

# Gold Seal Strain Relief Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Features

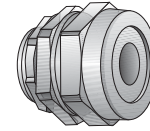
- Tapered threaded male hub NPT.
- Watertight/Oiltight.
- UL Listed NEMA 4 and 6 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).

## Standard Materials

- Malleable iron
- Grommets — PVC

## Standard Finishes

- Zinc plated



Straight Connector  
Type SR-502

## Options

- Mechanical Galvanized. Contact your local representative.

## NEC/CEC Certifications and Compliances

- UL Listed: E-11857
- CSA Certified: 009795

| Cable Range Millimeters<br>(Inches)<br>Dia. Over Jacket |                             |      | Dimensions in Millimeters (Inches) |                |                   |               | Catalog<br>Number |
|---------------------------------------------------------|-----------------------------|------|------------------------------------|----------------|-------------------|---------------|-------------------|
| Hub Size<br>(Inches)                                    | Min.                        | Max. | Throat<br>I.D.                     | Body<br>Length | Thread.<br>Length | Max. Dia.     |                   |
| 1/2                                                     | 2.54 (0.10) - 5.08 (0.20)   |      | 13.21 (0.52)                       | 28.70 (1.13)   | 14.22 (0.56)      | 26.92 (1.06)  | SR-502 ②          |
| 1/2                                                     | 5.08 (0.20) - 7.62 (0.30)   |      | 13.21 (0.52)                       | 28.70 (1.13)   | 14.22 (0.56)      | 26.92 (1.06)  | SR-503 ②          |
| 1/2                                                     | 7.62 (0.30) - 10.16 (0.40)  |      | 13.21 (0.52)                       | 28.70 (1.13)   | 14.22 (0.56)      | 26.92 (1.06)  | SR-504 ②          |
| 1/2                                                     | 10.16 (0.40) - 12.70 (0.50) |      | 15.49 (0.61)                       | 30.23 (1.19)   | 14.22 (0.56)      | 26.92 (1.06)  | SR-505 ②          |
| 1/2                                                     | 12.70 (0.50) - 15.24 (0.60) |      | 15.49 (0.61)                       | 30.23 (1.19)   | 11.18 (0.44)      | 26.92 (1.06)  | SR-506 ②          |
| 1/2                                                     | 15.24 (0.60) - 17.78 (0.70) |      | 15.49 (0.61)                       | 30.23 (1.19)   | 11.18 (0.44)      | 35.05 (1.38)  | SR-507 ①②         |
| 3/4                                                     | 2.54 (0.10) - 5.08 (0.20)   |      | 19.30 (0.76)                       | 30.23 (1.19)   | 11.18 (0.44)      | 35.05 (1.38)  | SR-752            |
| 3/4                                                     | 5.08 (0.20) - 7.62 (0.30)   |      | 19.30 (0.76)                       | 30.23 (1.19)   | 11.18 (0.44)      | 35.05 (1.38)  | SR-753            |
| 3/4                                                     | 7.62 (0.30) - 10.16 (0.40)  |      | 19.30 (0.76)                       | 30.23 (1.19)   | 11.18 (0.44)      | 35.05 (1.38)  | SR-754 ②          |
| 3/4                                                     | 10.16 (0.40) - 12.70 (0.50) |      | 19.30 (0.76)                       | 30.23 (1.19)   | 11.18 (0.44)      | 35.05 (1.38)  | SR-755 ②          |
