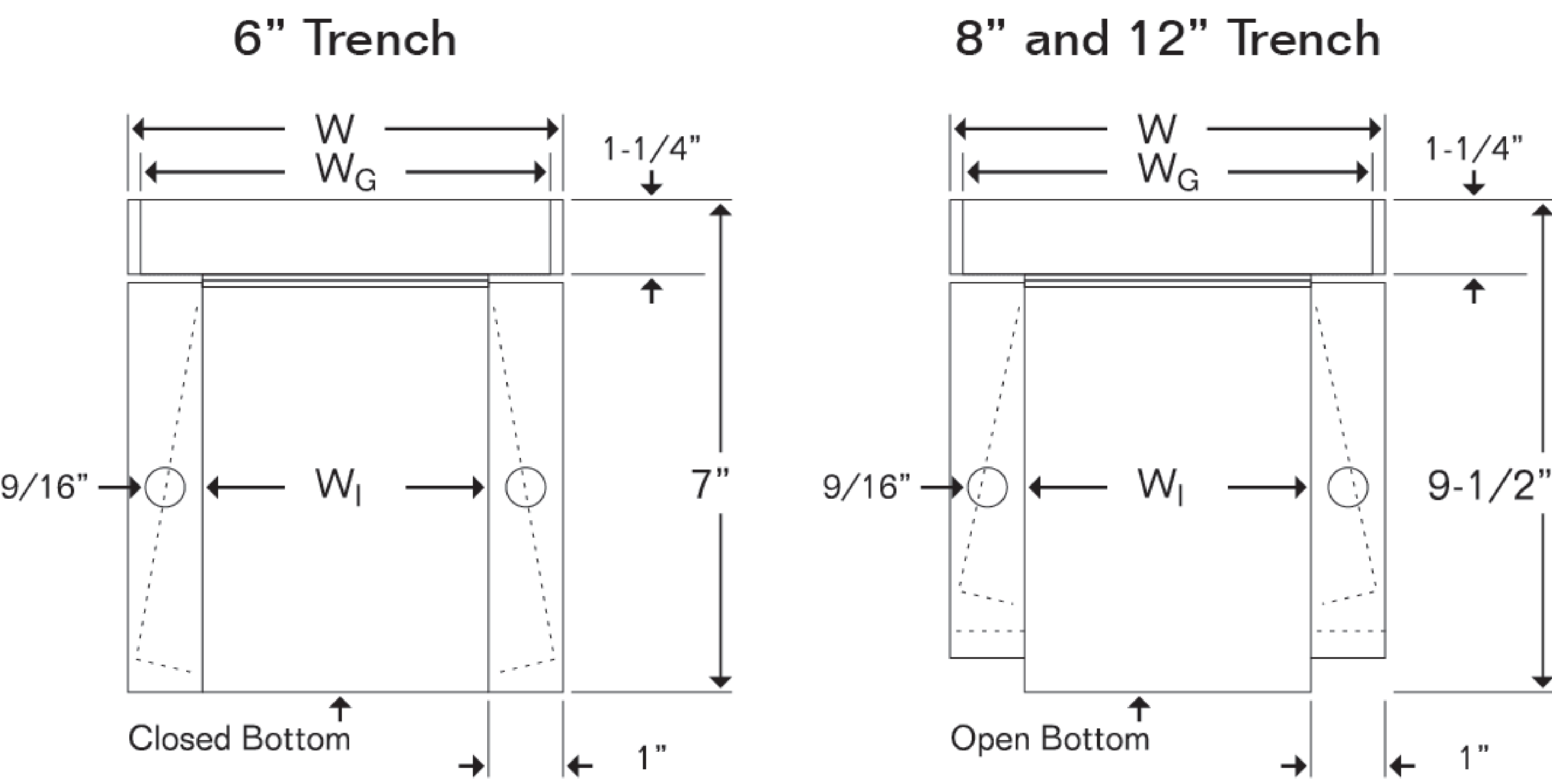


8" and 12" Widths  
8TDSG  
12TDSG

| Model   | Size | Description                    | Weight (#) |
|---------|------|--------------------------------|------------|
| 6TDSG   | 6"   | Steel Bottom w/ Steel Grate    | 10.0/Ft.   |
| 6TDB    | 6"   | Steel Bottom Box Only          | 5.0/Ft.    |
| 6SG     | 6"   | Steel Grate Only               | 5.0/Ft.    |
| 6EPS    | 6"   | Steel End Plate – Solid        | 1.0        |
| 6EPSWH  | 6"   | Steel End Plate w/ 4-1/4" Hole | 0.9        |
| 8TDSG   | 8"   | Open Bottom w/ Steel Grate     | 13.5/Ft.   |
| 8TDB    | 8"   | Open Bottom Box Only           | 6.3/Ft.    |
| 8SG     | 8"   | Steel Grate Only               | 5.5/Ft.    |
| 8EPS    | 8"   | Steel End Plate – Solid        | 2.0        |
| 8EPSWH  | 8"   | Steel End Plate w/ 4-1/4" Hole | 1.5        |
| 12TDSG  | 12"  | Open Bottom w/ Steel Grate     | 14.8/Ft.   |
| 12TDB   | 12"  | Open Bottom Box Only           | 6.5/Ft.    |
| 12SG    | 12"  | Steel Grate Only               | 8.0/Ft.    |
| 12EPS   | 12"  | Steel End Plate – Solid        | 2.6        |
| 12EPSWH | 12"  | Steel End Plate w/ 4-1/4" Hole | 2.4        |

- Durable construction for residential and light commercial applications
- Trench boxes have anchoring brackets for additional support
- Sections easily bolt together for continuous runs
- Steel grates held in place with stainless steel clips and screws
- All drains coated inside and out with red corrosion-resistant paint
- Tees, Els, and Jays available for corner applications
- Lower cost alternative to non-metallic drains

- Standard Lengths:  
6" Wide - 1', 4', 5', and 6'  
8" Wide - 4', 5', and 6'  
12" Wide - 4', 5', and 6'
- Skid Quantities:  
6"-4' and 5' – 49 pieces  
6"-6' – 35 pieces  
8"-4' – 25 pieces  
12"-4' – 15 pieces



| Product Widths          | Trench Sizes |        |         |
|-------------------------|--------------|--------|---------|
|                         | 6"           | 8"     | 12"     |
| Top (W)                 | 6-1/2"       | 8-1/4" | 12-1/4" |
| Grate (W <sub>G</sub> ) | 5-7/8"       | 7-7/8" | 11-7/8" |
| Box (W <sub>I</sub> )   | 4-1/2"       | 6-1/4" | 10-1/4" |





