



## FITTINGS ST SERIES

### PVC Jacketed AC MC Connector



Suitable for wet locations  
Types 2, 3, 3R, 4X, 5, 12, 13  
Ta -50°C to 40°C

Made in the USA



## FEATURES-SPECIFICATIONS

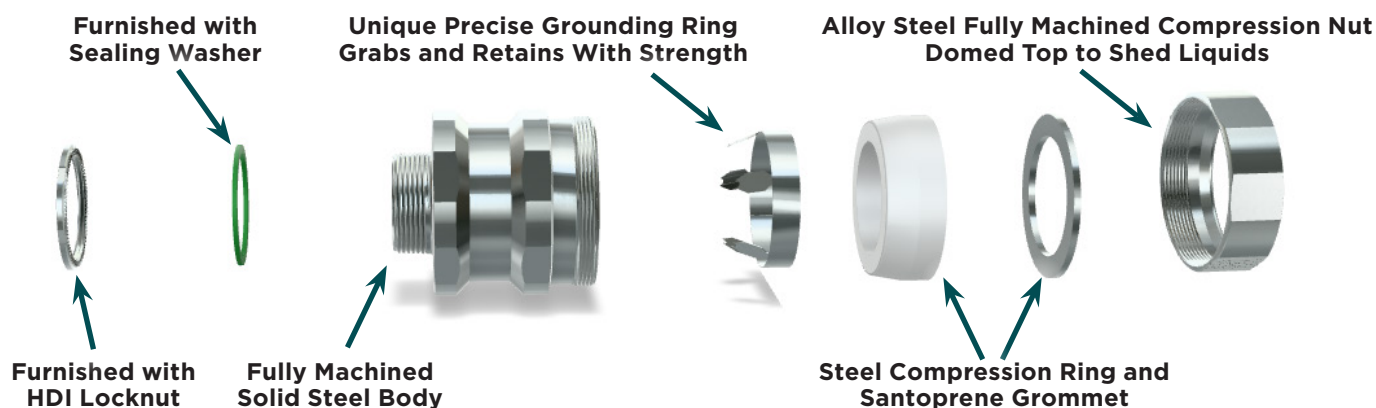
### Features

- Furnished with colour coded sized grommets to precisely fit your cord
- Fully machined ID-No burrs to snag wire
- Unique precise grounding ring to grab and retain the cord with strength
- Superior and robust design for better ingress protection
- Furnished with sealing washer and HDI Locknut

- Precision-machined design provides full torque value, preventing conduit pullout and maintaining complete grounding
- Watertight and Liquidtight
- In most cases, installation can be done without disassembling the fitting
- Available in steel and aluminum finish

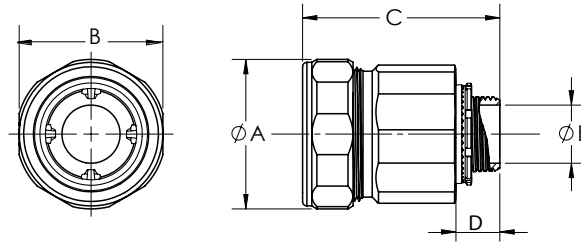
### Materials

- Nut/Body
  - » Steel, Aluminum
- Grommet
  - » Santoprene
- Locknut
  - » Steel
- Grounding Ring
  - » Steel





## Construction Details



Each Catalogue Number is furnished with specific sized coloured grommets as shown for that cable range.