| 3/4                                                     | 12.70 (0.50) - 15.24 (0.60) |      | 19.30 (0.76)                       | 30.23 (1.19)   | 11.18 (0.44)      | 35.05 (1.38)  | SR-756 ②          |
| 3/4                                                     | 15.24 (0.60) - 17.78 (0.70) |      | 19.30 (0.76)                       | 30.23 (1.19)   | 11.18 (0.44)      | 35.05 (1.38)  | SR-757 ②          |
| 3/4                                                     | 17.78 (0.70) - 20.32 (0.80) |      | 20.32 (0.8)                        | 31.75 (1.25)   | 11.18 (0.44)      | 41.40 (1.63)  | SR-758 ②          |
| 3/4                                                     | 20.32 (0.80) - 22.86 (0.90) |      | 20.32 (0.8)                        | 31.75 (1.25)   | 11.18 (0.44)      | 16.00 (0.63)  | SR-759 ①②         |
| 3/4                                                     | 22.86 (0.90) - 25.40 (1.00) |      | 20.32 (0.8)                        | 31.75 (1.25)   | 11.18 (0.44)      | 41.40 (1.63)  | SR-7510 ①②        |
| 1                                                       | 2.54 (0.10) - 5.08 (0.20)   |      | 24.38 (0.96)                       | 31.75 (1.25)   | 16.00 (0.63)      | 41.40 (1.63)  | SR-1002           |
| 1                                                       | 5.08 (0.20) - 7.62 (0.30)   |      | 24.38 (0.96)                       | 31.75 (1.25)   | 16.00 (0.63)      | 41.40 (1.63)  | SR-1003           |
| 1                                                       | 7.62 (0.30) - 10.16 (0.40)  |      | 24.38 (0.96)                       | 31.75 (1.25)   | 16.00 (0.63)      | 41.40 (1.63)  | SR-1004           |
| 1                                                       | 10.16 (0.40) - 12.70 (0.50) |      | 24.38 (0.96)                       | 31.75 (1.25)   | 16.00 (0.63)      | 41.40 (1.63)  | SR-1005           |
| 1                                                       | 12.70 (0.50) - 15.24 (0.60) |      | 24.38 (0.96)                       | 31.75 (1.25)   | 16.00 (0.63)      | 41.40 (1.63)  | SR-1006 ②         |
| 1                                                       | 15.24 (0.60) - 17.78 (0.70) |      | 24.38 (0.96)                       | 31.75 (1.25)   | 16.00 (0.63)      | 41.40 (1.63)  | SR-1007 ②         |
| 1                                                       | 17.78 (0.70) - 20.32 (0.80) |      | 24.38 (0.96)                       | 31.75 (1.25)   | 16.00 (0.63)      | 41.40 (1.63)  | SR-1008 ②         |
| 1                                                       | 20.32 (0.80) - 22.86 (0.90) |      | 24.38 (0.96)                       | 31.75 (1.25)   | 16.00 (0.63)      | 41.40 (1.63)  | SR-1009 ②         |
| 1.00                                                    | 22.86 (0.90) - 25.40 (1.00) |      | 24.38 (0.96)                       | 31.75 (1.25)   | 16.00 (0.63)      | 41.40 (1.63)  | SR-10010 ①②       |
| 1.00                                                    | 25.40 (1.00) - 30.48 (1.20) |      | 24.38 (0.96)                       | 35.05 (1.38)   | 16.00 (0.63)      | 49.28 (1.94)  | SR-10012 ①②       |