# Trench Drain



## Cast Grate



6" Width

6TDCG



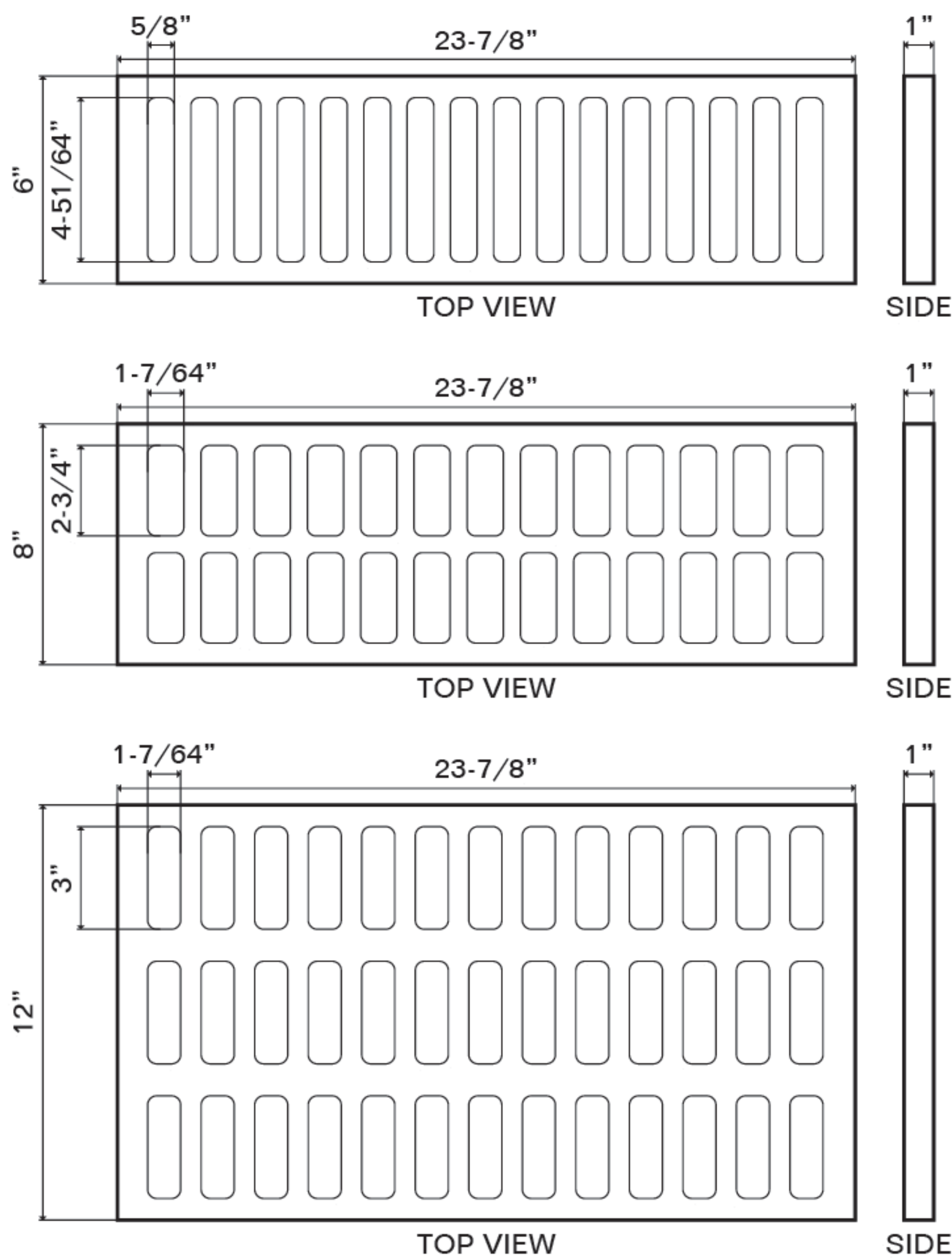
8" and 12"  
Widths

8TDCG  
12TDCG

| Model   | Size | Description                          | Weight (#) |
|---------|------|--------------------------------------|------------|
| 6TDCG   | 6"   | Steel Bottom w/ Ductile Iron Grate   | 14.8/Ft.   |
| 6TDB    | 6"   | Steel Bottom Box Only                | 5.0/Ft.    |
| 6CG2-1  | 6"   | Ductile Iron Grate Only – 2 Ft. Sec. | 19.4       |
| 6EPS    | 6"   | Steel End Plate – Solid              | 1.0        |
| 6EPSWH  | 6"   | Steel End Plate w/ 4-1/4" Hole       | 0.9        |
| 8TDCG   | 8"   | Open Bottom w/ Ductile Iron Grate    | 21.5/Ft.   |
| 8TDB    | 8"   | Open Bottom Box Only                 | 6.3/Ft.    |
| 8CGD2   | 8"   | Ductile Iron Grate Only – 2 Ft. Sec. | 30.4       |
| 8EPS    | 8"   | Steel End Plate – Solid              | 2.0        |
| 8EPSWH  | 8"   | Steel End Plate w/ 4-1/4" Hole       | 1.5        |
| 12TDCG  | 12"  | Open Bottom w/ Ductile Iron Grate    | 28.9/Ft.   |
| 12TDB   | 12"  | Open Bottom Box Only                 | 6.5/Ft.    |
| 12CGD2  | 12"  | Ductile Iron Grate Only – 2 Ft. Sec. | 44.8       |
| 12EPS   | 12"  | Steel End Plate – Solid              | 2.6        |
| 12EPSWH | 12"  | Steel End Plate w/ 4-1/4" Hole       | 2.4        |

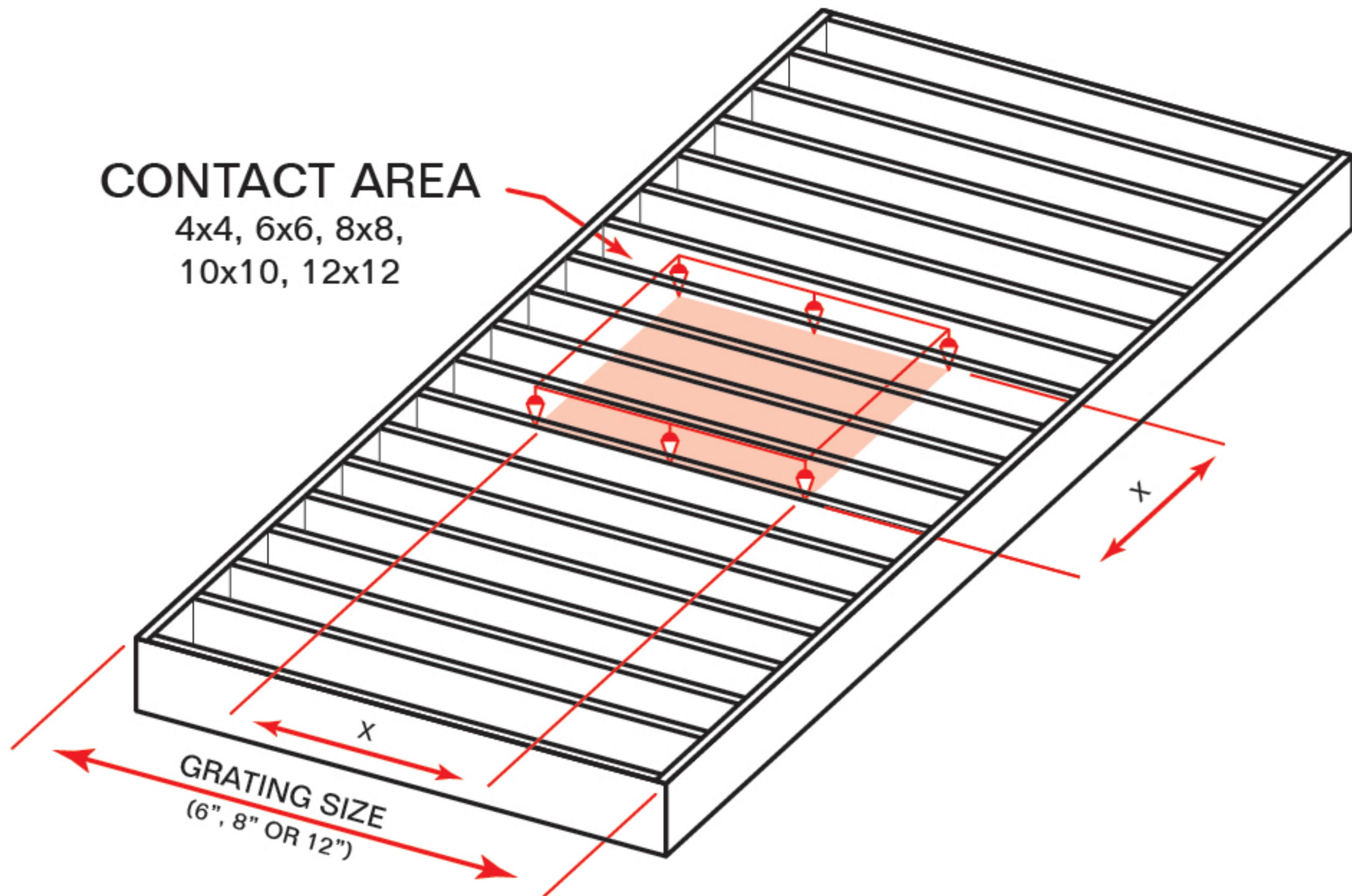
- Greater load capacity for commercial and industrial applications
- 6", 8", and 12" grate made of heavy duty ductile iron
- Grates fit easily in boxes and require no tools to install
- Grates shipped loose for on-site installation
- All grates are manufactured in 2' lengths
- Coated with black corrosion-resistant paint

- Standard Lengths:  
6" Wide - 4', 5', and 6'  
8" Wide - 4', 5', and 6'  
12" Wide - 4', 5', and 6'

