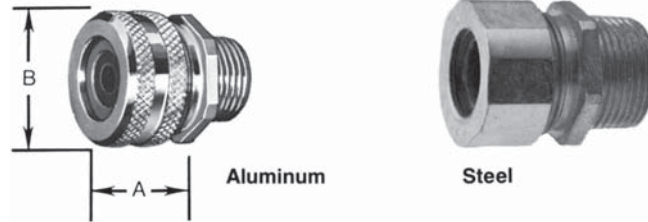


Class I, Div. 2
Class II, Div. 1 and 2
Class III
NEC 501- 4(b), 502- 4(a)(2),
503-3 (a)

Liquidtight Strain Relief Cord and Cable Connectors: Straight

For use in Wet or Dry Locations



For 90° Connectors see page I-2 4

| Straight Connectors | | | | | Straight Connectors | | | | |
|----------------------|-------------|-------------------------|------------------|-------|------------------------------------|-------------|-------------------------|------------------|--------|
| Catalog Numbers | | Cable Range (Inches) | Dimensions (In.) | | Catalog Numbers | | Cable Range (Inches) | Dimensions (In.) | |
| Aluminum | Steel | | A | B | Aluminum | Steel | | A | B |
| 1/4 Inch Hubs | | | | | 1- 1/4 Inch Hubs | | | | |
| CG-0625 | CG-0625S | .060 – .156 | 7/8 | 3/4 | CG-75125 | CG-75125S | .750 – .875 | 1-1/16 | 1-3/4 |
| CG-1525 | CG-1525S | .156 – .250 | 7/8 | 3/4 | CG-87125 | CG-87125S | .875 – 1.000 | 1-1/16 | 1-3/4 |
| 3/8 Inch Hubs | | | | | CG-100125 CG-100125S | | | | |
| CG-1238 | CG-1238S | .125 – .187 | 13/16 | 15/16 | CG-112125 | CG-112125S | 1.000 – 1.125 | 1-1/16 | 2-1/8 |
| CG-1838 | CG-1838S | .187 – .312 | 13/16 | 15/16 | CG-125125* | CG-125125S* | 1.125 – 1.250 | 1-1/16 | 2-1/8 |
| CG-3138 | CG-3138S | .312 – .437 | 13/16 | 15/16 | CG-137125* | CG-137125S* | 1.250 – 1.375 | 1-1/16 | 2-1/8 |
| 1/2 Inch Hubs | | | | | CG-115150 CG-115150S | | | | |
| CG-1250 | CG-1250S | .125 – .187 | 13/16 | 15/16 | CG-128150 | CG-128150S | 1.156 – 1.312 | 1-15/16 | 2-3/16 |
| CG-1850 | CG-1850S | .187 – .312 | 13/16 | 15/16 | CG-153200 CG-153200S | | | | |
| CG-3150 | CG-3150S | .312 – .437 | 13/16 | 15/16 | CG-165200 | — | 1.531 – 1.780 | 2-7/16 | 3 |
| CG-3750 | CG-3750S | .375 – .500 | 13/16 | 1-1/4 | CG-165200 | | | | |
| CG-5050 | CG-5050S | .500 – .625 | 13/16 | 1-1/4 | 2- 1/2 Inch Hubs | | | | |
| CG-6250* | CG-6250S* | .625 – .750 | 13/16 | 1-1/4 | CG-200250 | — | 2.000 – 2.343 | 3-1/16 | 3-7/16 |
| 3/4 Inch Hubs | | | | | CG-225250 | | | | |
| CG-1275 | CG-1275S | .125 – .250 | 7/8 | 1-1/4 | 3 Inch Hubs | | | | |
| CG-2575 | CG-2575S | .250 – .375 | 7/8 | 1-1/4 | CG-250300 | — | 2.500 – 2.843 | 3-1/16 | 4-1/16 |
| CG-3775 | CG-3775S | .375 – .500 | 7/8 | 1-1/4 | CG-268300 | — | 2.687 – 3.062 | 3-1/4 | 4-1/2 |
| CG-5075 | CG-5075S | .500 – .625 | 7/8 | 1-1/4 | 3- 1/2 Inch Hubs | | | | |
| CG-6275 | CG-6275S | .625 – .750 | 7/8 | 1-3/8 | CG-300350 | — | 3.000 – 3.390 | 3-1/4 | 4-3/4 |
| CG-7575* | CG-7575S* | .750 – .875 | 7/8 | 1-3/8 | CG-328350 | — | 3.281 – 3.515 | 3-1/4 | 5 |
| 1 Inch Hubs | | | | | 4 Inch Hubs | | | | |
| CG-37100 | CG-37100S | .375 – .500 | 15/16 | 1-3/8 | CG-350400 | — | 3.500 – 3.843 | 3-1/4 | 5-1/4 |
| CG-50100 | CG-50100S | .500 – .625 | 15/16 | 1-3/8 | CG-375400 | — | 3.750 – 4.000 | 3-1/4 | 5-1/2 |
| CG-62100 | CG-62100S | .625 – .750 | 15/16 | 1-3/8 | | | | | |
| CG-75100 | CG-75100S | .750 – .875 | 15/16 | 1-3/4 | | | | | |
| CG-87100 | CG-87100S | .875 – 1.000 | 15/16 | 1-3/4 | | | | | |
| CG-100100* | CG-100100S* | 1.000 – 1.125 | 15/16 | 1-3/4 | | | | | |