| ST SERIES        |                   |                         |                         |                       |                        |         |          |          |        |          |
|------------------|-------------------|-------------------------|-------------------------|-----------------------|------------------------|---------|----------|----------|--------|----------|
| Catalogue Number | Trade Size (Inch) | Cable Range Over Jacket | Cable Range Over Armour | Grommet Colour to Use | Strip Outer Jacket (1) | ØA      | B (Hex)  | C*       | D      | ØE       |
| ST050H462        | 1/2               | .485-.585               | .405-.505               | Yellow                | 3/8"-1/2"              | 1-3/16" | 1-1/8"   | 2"       | 5/8"   | .440     |
|                  |                   | .560-.610               | .480-.530               | Grey                  |                        |         |          |          |        |          |
|                  |                   | .610-.720               | .500-.610               | Black                 |                        |         |          |          |        |          |
| ST050H465        | 1/2               | .670-.750               | .620-.700               | Yellow                | 13/16"-7/8"            | 1-7/16" | 1-1/4"   | 2-1/4"   | 5/8"   | .610     |
|                  |                   | .750-.825               | .700-.735               | Grey                  |                        |         |          |          |        |          |
| ST050H466        | 1/2               | .825-.875               | .745-.795               | Grey                  | 13/16"-7/8"            | 1-5/8"  | 1-9/16"  | 2-1/2"   | 5/8"   | .610     |
|                  |                   | .875-1.000              | .795-.920               | Red                   |                        |         |          |          |        |          |
| ST075H467        | 3/4               | .875-1.000              | .795-.920               | Red                   | 13/16"-7/8"            | 1-5/8"  | 1-9/16"  | 2-1/2"   | 5/8"   | .735     |
|                  |                   | 1.000-1.065             | .920-.985               | Blue                  |                        |         |          |          |        |          |
| ST075H468        | 3/4               | 1.065-1.125             | .970-1.070              | Blue                  | 7/8"-1"                | 2-1/16" | 2"       | 2-13/16" | 5/8"   | .790     |
|                  |                   | 1.125-1.250             | 1.070-1.160             | Red                   |                        |         |          |          |        |          |
| ST100H469        | 1                 | 1.065-1.125             | .970-1.070              | Blue                  | 7/8"-1"                | 2-1/16" | 2"       | 2-13/16" | 5/8"   | .950     |
|                  |                   | 1.125-1.250             | 1.070-1.160             | Red                   |                        |         |          |          |        |          |
| ST100H549        | 1                 | 1.250-1.375             | 1.170-1.250             | White                 | 7/8"-1"                | 2-1/16" | 2"       | 2-7/8"   | 11/16" | .970     |
| ST125H470        | 1-1/4             | 1.380-1.500             | 1.250-1.375             | Blue                  | 7/8"-1"                | 2-3/8"  | 2-5/16"  | 3-1/2"   | 11/16" | 1.210    |
|                  |                   | 1.500-1.630             | 1.375-1.505             | Green                 |                        |         |          |          |        |          |
| ST125H471        | 1-1/4             | 1.630-1.750             | 1.505-1.625             | Brown                 | 1"-1-7/16"             | 2-7/8"  | 2-13/16" | 4-5/16"  | 11/16" | 1.350    |
|                  |                   | 1.750-1.880             | 1.625-1.755             | Purple                |                        |         |          |          |        |          |
| ST150H472        | 1-1/2             | 1.630-1.750             | 1.505-1.625             | Brown                 | 1"-1-7/16"             | 2-7/8"  | 3-1/4"   | 4-1/4"   | 11/16" | 1.445    |
|                  |                   | 1.750-1.880             | 1.625-1.755             | Purple                |                        |         |          |          |        |          |
| ST150H473        | 1-1/2             | 1.880-1.965             | 1.800-1.885             | White                 | 1-1/16"-1-5/16"        | 3-3/8"  | 3-1/4"   | 4-5/8"   | 11/16" | 1.447    |
|                  |                   | 1.970-2.185             | 1.890-2.100             | Orange                |                        |         |          |          |        |          |
| ST200H551        | 2                 | 1.880-1.965             | 1.800-1.885             | White                 | 1"-2"                  | 3-3/8"  | 3-1/2"   | 4-1/2"   | 3/4"   | 1-11/16" |
|                  |                   | 1.970-2.185             | 1.890-2.100             | Orange                |                        |         |          |          |        |          |
| ST200H474        | 2                 | 2.185-2.365             | 2.100-2.280             | Brown                 | 1-1/8"-2"              | 3-3/8"  | 3-7/8"   | 4-1/2"   | 3/4"   | 2"       |
|                  |                   | 2.365-2.565             | 2.280-2.480             | Green                 |                        |         |          |          |        |          |

Add suffix "S" at the end of part number for Steel finish.