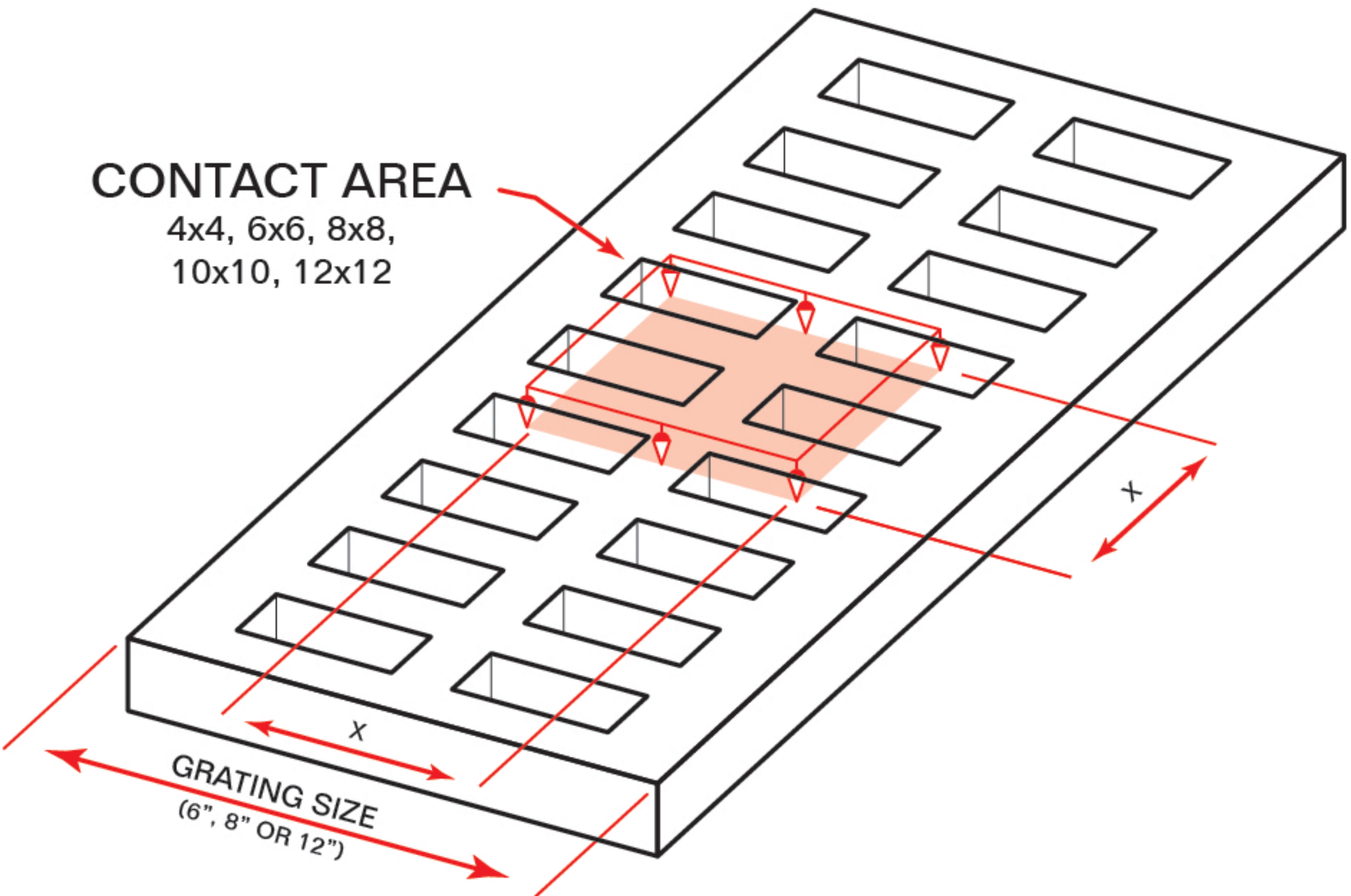




# Trench Drain Load Capacities & Flow Rates



Welded Grating



Cast Grating

| Grating Size | Maximum Allowable Load in pounds based on load contact area <sup>1,2</sup> |        |                 |        |                 |        |                   |        |                   |        |
|--------------|----------------------------------------------------------------------------|--------|-----------------|--------|-----------------|--------|-------------------|--------|-------------------|--------|
|              | 4-inch x 4-inch                                                            |        | 6-inch x 6-inch |        | 8-inch x 8-inch |        | 10-inch x 10-inch |        | 12-inch x 12-inch |        |
|              | Welded                                                                     | Cast   | Welded          | Cast   | Welded          | Cast   | Welded            | Cast   | Welded            | Cast   |
| 6-inch       | 6,400                                                                      | 9,600  | 12,800          | 21,400 | 22,800          | 40,000 | 35,700            | 57,100 | 51,400            | 85,700 |
| 8-inch       | 4,200                                                                      | 12,800 | 7,700           | 21,500 | 12,800          | 34,600 | 20,000            | 48,000 | 28,900            | 69,200 |
| 12-inch      | 2,500                                                                      | 7,600  | 4,200           | 11,900 | 6,400           | 17,300 | 9,100             | 21,900 | 12,800            | 30,700 |

1. Load values indicated include a 30% impact factor.
2. Loads are assumed to be evenly distributed over contact area indicated.
3. Shaded values indicate load areas that are larger than the grating size. In these cases, loads values represent the total load carried by the grating and surrounding pavement.
4. In addition to load values noted above, all grating types and sizes are rated for:
  - a. Standard AASHTO H20/HS20 truck loading.
  - b. Pneumatic tires inflated to 70 pounds per square inch or less.
5. Trench drains must be continuously supported and encased on both sides and bottom with 4" of 3,000 psi concrete to achieve load ratings indicated.

## Cast Iron Grating for Heavy Duty Applications

- Improved performance when subjected to hard wheel traffic such as pallet carts and forklifts.
- Improved performance in commercial and industrial applications.
- Lasts three times longer than welded grating when in similar environmental conditions.

## Approximate Flow Rate (based on 1% slope)

- 6" trench – 6.5 gallons per second
- 8" trench – 15.7 gallons per second
- 12" trench – 32.4 gallons per second

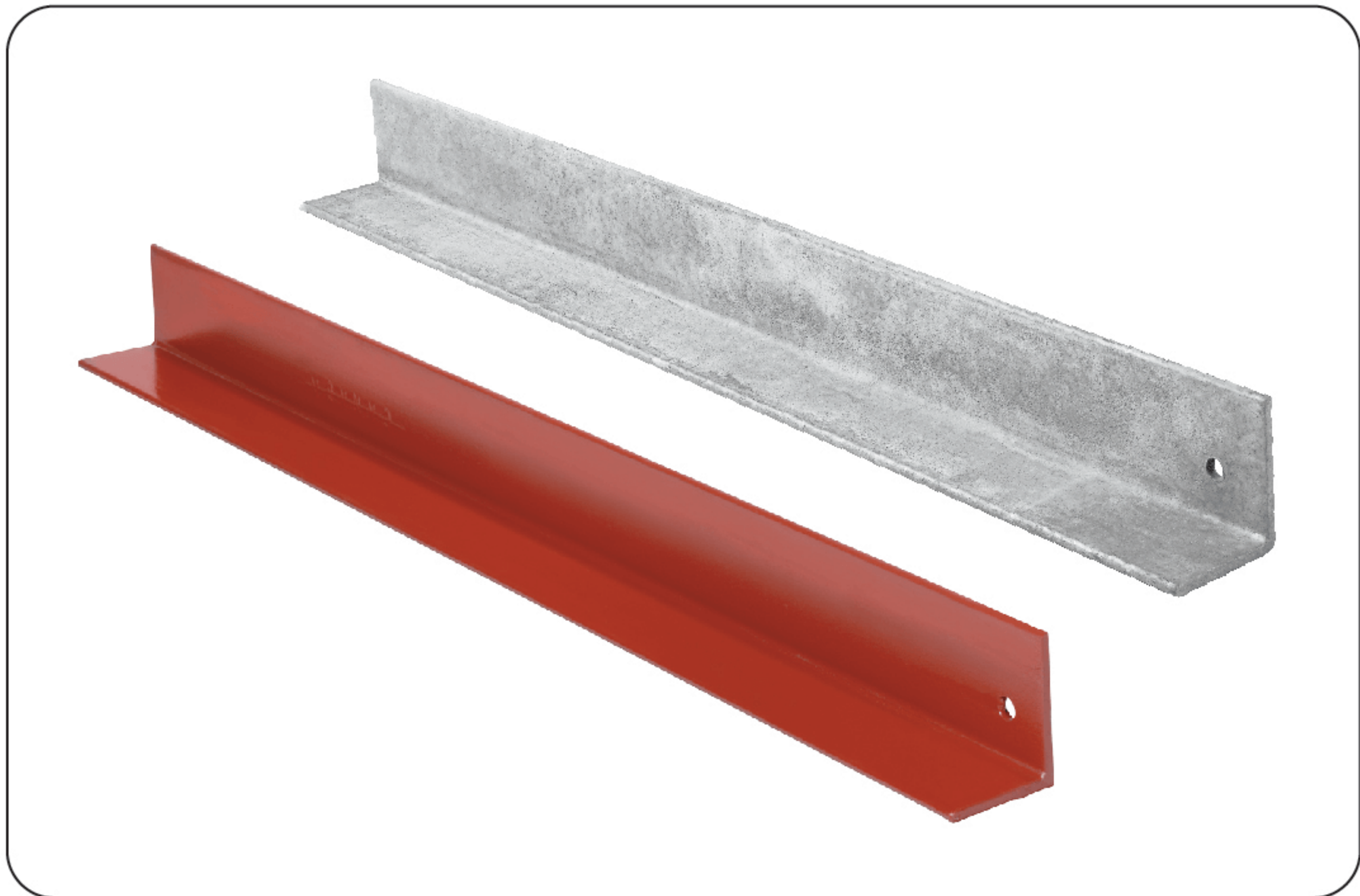




# Angle Lintels



Rolled Steel | Painted and Hot-Dipped Galvanized



- Made from prime mill angles, full corner fillet rolled in
- Painted angles 120" and under are dip coated with red corrosion-resistant paint
- Galvanized angles are hot-dipped and available in most popular lengths of 3-1/2" x 3" and 5" x 3-1/2"
- All lintels should be shored until mortar has cured

| MODEL NUMBERS               |                    |                       |                           |                   |                        |
|-----------------------------|--------------------|-----------------------|---------------------------|-------------------|------------------------|
| Size                        | 3" x 3"<br>x 3/16" | 3-1/2" x 3"<br>x 1/4" | 3-1/2" x 3-1/2"<br>x 1/4" | 4" x 3"<br>x 1/4" | 5" x 3-1/2"<br>x 5/16" |
| Wt. per ft. (#)             | 3.7                | 5.4                   | 5.8                       | 5.8               | 8.7                    |
| Length                      |                    |                       |                           |                   |                        |
| 24"                         | RA3324             | RA35324               | RA353524                  | RA4324            | RA53524                |
| 30"                         | RA3330             | RA35330               | RA353530                  | RA4330            | RA53530                |
| 36"                         | RA3336             | RA35336               | RA353536                  | RA4336            | RA53536                |
| 42"                         | RA3342             | RA35342               | RA353542                  | RA4342            | RA53542                |
| 48"                         | RA3348             | RA35348               | RA353548                  | RA4348            | RA53548                |
| 54"                         | RA3354             | RA35354               | RA353554                  | RA4354            | RA53554                |
| 60"                         | RA3360             | RA35360               | RA353560                  | RA4360            | RA53560                |
| 66"                         | RA3366             | RA35366               | RA353566                  | RA4366            | RA53566                |
| 72"                         | RA3372             | RA35372               | RA353572                  | RA4372            | RA53572                |
| 78"                         | RA3378             | RA35378               | RA353578                  | RA4378            | RA53578                |
| 84"                         | RA3384             | RA35384               | RA353584                  | RA4384            | RA53584                |
| 90"                         | RA3390             | RA35390               | RA353590                  | RA4390            | RA53590                |
| 96"                         | RA3396             | RA35396               | RA353596                  | RA4396            | RA53596                |
| 102"                        | RA33102            | RA353102              | RA3535102                 | RA43102           | RA535102               |
| 108"                        | RA33108            | RA353108              | RA3535108                 | RA43108           | RA535108               |
| 114"                        | RA33114            | RA353114              | RA3535114                 | RA43114           | RA535114               |
| 120"                        | RA33120            | RA353120              | RA3535120                 | RA43120           | RA535120               |
| *126"                       | RA33126            | RA353126              | RA3535126                 | RA43126           | RA535126               |
| *132"                       | RA33132            | RA353132              | RA3535132                 | RA43132           | RA535132               |
| *144"                       | RA33144            | RA353144              | RA3535144                 | RA43144           | RA535144               |
| *20-Ft.                     | RA3320             | RA35320               | RA353520                  | RA4320            | RA53520                |
| Special Lengths,<br>Per Ft. | RA33SL             | RA353SL               | RA3535SL                  | RA43SL            | RA535SL                |