If locknuts are required, use BL type locknuts: Catalog Section CF

* Remove sufficient outer covering of cord or cable to pass conductors through connector body.

For replacement glands for CG and CG90 connectors, see Catalog Section CC, Page 5.

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Class I, Div. 2
 Class II, Div. 1 and 2
 Class III
 NEC 501- 4(b), 502- 4(a)(2),
 503-3 (a)

Liquidtight Strain Relief Cord and Cable Connectors: 90°

For use in Wet or Dry Locations



For Straight Connectors see page I-23

| 90° Connectors | | | | |
|----------------------|-------------|-------------------------|------------------|---------|
| Catalog Numbers | | Cable Range (Inches) | Dimensions (In.) | |
| Aluminum | Steel | | A | B |
| 3/8 Inch Hubs | | | | |
| CG90-1238 | CG90-1238S | .125 – .187 | 1-5/8 | 1-15/16 |
| CG90-1838 | CG90-1838S | .187 – .312 | 1-5/8 | 1-15/16 |
| CG90-3138* | CG90-3138S* | .312 – .437 | 1-5/8 | 1-15/16 |
| 1/2 Inch Hubs | | | | |
| CG90-1250 | CG90-1250S | .125 – .250 | 1-5/8 | 1-1/4 |
| CG90-2550 | CG90-2550S | .250 – .375 | 1-5/8 | 1-1/4 |
| CG90-3750 | CG90-3750S | .375 – .500 | 1-5/8 | 1-1/4 |
| CG90-5050* | CG90-5050S* | .500 – .625 | 1-1/2 | 1-1/4 |
| CG90-6250* | CG90-6250S* | .625 – .750 | 1-1/2 | 1-1/4 |
| 3/4 Inch Hubs | | | | |
| CG90-2575 | CG90-2575S | .250 – .375 | 1-3/4 | 1-3/8 |
| CG90-3775 | CG90-3775S | .375 – .500 | 1-3/4 | 1-3/8 |
| CG90-5075 | CG90-5075S | .500 – .625 | 1-3/4 | 1-3/8 |
| CG90-6275* | CG90-6275S* | .625 – .750 | 1-5/8 | 1-3/8 |
| CG90-7575* | CG90-7575S* | .750 – .875 | 1-5/8 | 1-3/8 |

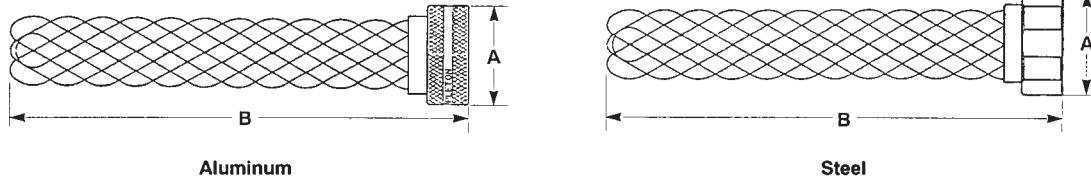
| 90° Connectors | | | | |
|-------------------------|---------------|-------------------------|------------------|-------|
| Catalog Numbers | | Cable Range (Inches) | Dimensions (In.) | |
| Aluminum | Steel | | A | B |
| 1 Inch Hubs | | | | |
| CG90-62100 | CG90-62100S | .625 – .750 | 2-3/16 | 1-3/4 |
| CG90-75100 | CG90-75100S | .750 – .875 | 2-3/16 | 1-3/4 |
| CG90-87100* | CG90-87100S* | .875 – 1.000 | 2-3/16 | 1-3/4 |
| CG90-100100* | CG90-100100S* | 1.000 – 1.125 | 2-3/16 | 1-3/4 |
| 1- 1/4 Inch Hubs | | | | |
| CG90-75125 | CG90-75125S | .750 – .875 | 2-9/16 | 2-1/8 |
| CG90-87125 | CG90-87125S | .875 – 1.000 | 2-9/16 | 2-1/8 |
| CG90-100125 | CG90-100125S | 1.000 – 1.125 | 2-9/16 | 2-1/8 |
| CG90-112125* | CG90-112125S* | 1.125 – 1.250 | 2-7/16 | 2-1/8 |
| CG90-125125* | CG90-125125S* | 1.250 – 1.375 | 2-7/16 | 2-1/8 |
| CG90-137125* | CG90-137125S* | 1.375 – 1.500 | 2-7/16 | 2-1/8 |

