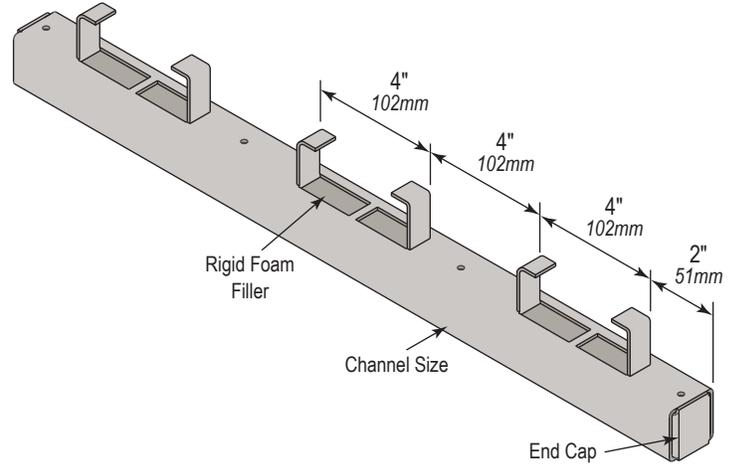
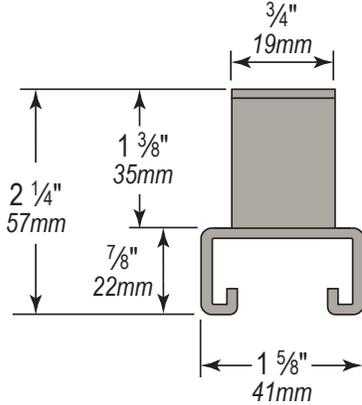


# Concrete Inserts

## Concrete Inserts - 1 5/8" x 7/8" - 12 Gauge

When ordering specify finish. Available in plain, pre-galvanized, hot dip galvanized after fabrication, type 304 and 316 stainless steel. Stainless steel sizes with Anchor end caps, the end caps will be hot dip galvanized. Refer to continuous concrete insert part number selection chart to build complete part number based on desired options.



Standard Finish: Pre-Galvanized (PG) • Hole Diameter: 9/16" (14mm); Hole Spacing - From End: 13/16" (21mm); Hole Spacing - On Center: 1-7/8" (48mm); Width: 1-5/8" (41mm); Thickness: 1/4" (6mm)

| Finish or Material Order Codes                         |                                      |                       |   |
|--|--------------------------------------|-----------------------|---|
| Material/Finish  | ASTM Designation                     | Material/Finish Codes | Description   |
| Hot Rolled: Channel                                    | A 1011SS GR33                        |                       | Hot rolled carbon steel sheet and strip, structural quality.  |
| Cold Rolled: Channel                                   | A 1008SS GR33, A 1008                |                       | Cold rolled carbon sheet steel.   |
| Hot Rolled Plate                                       | A 575                                | See Finishes Below    | Steel, sheet and strip, carbon drawing quality, special killed, hot rolled.   |
| Fitting (Steel)  | A 366 or A 36                        | See Finishes Below    | Steel carbon, cold rolled sheet, commercial quality structural steel.   |
| Electroplated  | ASTM B 633                           | <b>EG</b>             | Fittings and hardware supplied as "Electro-Galvanized"  |
| Mill-Galvanized (Pre-Galvanized)                       | A 653 SS GR33 G90.                   | <b>PG</b>             | Galvanized steel used in the manufacture of channel sections. Uncoated edges resulted from slitting, punching and channel cut off are present.        |
| Hot Dip Galvanized After Fabrication                   | ASTM A 123, ASTM A153, or ASTM A386. | <b>HG</b>             | Channel and fittings which are hot dip galvanized after fabrication.  |
| Paint-Green Powder Coating                             | --                                   | <b>GR</b>             | A dark green low gloss powder coating is applied and thoroughly baked after steel has been cleaned and phosphatized.                                  |
| Plain  | --                                   | <b>PL</b>             | Other commercially available finishes can be supplied per specification when required to protect applications.  |
| Special Coatings Yellow Passivate (Trivalent Chromium) | ASTM B63                             | <b>YC</b>             | Fittings and hardware supplied as "Electro-Galvanized", with a "Yellow" Dichromate conversion coat versus the clear conversion coat of the EG finish. |
| Stainless Steel:                                       | A 240 TYPE 304                       | <b>S4</b>             | Heat resisting chromium and chromium-nickel stainless steel plate, sheet, strip for pressure vessel.  |
|  | A 240 TYPE 316                       | <b>S6</b>             |   |
| Aluminum   | B 221 TYPE 6063 T6                   | <b>AL</b>             | Aluminum alloy extruded bar, rod, wire, shape and tube.   |

| PROJECT INFORMATION:         |               | APPROVAL STAMP: |
|------------------------------|---------------|-----------------|
| <b>Project:</b>              |               |                 |
| <b>Date:</b>                 | <b>Phone:</b> |                 |
| <b>Architect / Engineer:</b> |               |                 |
| <b>Contractor:</b>           |               |                 |
| <b>Address:</b>              |               |                 |
| <b>Notes 1:</b>              |               |                 |