\*Angles over 120" are unpainted

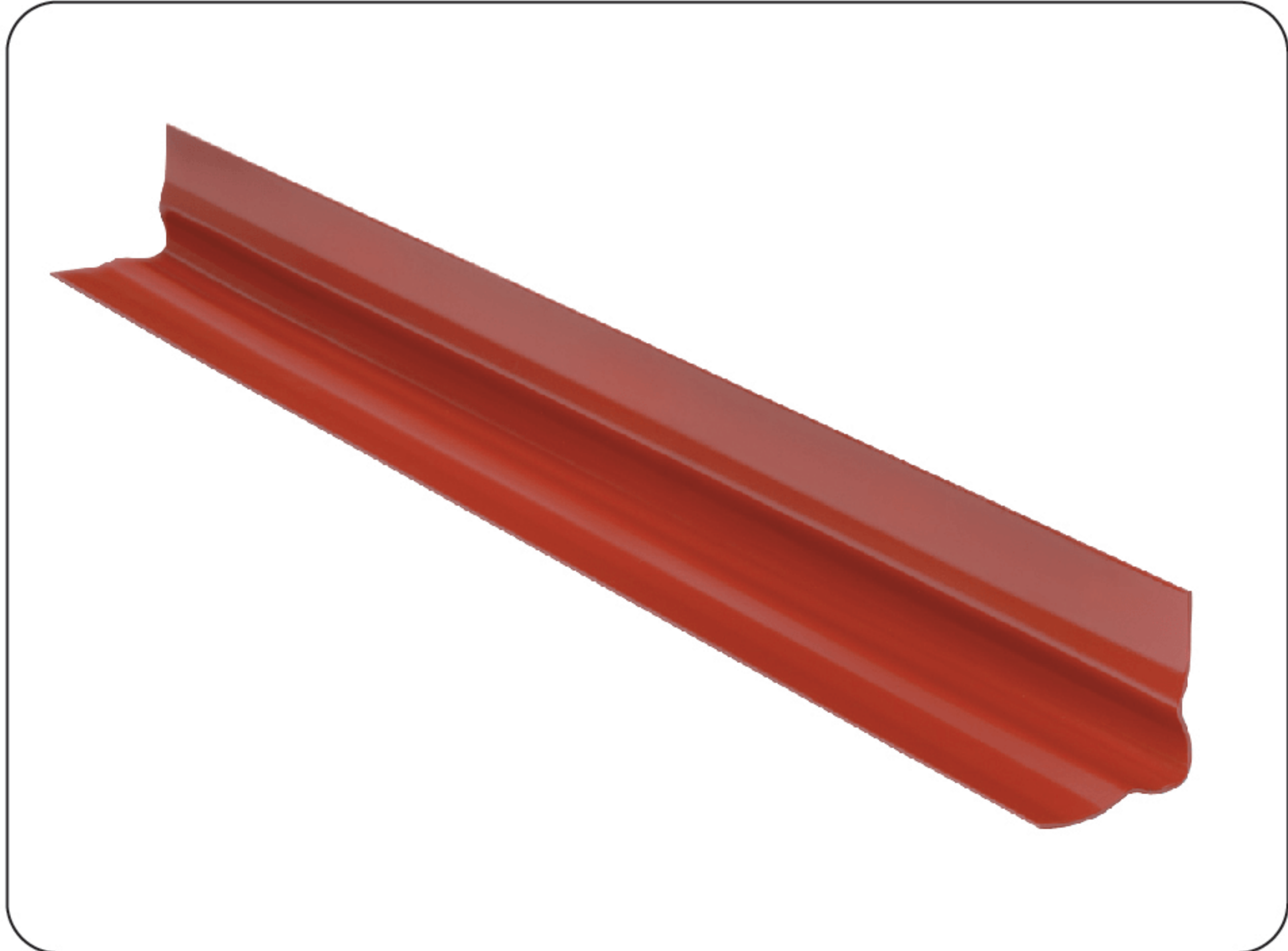




# Brick Lintels



## Pressed Steel



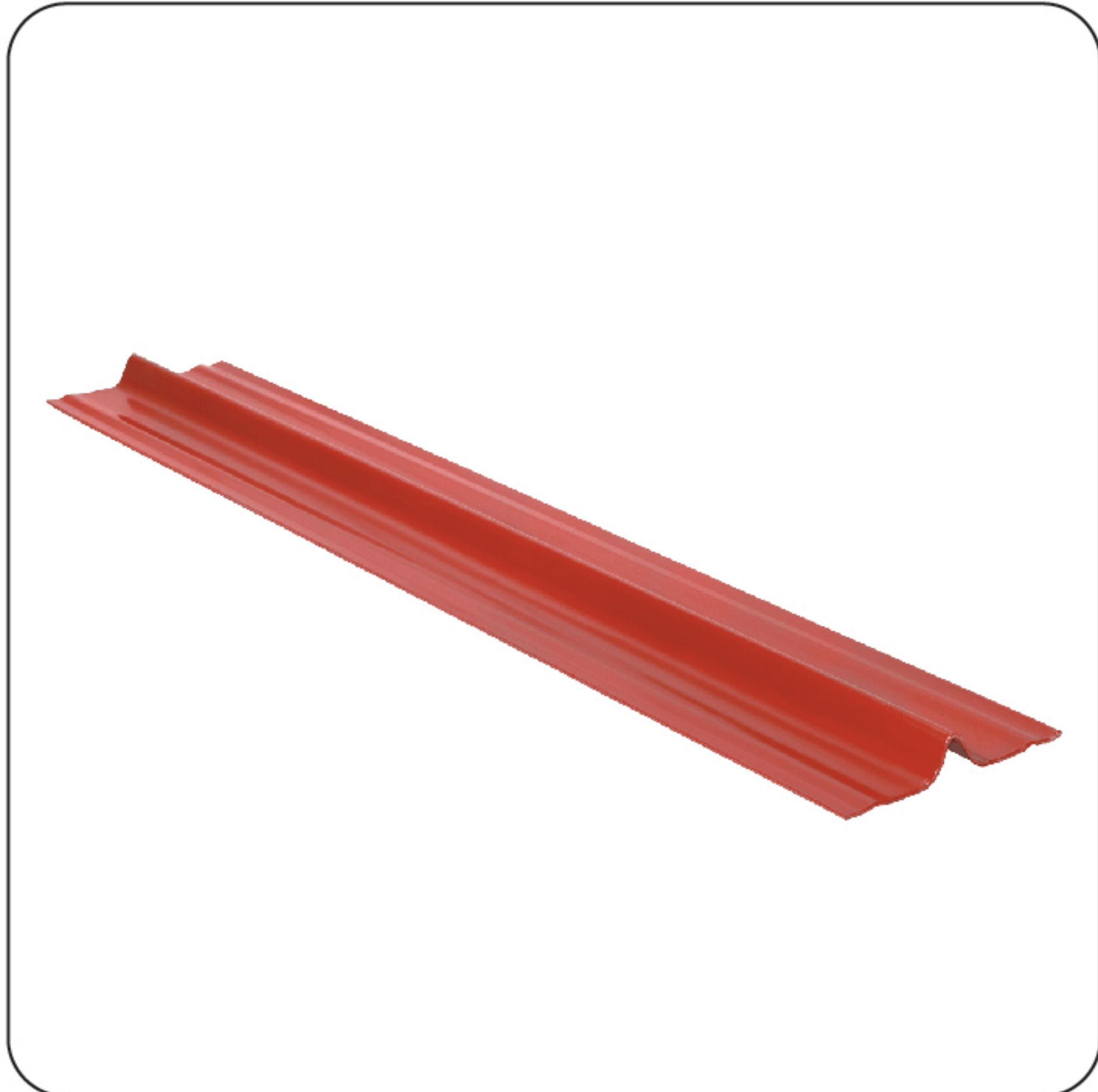
- Unique forming process develops high cross-sectional strength
- Ample load-bearing capacity, stiff in service, and free from sagging or buckling
- All lintels should be shored until mortar has cured
- Coated with red corrosion-resistant paint

| Model  | Dimensions                                              | Weight (#) |
|--------|---------------------------------------------------------|------------|
| BRK18  | 18" x 3-1/2" x 3-1/2" x 12GA                            | 3.8        |
| BRK24  | 24" x 3-1/2" x 3-1/2" x 12GA                            | 5.1        |
| BRK30  | 30" x 3-1/2" x 3-1/2" x 12GA                            | 6.4        |
| BRK36  | 36" x 3-1/2" x 3-1/2" x 12GA                            | 7.7        |
| BRK42  | 42" x 3-1/2" x 3-1/2" x 12GA                            | 8.9        |
| BRK48  | 48" x 3-1/2" x 3-1/2" x 12GA                            | 10.2       |
| BRK54  | 54" x 3-1/2" x 3-1/2" x 12GA                            | 11.4       |
| BRK60  | 60" x 4-1/2" x 3-1/2" x 12GA                            | 14.0       |
| BRK66  | 66" x 4-1/2" x 3-1/2" x 10GA                            | 20.5       |
| BRK72  | 72" x 4-1/2" x 3-1/2" x 10GA                            | 22.5       |
| BRK78  | 78" x 4-1/2" x 3-1/2" x 10GA                            | 23.4       |
| BRK84  | 84" x 4-1/2" x 3-1/2" x 10GA                            | 25.3       |
| BRK90  | 90" x 4-1/2" x 3-1/2" x 10GA                            | 27.2       |
| BRK96  | 96" x 4-1/2" x 3-1/2" x 10GA                            | 29.1       |
| BRK102 | 102" x 4-1/2" x 3-1/2" x 10GA                           | 31.0       |
| FVL    | Foundation Vent Lintels 3" x 20" (25 Per Bundle)        | 1.5        |
| FVLG   | Foundation Vent Lintels, Galv. 3" x 20" (25 Per Bundle) | 1.5        |