### Installation Notes:

Each fitting includes an instructional installation card to assist in assembly. Most items come with a series of colour coded grommets to best fit the cable diameter you are using, this is the diameter of the PVC OD.

There is NO NEED to DISASSEMBLE the fitting. You must first strip your PVC jacketing without cutting the armour.

(1) After stripping PVC jacketing to recommended length, simply loosen the compression nut and insert cable

Slide the cable all the way into the fitting until it snaps into the grounding retention ring.

Sizes shown above come with additional grommets to accommodate the cable you may be using.

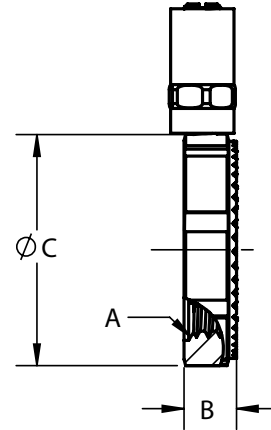
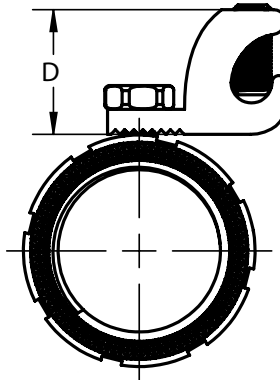




## FITTINGS ST SERIES

### Accessories

#### Steel Locknut with Ground Lug



Locknut with GL Lay-In Lug. Lug can be field moved into 1 of 3 factory drilled threaded holes for easy installation



### FEATURES-SPECIFICATIONS

#### Features

- Unique diamond shaped knurled serrations ensure a tight fit on all metals and finishes, maintaining a watertight seal to eliminate loosening due to vibration
- Solid steel precision machined from solid bar stock, offering double the strength and durability compared to all zinc cast and malleable products
- A machined notch to securely lock your "bump lock" in position
- Flat hex surfaces offer an area to apply a wrench for full torque without causing distortion or cracking
- Lay-in lug can be field relocated to one of three pre-drilled threaded holes for simple installation
- Fully reusable with precision-machined solid steel threads
- Size Range: 1/2" - 4"
- Made in the USA

#### Materials

- Locknut
  - » Solid steel alloy construction zinc plated with chromate finish
- Lug
  - » Aluminum

| Catalogue Number | Trade Size (Inch) | A<br>Internal Thread<br>(Inch) | B Length (Inch) | C Diameter (Inch) | D Lug Height (Inch) | Wire Capacity |
|------------------|-------------------|--------------------------------|-----------------|-------------------|---------------------|---------------|
| LN050GRL         | 1/2               | 1/2"-14 NPS                    | 5/16"           | 1-1/4"            | 3/4"                | #14 - #4      |
| LN075GRL         | 3/4               | 3/4"-14 NPS                    | 5/16"           | 1-1/2"            | 3/4"                | #14 - #4      |
| LN100GRL         | 1                 | 1"-11.5 NPS                    | 7/16"           | 1-13/16"          | 3/4"                | #14 - #4      |
| LN125GRL         | 1-1/4             | 1-1/4"-11.5 NPS                | 7/16"           | 2-1/4"            | 3/4"                | #14 - #4      |
| LN150GRL         | 1-1/2             | 1-1/2"-11.5 NPS                | 7/16"           | 2-3/8"            | 3/4"                | #14 - #4      |
| LN200GRL         | 2                 | 2"-11.5 NPS                    | 7/16"           | 2-7/8"            | 3/4"                | #14 - #4      |
| LN250GRL         | 2-1/2             | 2-1/2"-8 NPS                   | 5/8"            | 3-7/16"           | 3/4"                | #8 - 2/0      |
| LN300GRL         | 3                 | 3"-8 NPS                       | 5/8"            | 4"                | 3/4"                | #8 - 2/0      |
| LN350GRL         | 3-1/2             | 3-1/2"-8 NPS                   | 5/8"            | 4-9/16"           | 3/4"                | #8 - 2/0      |
| LN400GRL         | 4                 | 4"-8 NPS                       | 5/8"            | 5-1/8"            | 3/4"                | #8 - 2/0      |