| 1-1/4                                                   | 22.86 (0.90) - 25.40 (1.00) |      | 30.48 (1.20)                       | 35.05 (1.38)   | 16.00 (0.63)      | 52.32 (2.06)  | SR-12510 ②        |
| 1-1/4                                                   | 25.40 (1.00) - 30.48 (1.20) |      | 30.48 (1.20)                       | 35.05 (1.38)   | 16.00 (0.63)      | 52.32 (2.06)  | SR-12512 ②        |
| 1.25                                                    | 30.48 (1.20) - 35.56 (1.40) |      | 30.99 (1.22)                       | 39.62 (1.56)   | 16.00 (0.63)      | 60.45 (2.38)  | SR-12514 ①②       |
| 1 1/2                                                   | 25.40 (1.00) - 30.48 (1.20) |      | 38.10 (1.50)                       | 39.62 (1.56)   | 16.00 (0.63)      | 60.45 (2.38)  | SR-15012 ②        |
| 1 1/2                                                   | 30.48 (1.20) - 35.56 (1.4)  |      | 38.10 (1.50)                       | 39.62 (1.56)   | 16.00 (0.63)      | 60.45 (2.38)  | SR-15014 ②        |
| 1.50                                                    | 35.56 (1.40) - 40.64 (1.60) |      | 39.62 (1.56)                       | 45.97 (1.81)   | 16.00 (0.63)      | 76.20 (3.00)  | SR-15016 ①②       |
| 1.50                                                    | 40.64 (1.60) - 45.72 (1.80) |      | 39.62 (1.56)                       | 45.97 (1.81)   | 16.00 (0.63)      | 76.20 (3.00)  | SR-15018 ①②       |
| 2                                                       | 30.48 (1.20) - 35.56 (1.40) |      | 49.02 (1.93)                       | 52.32 (2.06)   | 16.00 (0.63)      | 76.20 (3.00)  | SR-20014 ②        |
| 2                                                       | 35.56 (1.40) - 40.64 (1.60) |      | 49.02 (1.93)                       | 52.32 (2.06)   | 16.00 (0.63)      | 76.20 (3.00)  | SR-20016 ②        |
| 2                                                       | 40.64 (1.60) - 45.72 (1.80) |      | 49.02 (1.93)                       | 52.32 (2.06)   | 16.00 (0.63)      | 76.20 (3.00)  | SR-20018 ②        |
| 2-1/2                                                   | 38.10 (1.50) - 45.72 (1.80) |      | 61.98 (2.44)                       | 63.50 (2.50)   | 28.70 (1.13)      | 103.12 (4.06) | SR-25018 ②        |
| 2-1/2                                                   | 45.72 (1.80) - 53.34 (2.10) |      | 61.98 (2.44)                       | 63.50 (2.50)   | 28.70 (1.13)      | 103.12 (4.06) | SR-25021 ②        |
| 2-1/2                                                   | 53.34 (2.10) - 60.96 (2.40) |      | 61.98 (2.44)                       | 63.50 (2.50)   | 28.70 (1.13)      | 103.12 (4.06) | SR-25024 ②        |
| 3                                                       | 38.10 (1.50) - 45.72 (1.80) |      | 61.98 (2.44)                       | 63.50 (2.50)   | 28.70 (1.13)      | 103.12 (4.06) | SR-30018 ②        |
| 3                                                       | 45.72 (1.80) - 53.34 (2.10) |      | 61.98 (2.44)                       | 63.50 (2.50)   | 28.70 (1.13)      | 103.12 (4.06) | SR-30021 ②        |
| 3                                                       | 53.34 (2.10) - 60.96 (2.40) |      | 61.98 (2.44)                       | 63.50 (2.50)   | 28.70 (1.13)      | 103.12 (4.06) | SR-30024 ②        |