# Block Lintels



## Pressed Steel



- Unique forming process develops high cross-sectional strength
- Ample load-bearing capacity, stiff in service, and free from sagging or buckling
- All lintels should be shored until mortar has cured
- Coated with red corrosion-resistant paint

| 6" BLOCK LINTELS |                 |            |
|------------------|-----------------|------------|
| Model            | Dimensions      | Weight (#) |
| BLK630           | 30" x 5" x 12GA | 5.5        |
| BLK636           | 36" x 5" x 12GA | 6.5        |
| BLK642           | 42" x 5" x 12GA | 7.6        |
| BLK648           | 48" x 5" x 12GA | 8.7        |
| BLK654           | 54" x 5" x 12GA | 9.9        |
| BLK660           | 60" x 5" x 12GA | 10.9       |

| 8" BLOCK LINTELS |                 |            |
|------------------|-----------------|------------|
| Model            | Dimensions      | Weight (#) |
| BLK824           | 24" x 7" x 12GA | 6.1        |
| BLK830           | 30" x 7" x 12GA | 7.4        |
| BLK836           | 36" x 7" x 12GA | 8.6        |
| BLK842           | 42" x 7" x 12GA | 10.0       |
| BLK848           | 48" x 7" x 12GA | 11.4       |
| BLK854           | 54" x 7" x 12GA | 12.7       |
| BLK860           | 60" x 7" x 12GA | 14.0       |
| BLK866           | 66" x 7" x 10GA | 20.5       |
| BLK872           | 72" x 7" x 10GA | 22.5       |
| BLK878           | 78" x 7" x 10GA | 23.4       |
| BLK884           | 84" x 7" x 10GA | 25.3       |

| 10" BLOCK LINTELS |                 |            |
|-------------------|-----------------|------------|
| Model             | Dimensions      | Weight (#) |
| BLK1036           | 36" x 9" x 12GA | 11.3       |
| BLK1042           | 42" x 9" x 12GA | 13.1       |
| BLK1048           | 48" x 9" x 12GA | 15.0       |
| BLK1054           | 54" x 9" x 12GA | 17.6       |
| BLK1060           | 60" x 9" x 12GA | 19.6       |

| 12" BLOCK LINTELS |                  |            |
|-------------------|------------------|------------|
| Model             | Dimensions       | Weight (#) |
| BLK1236           | 36" x 11" x 12GA | 14.0       |
| BLK1242           | 42" x 11" x 12GA | 16.3       |
| BLK1248           | 48" x 11" x 12GA | 18.6       |
| BLK1254           | 54" x 11" x 12GA | 20.9       |
| BLK1260           | 60" x 11" x 12GA | 23.2       |





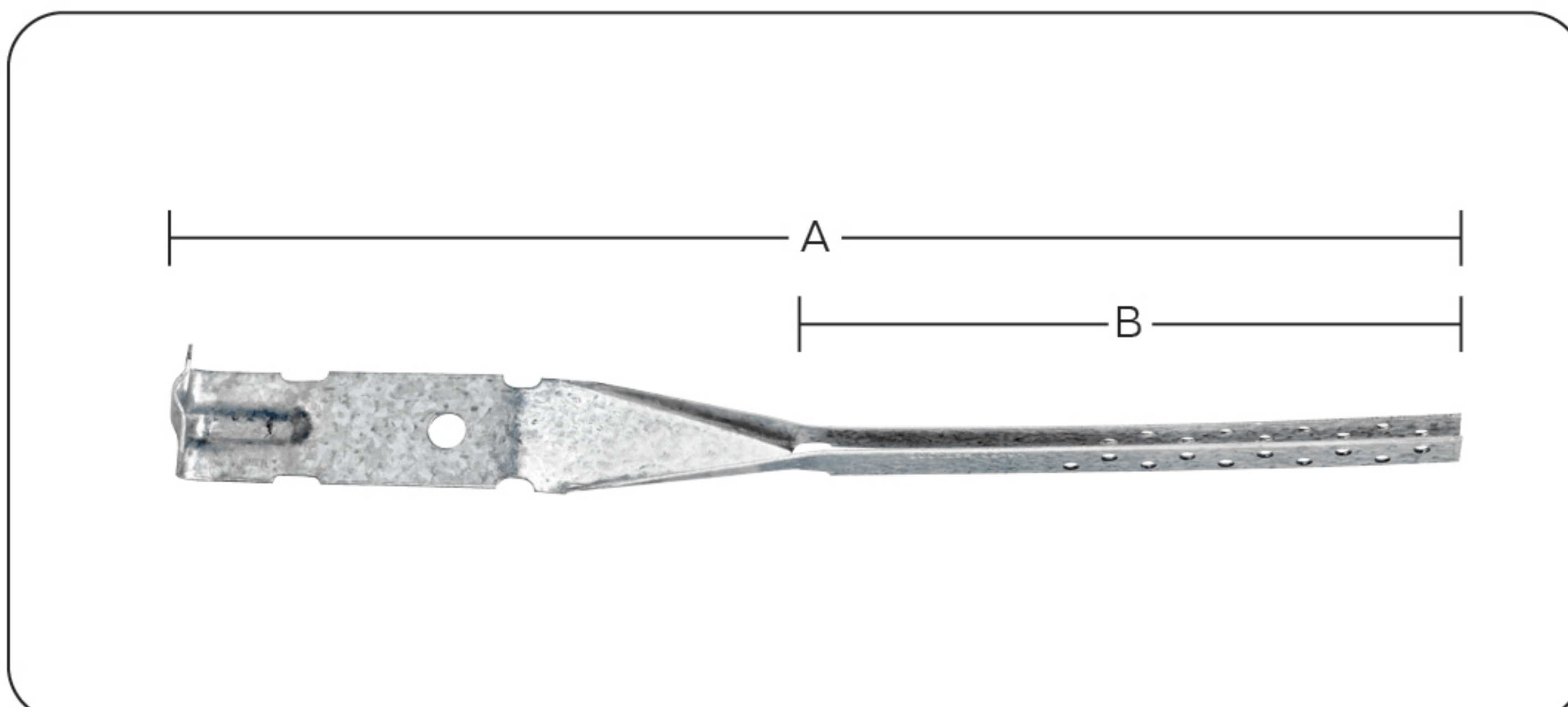
## Anchor Bolts

Plain and Galvanized



| Model Plain      | Bolt Diameter | Bolt Length | Weight/ Carton (#) | Pieces/ Carton |
|------------------|---------------|-------------|--------------------|----------------|
| AB126            | 1/2"          | 6"          | 18                 | 50             |
| AB128            | 1/2"          | 8"          | 22                 | 50             |
| AB1210           | 1/2"          | 10"         | 26                 | 50             |
| AB1212           | 1/2"          | 12"         | 30                 | 50             |
| AB1214           | 1/2"          | 14"         | 34                 | 50             |
| AB1216           | 1/2"          | 16"         | 38                 | 50             |
| AB1218           | 1/2"          | 18"         | 42                 | 50             |
| Model Galvanized | Bolt Diameter | Bolt Length | Weight Carton(#)   | Pieces/ Carton |
| ABG126           | 1/2"          | 6"          | 19.5               | 50             |
| ABG128           | 1/2"          | 8"          | 24.0               | 50             |
| ABG1210          | 1/2"          | 10"         | 28.5               | 50             |
| ABG1212          | 1/2"          | 12"         | 33.0               | 50             |
| ABG1214          | 1/2"          | 14"         | 38.0               | 50             |
| ABG1216          | 1/2"          | 16"         | 42.5               | 50             |
| ABG1218          | 1/2"          | 18"         | 47.0               | 50             |