# Concrete Inserts



## Concrete Inserts - 1<sup>5</sup>/<sub>8</sub>" x 7<sup>7</sup>/<sub>8</sub>" - 12 Gauge

| SPECIFYING Brand & Part No. | Size            | Max Allowable Point Load Lbs. (kN) | Min. Spacing of Point Load In. (mm) | Max Allowable Uniform Load       | DISCONTINUED Brands & Part No. |               |
|-----------------------------|-----------------|------------------------------------|-------------------------------------|----------------------------------|--------------------------------|---------------|
|                             |                 |                                    |                                     |                                  | VERSABAR                       | FLORIDA STRUT |
| WESANCO                     |                 |                                    |                                     |                                  |                                |               |
| W7954                       | 16" (406mm)     | 1,500<br>(6.67 kN)                 | 12"<br>(305mm)                      | 3,000 Lbs.<br>(13.34 kN)         | --                             | W7954         |
| W7955                       | 20" (508mm)     |                                    |                                     |                                  | --                             | W7955         |
| W7956                       | 24" (610mm)     |                                    |                                     |                                  | --                             | W7956         |
| W7957                       | 32" (813mm)     |                                    |                                     | 1,500 Lbs./Ft.<br>(2,232.2 kg/m) | --                             | W7957         |
| W7957A                      | 36" (914mm)     |                                    |                                     |                                  | --                             | W7957A        |
| W7958                       | 40" (1016mm)    |                                    |                                     |                                  | --                             | W7958         |
| W7959                       | 4' - 0" (1.2m)  |                                    |                                     |                                  | --                             | W7959         |
| W7960                       | 5' - 0" (1.5m)  |                                    |                                     |                                  | --                             | W7960         |
| W7961                       | 6' - 0" (1.8m)  |                                    |                                     |                                  | --                             | W7961         |
| W7962                       | 7' - 0" (2.1m)  |                                    |                                     |                                  | --                             | W7962         |
| W7963                       | 8' - 0" (2.4m)  |                                    |                                     |                                  | --                             | W7963         |
| W7964                       | 9' - 0" (2.7m)  |                                    |                                     |                                  | --                             | W7964         |
| W7965                       | 10' - 0" (3.0m) |                                    |                                     |                                  | --                             | W7965         |
| W7966                       | 12' - 0" (3.6m) |                                    |                                     |                                  | --                             | W7966         |
| W7967                       | 14' - 0" (4.2m) |                                    |                                     |                                  | --                             | W7967         |
| W7968                       | 16' - 0" (4.8m) |                                    |                                     |                                  | --                             | W7968         |
| W7969                       | 18' - 0" (5.4m) |                                    |                                     |                                  | --                             | W7969         |
| W7970                       | 20' - 0" (6.1m) |                                    |                                     |                                  | --                             | W7970         |

† Embedded in 3,000 psi or better concrete, Safety Factor = 3

## Continuous Concrete Insert Part Number Selection Chart

| Continuous Concrete Insert Part Number Descriptions |                 |  |                 |                       |
|---|-----------------|--|-----------------|-----------------------|
| Base Profile Part Number                            | Add Option Code | Description of Options                             | Add Finish Code | Completed Part Number |
| W7970   | N               | Insert Only  | PG              | W7970NPG              |
| W7970   | C               | Insert & End Caps Only                             | PG              | W7970CPG              |
| W7970   | F               | Insert, Tape, & Foam Only                          | PG              | W7970FPG              |
| W7970   | FC              | Insert, Tape, Foam, & End Caps                     | PG              | W7970FCPG             |
| W7970   | E               | Insert, Tape, & Ethafoam Only                      | PG              | W7970EPG              |
| W7970   | EC              | Insert, Tape, Ethafoam, & End Caps                 | PG              | W7970ECPG             |
| W7970   | W               | Insert & Welded Strip Only                         | PG              | W7970WPG              |
| W7970   | WC              | Insert, Welded Strip, & End Caps **                | PG              | W7970WCPCG            |
| W7970   | WCC             | Insert, Welded Strip, Closure Strip, & End Caps ** | PG              | W7970WCCPG            |

\*\* Note: When using welded strip, plastic end caps will be used.  
Stainless steel sizes with Anchor end caps, the end caps will be hot dip galvanized