① Remove enough jacket to get conductors through Throat I.D.

② UL Listed NEMA 4, 6 and 12 when installed into a NPT threaded entry or UL Listed conduit hub.

# Gold Seal Strain Relief Connectors

NEC/CEC:  
Listed for Ordinary Locations

## Features

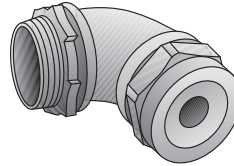
- Tapered threaded male hub NPT.
- Watertight/Oiltight.
- UL Listed NEMA 4 and 6 when installed into a NPT threaded entry or UL Listed conduit hub (sizes 1 1/4" and larger require thread sealant).
- Rated at +90 °C (+194 °F).

## Standard Materials

- Malleable iron
- Grommets — PVC

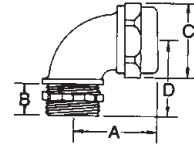
## Standard Finishes

- Zinc plated



90° Connector  
Type SR9-502

## Illustrated Dimensions



## NEC/CEC Certifications and Compliances

- UL Standard: ANSI/UL 514B
- UL Listed: E-11857
- CSA Standard: C22.2 No. 18
- CSA Certified: 009795
- Fed. Spec: Commercial Item Description A-505-52

| Hub Size<br>(Inches) | Cable Range Millimeters<br>(Inches)<br>Dia. Over Jacket |      | Dimensions in Millimeters (Inches) |              |              |              |              | Catalog<br>Number |
|----------------------|---------------------------------------------------------|------|------------------------------------|--------------|--------------|--------------|--------------|-------------------|
|                      | Min.                                                    | Max. | Throat I.D.                        | A            | B            | C            | D            |                   |
| 1/2                  | 2.54 (0.10) - 5.08 (0.20)                               |      | 12.70 (0.50)                       | 35.05 (1.38) | 11.18 (0.44) | 26.92 (1.06) | 26.92 (1.06) | SR9-502 ②         |
| 1/2                  | 5.08 (0.20) - 7.62 (0.30)                               |      | 12.70 (0.50)                       | 35.05 (1.38) | 11.18 (0.44) | 26.92 (1.06) | 26.92 (1.06) | SR9-503 ②         |
| 1/2                  | 7.62 (0.30) - 10.16 (0.40)                              |      | 12.70 (0.50)                       | 35.05 (1.38) | 11.18 (0.44) | 26.92 (1.06) | 26.92 (1.06) | SR9-504 ②         |
| 1/2                  | 11.68 (0.46) - 14.22 (0.56)                             |      | 12.70 (0.50)                       | 35.05 (1.38) | 11.18 (0.44) | 26.92 (1.06) | 26.92 (1.06) | SR9-505 ②         |
| 1/2                  | 12.70 (0.50) - 15.24 (0.60)                             |      | 15.49 (0.61)                       | 38.10 (1.50) | 12.70 (0.50) | 35.05 (1.38) | 30.23 (1.19) | SR9-506 ②         |
| 1/2                  | 15.24 (0.60) - 17.78 (0.70)                             |      | 15.49 (0.61)                       | 38.10 (1.50) | 12.70 (0.50) | 35.05 (1.38) | 30.23 (1.19) | SR9-507 ① ②       |
| 3/4                  | 2.54 (0.10) - 5.08 (0.20)                               |      | 20.32 (0.80)                       | 45.97 (1.81) | 11.18 (0.44) | 35.05 (1.38) | 36.58 (1.44) | SR9-752           |
| 3/4                  | 5.08 (0.20) - 7.62 (0.30)                               |      | 20.32 (0.80)                       | 45.97 (1.81) | 11.18 (0.44) | 35.05 (1.38) | 36.58 (1.44) | SR9-753           |
| 3/4                  | 7.62 (0.30) - 10.16 (0.40)                              |      | 20.32 (0.80)                       | 45.97 (1.81) | 11.18 (0.44) | 35.05 (1.38) | 36.58 (1.44) | SR9-754 ②         |
| 3/4                  | 10.16 (0.40) - 12.7 (0.50)                              |      | 20.32 (0.80)                       | 45.97 (1.81) | 11.18 (0.44) | 35.05 (1.38) | 36.58 (1.44) | SR9-755 ②         |
| 3/4                  | 12.7 (0.50) - 15.24 (0.60)                              |      | 20.32 (0.80)                       | 45.97 (1.81) | 11.18 (0.44) | 35.05 (1.38) | 36.58 (1.44) | SR9-756 ②         |