## Foundation Anchors

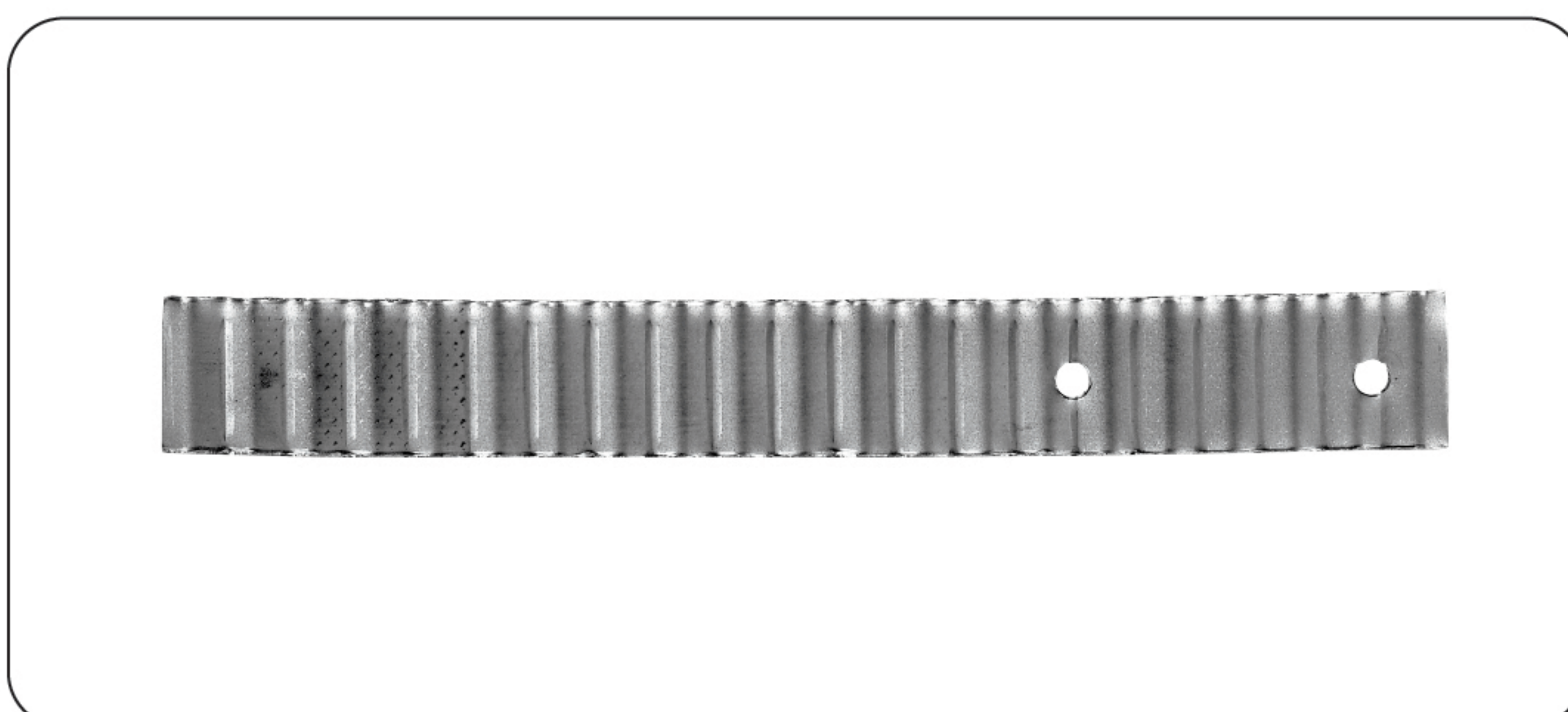


- 5/8", 3/4" and 1" diameters available upon request.

| Model               | Gauge               | Description A | Description B | Weight/ Carton(#) | Pieces/ Carton |
|---------------------|---------------------|---------------|---------------|-------------------|----------------|
| FA-14Z              | 18 Gauge Galvanized | 13-1/4"       | 6-3/4"        | 12.0              | 50             |
| FA-22Z              | 18 Gauge Galvanized | 21-1/2"       | 6-3/4"        | 18.3              | 50             |
| Shipped: Per Carton |                     |               |               |                   |                |

- For use with concrete or masonry foundation walls  
Does away with plate drilling to anchor mud sills to foundation
- For use with 2" x 4" and 2" x 6" sill plates
- Meets building codes for corrosion resistance
- Standard Pallet Quantities:  
FA-14Z – 150 cartons per pallet  
FA-22Z – 100 cartons per pallet

## Wall Ties



| Model                                 | Gauge | Minimum Size | Weight/ Carton(#) | Pieces/ Carton |
|---------------------------------------|-------|--------------|-------------------|----------------|
| WT28                                  | 28    | 7/8" x 7"    | 29.0              | 1,000 (loose)  |
| WT285                                 | 28    | 7/8" x 7"    | 14.5              | 500 (loose)    |
| WT22                                  | 22    | 7/8" x 7"    | 28.0              | 500 (loose)    |
| 100 Cartons Per Pallet; Uniform Gauge |       |              |                   |                |

- Galvanized steel
- Corrugated
- Approximate piece count, by weight
- Packed in sturdy individual cartons





# Foundation Access Doors



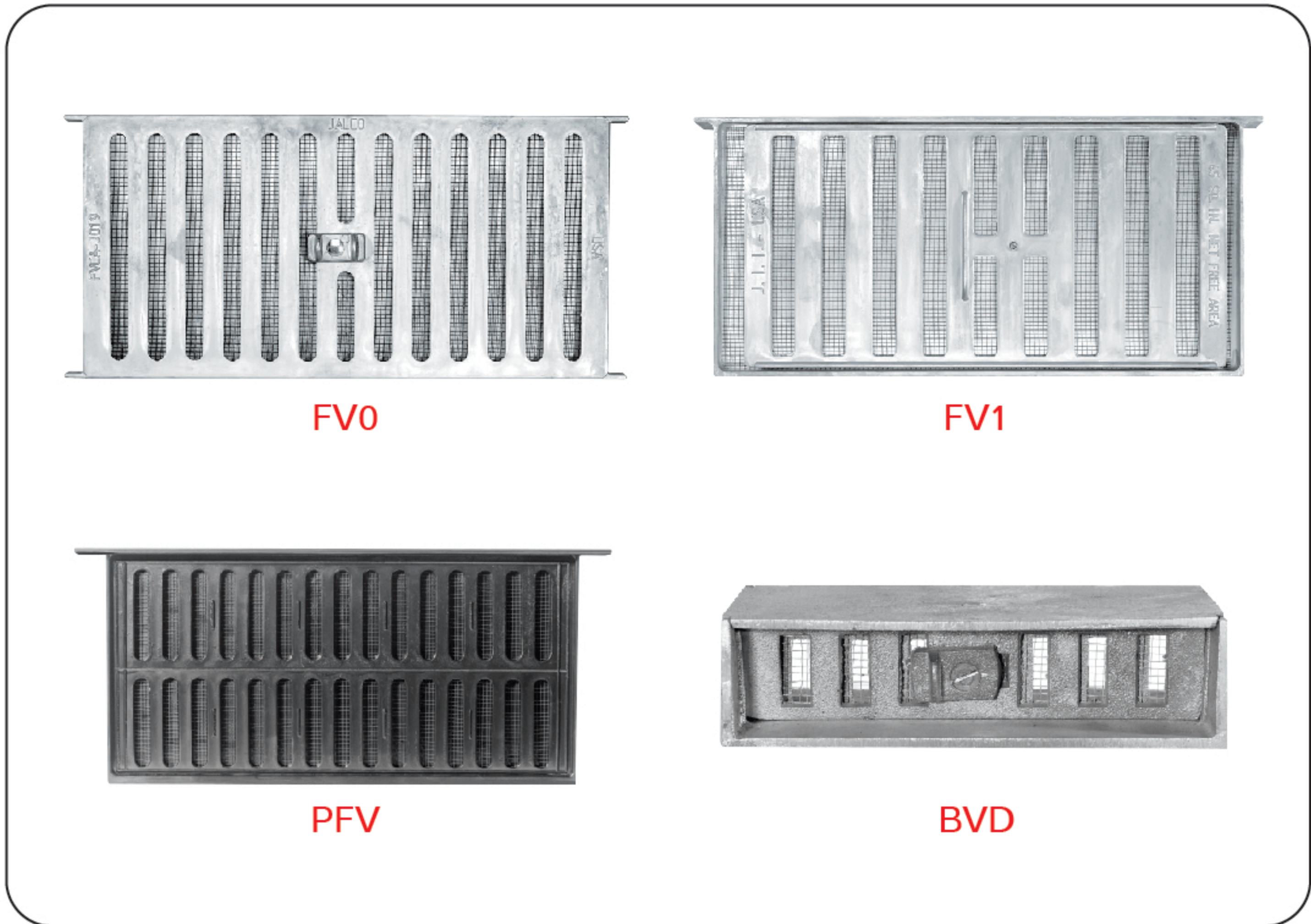
## Crawl Space Doors



- Heavy gauge steel; all welded construction
- Built-in 3" lintel
- Positive latch
- Made to accept padlock
- Coated with red corrosion-resistant paint

| Model  | Size      | Weight (#) | Pieces/Pallet |
|--------|-----------|------------|---------------|
| AD2416 | 24" x 16" | 13.8       | 72            |
| AD2424 | 24" x 24" | 16.5       | 36            |
| AD3216 | 32" x 16" | 16.0       | 64            |
| AD3220 | 32" x 20" | 19.0       | 32            |
| AD3224 | 32" x 24" | 20.5       | 32            |
| AD3232 | 32" x 32" | 23.0       | 32            |
| AD3240 | 32" x 40" | 31.0       | 32            |
| AD3624 | 36" x 24" | 25.0       | 28            |

# Foundation Ventilators



### BLOCK GRILLE TYPE | CAST ALUMINUM | PLASTIC

| Model | Size     | Description             | Weight/ Carton(#) | Pieces/ Carton |
|-------|----------|-------------------------|-------------------|----------------|
| FV0   | 8" x 16" | Aluminum – Slider Style | 30                | 12             |
| FV1   | 8" x 16" | Aluminum – Slider Style | 33                | 12             |
| PFV   | 8" x 16" | Plastic – Slider Style  | 17                | 12             |

Shipped: Per Carton

- Adjustable grille
- Aluminum screen

### BRICK RECESSED SHUTTER TYPE | CAST ALUMINUM

| Model | Size    | Description         | Weight/ Carton(#) | Pieces/ Carton |
|-------|---------|---------------------|-------------------|----------------|
| BVD   | 2" x 8" | Single Brick Height | 37                | 24             |

Shipped: Per Carton

- Aluminum screen
- Adjustable shutter regulates air flow
- Recessed design protects against rain

# Steel Stakes



- Steel stakes don't splinter or split like wood stakes
- Steel stakes drive and pull easier than wood stakes
- Steel stakes outlast wood stakes, many times over
- Steel stakes are ready to use; no cutting

| Model  | Size       | Weight/ Carton (#) | Pieces/ Carton |
|--------|------------|--------------------|----------------|
| NS3418 | 3/4" x 18" | 22.5               | 10             |
| NS3424 | 3/4" x 24" | 30.0               | 10             |
| NS3430 | 3/4" x 30" | 37.5               | 10             |
| NS3436 | 3/4" x 36" | 45.0               | 10             |

Shipped: Per Carton





# Chimney Caps



## Traditional Size Bolt-On Covers for Masonry Chimneys



BLACK GALVANIZED

- 24 gauge single piece galvanized steel hood
- 14 gauge galvanized steel base for extreme strength
- 18 gauge – 3/4" expanded galvanized steel mesh
- Attractive black powder coated finish
- Slotted hex-head bolts included
- Custom sizes available
- 7 year warranty

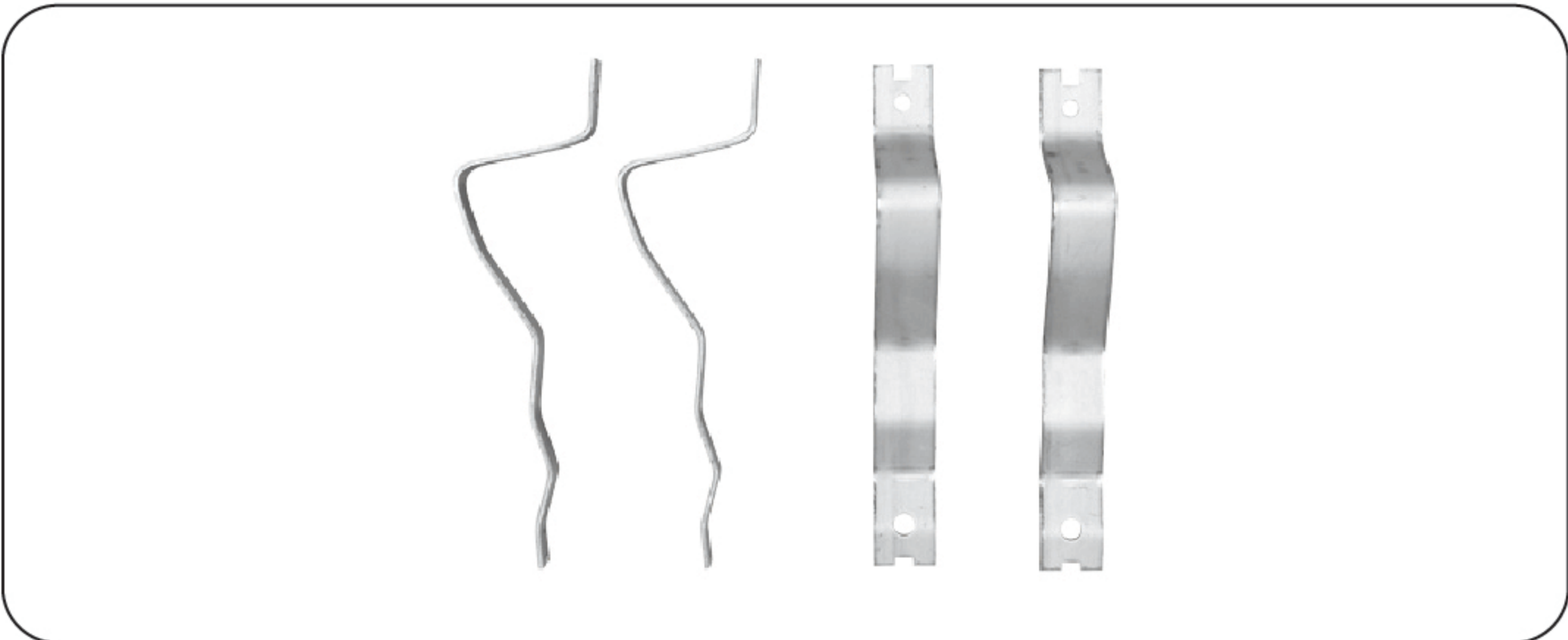


STAINLESS STEEL

- 100% 304 stainless steel
- 24 gauge single piece stainless steel hood
- 16 gauge stainless steel base for extreme strength
- 18 gauge – 3/4" expanded galvanized steel mesh
- Slotted hex-head stainless steel bolts included
- Custom sizes available
- Lifetime warranty

| Model   | Outside Tile Size | Fits Outside Dimensions                | Finish          | Weight (#) | Pieces/ Carton |
|---------|-------------------|----------------------------------------|-----------------|------------|----------------|
| CBO99   | 9" x 9"           | 7-1/2" x 7-1/2" to 9-1/2" x 9-1/2"     | Galv.-Ptd. Blk. | 7.0        | 1              |
| CBO913  | 9" x 13"          | 7-1/2" x 11-1/2" to 9-1/2" x 13-1/2"   | Galv.-Ptd. Blk. | 8.0        | 1              |
| CBO918  | 9" x 18"          | 7-1/2" x 16-1/2" to 9-1/4" x 18-1/4"   | Galv.-Ptd. Blk. | 10.0       | 1              |
| CBO1313 | 13" x 13"         | 11-1/2" x 11-1/2" to 13-1/2" x 13-1/2" | Galv.-Ptd. Blk. | 10.0       | 1              |
| CBO1318 | 13" x 18"         | 11-1/2" x 16-1/2" to 13-1/4" x 18-1/4" | Galv.-Ptd. Blk. | 12.0       | 1              |
| CBO1818 | 18" x 18"         | 16-1/2" x 16-1/2" to 18" x 18"         | Galv.-Ptd. Blk. | 14.5       | 1              |
| SS99    | 9" x 9"           | 7-1/2" x 7-1/2" to 9-1/2" x 9-1/2"     | 304 Stainless   | 6.5        | 1              |
| SS913   | 9" x 13"          | 7-1/2" x 11-1/2" to 9-1/2" x 13-1/2"   | 304 Stainless   | 8.0        | 1              |
| SS918   | 9" x 18"          | 7-1/2" x 16-1/2" to 9-1/4" x 18-1/4"   | 304 Stainless   | 9.0        | 1              |
| SS1313  | 13" x 13"         | 11-1/2" x 11-1/2" to 13-1/2" x 13-1/2" | 304 Stainless   | 9.5        | 1              |
| SS1318  | 13" x 18"         | 11-1/2" x 16-1/2" to 13-1/4" x 18-1/4" | 304 Stainless   | 11.0       | 1              |
| SS1818  | 18" x 18"         | 16-1/2" x 16-1/2" to 18" x 18"         | 304 Stainless   | 13.0       | 1              |

# Leg Kit



| Model  | Fits Sizes   | Finish        | Weight/ Carton(#) | Pieces/ Carton |
|--------|--------------|---------------|-------------------|----------------|
| LK4-SS | Any Size Cap | 304 Stainless | 1.5               | 24             |





# Fireplace Dampers

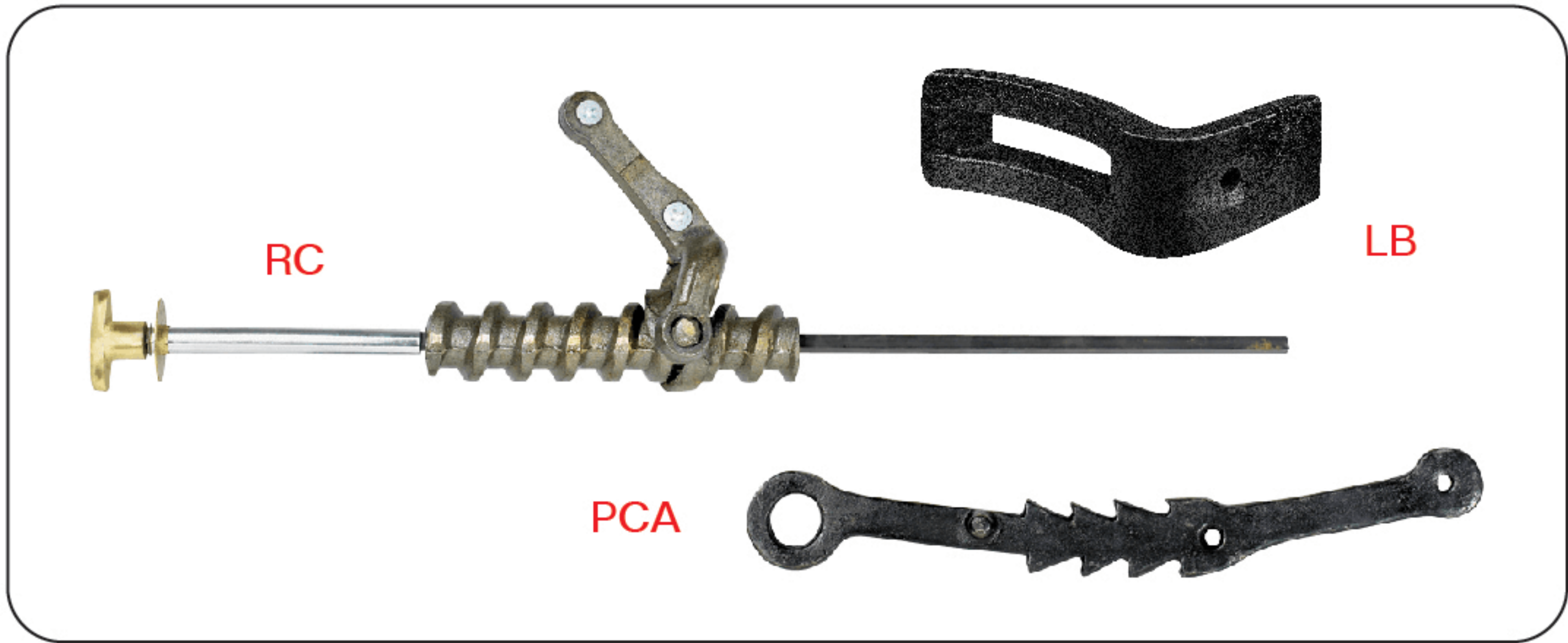
Cast Iron



| Model | Throat Dimensions |      |       | Weight (#) |
|-------|-------------------|------|-------|------------|
|       | Front             | Back | Depth |            |
| CD24  | 24"               | 16"  | 10"   | 28         |
| CD30  | 30"               | 22"  | 10"   | 37         |
| CD33  | 33"               | 25"  | 10"   | 42         |
| CD36  | 36"               | 28"  | 10"   | 47         |
| CD42  | 42"               | 34"  | 10"   | 56         |
| CD48  | 48"               | 40"  | 10"   | 65         |