| 3/4                  | 15.24 (0.60) - 17.78 (0.70)                             |      | 20.32 (0.80)                       | 45.97 (1.81) | 11.18 (0.44) | 35.05 (1.38) | 36.58 (1.44) | SR9-757 ②         |
| 3/4                  | 17.78 (0.70) - 20.32 (0.80)                             |      | 20.83 (0.82)                       | 47.75 (1.88) | 14.22 (0.56) | 41.40 (1.63) | 38.10 (1.50) | SR9-758 ②         |
| 1                    | 2.54 (0.10) - 5.08 (0.20)                               |      | 24.13 (0.95)                       | 50.80 (2.00) | 12.70 (0.50) | 41.40 (1.63) | 39.62 (1.56) | SR9-1002          |
| 1                    | 5.08 (0.20) - 7.62 (0.30)                               |      | 24.13 (0.95)                       | 50.80 (2.00) | 12.70 (0.50) | 41.40 (1.63) | 39.62 (1.56) | SR9-1003          |
| 1                    | 7.62 (0.30) - 10.16 (0.40)                              |      | 24.13 (0.95)                       | 50.80 (2.00) | 12.70 (0.50) | 41.40 (1.63) | 39.62 (1.56) | SR9-1004          |
| 1                    | 10.16 (0.40) - 12.7 (0.50)                              |      | 24.13 (0.95)                       | 50.80 (2.00) | 12.70 (0.50) | 41.40 (1.63) | 39.62 (1.56) | SR9-1005          |
| 1                    | 12.7 (0.50) - 15.24 (0.60)                              |      | 24.13 (0.95)                       | 50.80 (2.00) | 12.70 (0.50) | 41.40 (1.63) | 39.62 (1.56) | SR9-1006 ②        |
| 1                    | 15.24 (0.60) - 17.78 (0.70)                             |      | 24.13 (0.95)                       | 50.80 (2.00) | 12.70 (0.50) | 41.40 (1.63) | 39.62 (1.56) | SR9-1007 ②        |
| 1                    | 17.78 (0.70) - 20.32 (0.80)                             |      | 24.13 (0.95)                       | 50.80 (2.00) | 12.70 (0.50) | 41.40 (1.63) | 39.62 (1.56) | SR9-1008 ②        |
| 1                    | 20.32 (0.80) - 22.86 (0.90)                             |      | 24.13 (0.95)                       | 50.80 (2.00) | 12.70 (0.50) | 41.40 (1.63) | 39.62 (1.56) | SR9-1009 ②        |
| 1                    | 22.86 (0.90) - 25.4 (1.00)                              |      | 24.13 (0.95)                       | 50.80 (2.00) | 12.70 (0.50) | 41.40 (1.63) | 39.62 (1.56) | SR9-10010 ① ②     |
| 1-1/4                | 22.86 (0.90) - 25.4 (1.00)                              |      | 27.94 (1.10)                       | 68.33 (2.69) | 16.00 (0.63) | 49.28 (1.94) | 54.1 (2.13)  | SR9-12510 ②       |
| 1-1/4                | 25.4 (1.00) - 30.48 (1.20)                              |      | 27.94 (1.10)                       | 68.33 (2.69) | 16.00 (0.63) | 49.28 (1.94) | 54.1 (2.13)  | SR9-12512 ① ②     |
| 1-1/2                | 25.4 (1.00) - 30.48 (1.20)                              |      | 35.31 (1.39)                       | 74.68 (2.94) | 16.00 (0.63) | 60.45 (2.38) | 57.15 (2.25) | SR9-15012 ②       |
| 1-1/2                | 30.48 (1.20) - 35.56 (1.40)                             |      | 35.31 (1.39)                       | 74.68 (2.94) | 16.00 (0.63) | 60.45 (2.38) | 57.15 (2.25) | SR9-15014 ① ②     |
| 2                    | 30.48 (1.20) - 35.56 (1.40)                             |      | 44.96 (1.77)                       | 92.20 (3.63) | 17.53 (0.69) | 76.20 (3.00) | 77.72 (3.06) | SR9-20014 ②       |
| 2                    | 35.56 (1.40) - 40.64 (1.60)                             |      | 44.96 (1.77)                       | 92.20 (3.63) | 17.53 (0.69) | 76.20 (3.00) | 77.72 (3.06) | SR9-20016 ②       |
| 2                    | 40.64 (1.60) - 45.72 (1.80)                             |      | 44.96 (1.77)                       | 92.20 (3.63) | 17.53 (0.69) | 76.20 (3.00) | 77.72 (3.06) | SR9-20018 ① ②     |

① Remove enough jacket to get conductors through Throat I.D.

② UL Listed NEMA 4, 6 and 12 when installed into a NPT threaded entry or UL Listed conduit hub.