- Complete with cast iron valve plate and 5 position poker control detached and bolted to body
- Most commonly used standard fireplace damper design
- Coated with black corrosion-resistant paint

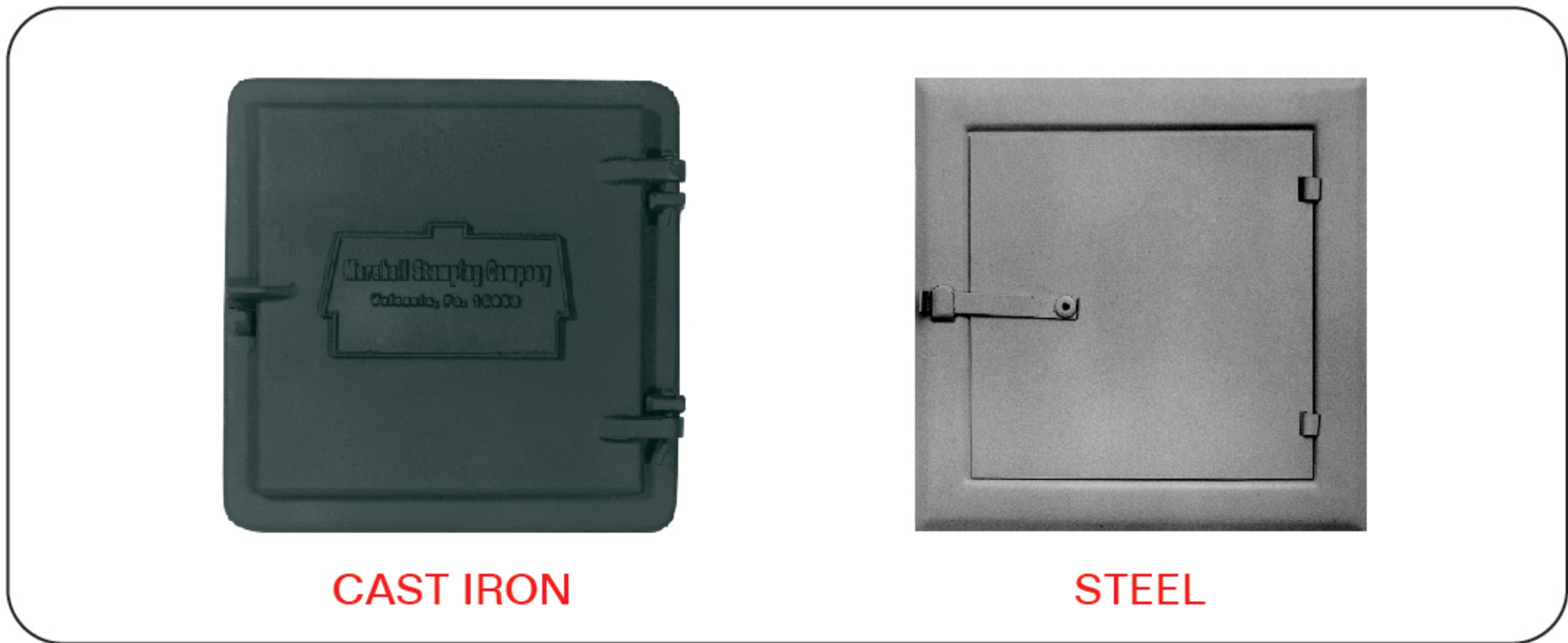
# Damper Controls



| Model | Description                 | Weight (#) |
|-------|-----------------------------|------------|
| RC    | Rotary Control – 10" Throat | 3          |
| PCA   | Poker Control – 10" Throat  | 1          |
| LB    | L-Bracket f/Poker Control   | 1          |

# Cleanout Doors

Cast Iron and Steel

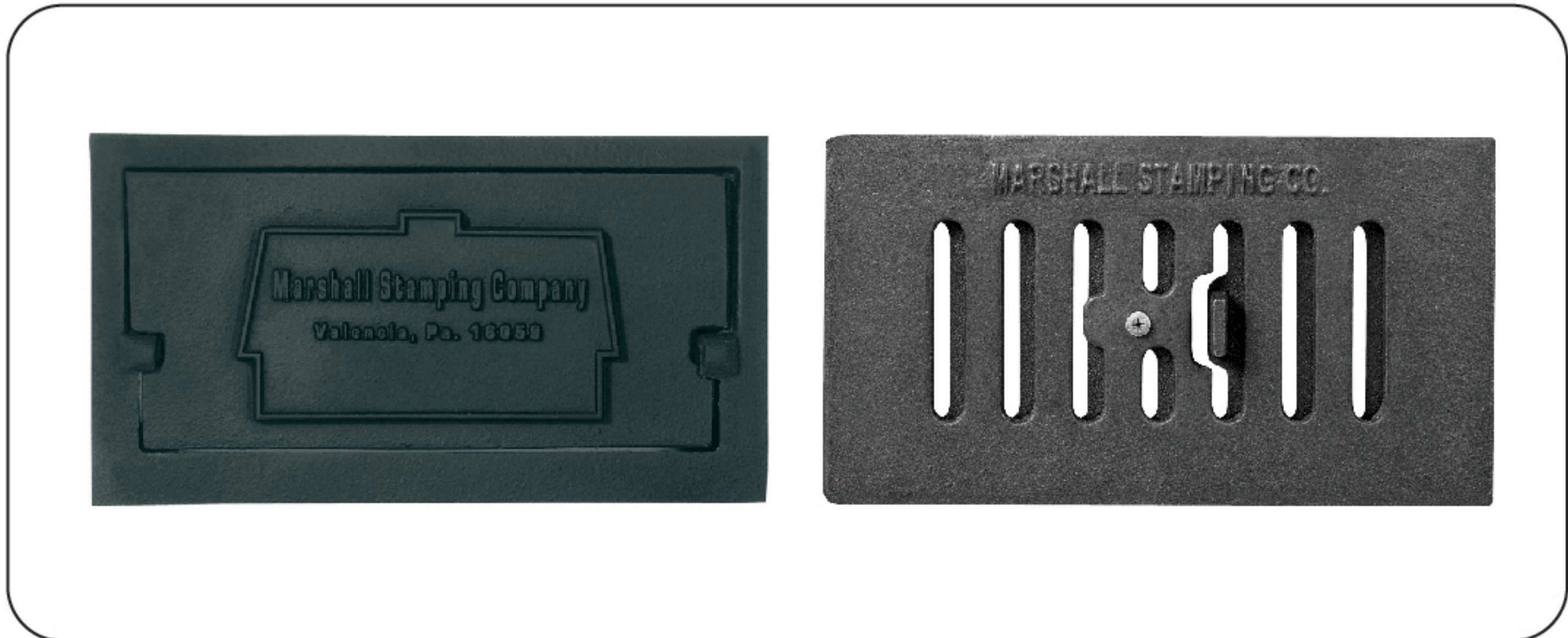


| Model  | Door Opening | Description      | Weight/ Carton(#) | Pieces/ Carton |
|--------|--------------|------------------|-------------------|----------------|
| CCD88  | 8" x 8"      | Cast Iron – Imp. | 48                | 6              |
| CCD810 | 8" x 10"     | Cast Iron – Imp. | 66                | 6              |
| CCD812 | 8" x 12"     | Cast Iron – Imp. | 68                | 6              |
| SCD88  | 8" x 8"      | Steel – Dom.     | 15                | 6              |

Shipped: Per Carton

# Ash Dumps

Cast Iron



| Model  | Size Opening | Description        | Weight/ Carton(#) | Pieces/ Carton |
|--------|--------------|--------------------|-------------------|----------------|
| AD459  | 4-1/2" x 9"  | Cast Iron – Imp.   | 36                | 12             |
| AD459V | 4-1/2" x 9"  | Cast Iron – Vented | 48                | 12             |

Shipped: Per Carton





# Bar Strainers

Cast Iron



BAR STRAINER



OVERSIZE STRAINER

| Model | Pipe Size    | Weight (#) |
|-------|--------------|------------|
| BS10  | 10"          | 10.7       |
| BS12  | 12"          | 15.5       |
| BS15  | 15"          | 25.0       |
| BS6J  | 6" Oversize  | 5.0        |
| BS8J  | 8" Oversize  | 7.5        |
| BS10J | 10" Oversize | 12.0       |
| BS12J | 12" Oversize | 14.8       |
| BS15J | 15" Oversize | 29.5       |

Shipped: Loose

- Coated with black corrosion-resistant paint

# Mortar Boxes



| Model | Outside Top Length | Dimensions Width | Depth | Weight (#) | Capacity (Cu. Ft.) |
|-------|--------------------|------------------|-------|------------|--------------------|
| MB0   | 50"                | 27"              | 10"   | 52         | 6.0                |
| MB1   | 63"                | 34"              | 10"   | 68         | 9.0                |
| MB15  | 75"                | 39"              | 10"   | 98         | 13.5               |

Shipped: Nested (no jamming)

- Formed from single, heavy gauge steel sheet
- All welded construction
- Coated with red corrosion-resistant paint

# Brick Clamps



| Model | Adjustable                  | Weight/ Carton (#) | Pieces/ Carton |
|-------|-----------------------------|--------------------|----------------|
| BC    | 16" to 26" (7 to 10 bricks) | 48                 | 12             |

- Established product; widespread industry acceptance
- Welded steel construction
- Coated with yellow enamel
- Packaged in individual sturdy cartons