If locknuts are required, use BL type locknuts: Section CF

* Remove sufficient outer covering of cord or cable to pass conductors through connector body.

For replacement glands for CG and CG90 connectors, see Catalog Section CC, Page 5.

Wire Mesh Strain Relief for Use with Aluminum and Steel Cord Connectors



| For Aluminum Cord Connectors | | Use | For Steel Cord Connectors | | Use | Dimensions (Inches) | |
|--|-------------|----------------|--|--------------|-----------------|---------------------|----------|
| CG-Straight | CG-90 | Catalog Number | CG-Straight | CG-90 | Catalog Number | A | B |
| For Connectors with 3/8 Inch Hubs | | | For Connectors with 3/8 Inch Hubs | | | | |
| CG-1238 | CG90-1238 | CG-SR1 | CG-1238S | CG90-1238S | CG-SR1S | 15/16 | 3-5/8 |
| CG-1838 | CG90-1838 | CG-SR2 | CG-1838S | CG90-1838S | CG-SR2S | 15/16 | 4-3/8 |
| CG-3138 | CG90-3138 | CG-SR3 | CG-3138S | CG90-3138S | CG-SR3S | 15/16 | 5-1/2 |
| For Connectors with 1/2 Inch Hubs | | | For Connectors with 1/2 Inch Hubs | | | | |
| CG-1250 | — | CG-SR1 | CG-1250S | — | CG-SR1S | 15/16 | 3-5/8 |
| — | CG90-1250 | CG-SR4 | — | CG90-1250S | CG-SR4S | 1-1/4 | 4-3/8 |
| CG-1850 | — | CG-SR2 | CG-1850S | — | CG-SR2S | 15/16 | 4-3/8 |
| — | CG90-2550 | CG-SR5 | — | CG90-2550S | CG-SR5S | 1-1/4 | 5-1/2 |
| CG-3150 | — | CG-SR3 | CG-3150S | — | CG-SR3S | 15/16 | 5-1/2 |
| CG-3750 | CG90-3750 | CG-SR6 | CG-3750S | CG90-3750S | CG-SR6S | 1-1/4 | 6-1/8 |
| CG-5050 | CG90-5050 | CG-SR7 | CG-5050S | CG90-5050S | CG-SR7S | 1-1/4 | 6-7/8 |
| CG-6250 | CG90-6250 | CG-SR8 | CG-6250S | CG90-6250S | CG-SR8S | 1-1/4 | 9-3/8 |
| For Connectors with 3/4 Inch Hubs | | | For Connectors with 3/4 Inch Hubs | | | | |
| CG-1275 | — | CG-SR4 | CG-1275S | — | CG-SR4S | 1-1/4 | 4-3/8 |
| CG-2575 | — | CG-SR5 | CG-2575S | — | CG-SR5S | 1-1/4 | 5-1/2 |
| — | CG90-2575 | CG-SR9 | — | CG90-2575S | CG-SR9S | 1-3/8 | 4-1/8 |
| CG-3775 | — | CG-SR6 | CG-3775S | — | CG-SR6S | 1-1/4 | 6-1/8 |
| — | CG90-3775 | CG-SR10 | — | CG90-3775S | CG-SR10S | 1-3/8 | 5-1/2 |
| CG-5075 | — | CG-SR7 | CG-5075S | — | CG-SR7S | 1-1/4 | 6-7/8 |
| — | CG90-5075 | CG-SR11 | — | CG90-5075S | CG-SR11S | 1-3/8 | 6-3/8 |
| CG-6275 | CG90-6275 | CG-SR12 | CG-6275S | CG90-6275S | CG-SR12S | 1-3/8 | 8-3/8 |
| CG-7575 | CG90-7575 | CG-SR13 | CG-7575S | CG90-7575S | CG-SR13S | 1-3/8 | 9-1/8 |
| For Connectors with 1 Inch Hubs | | | For Connectors with 1 Inch Hubs | | | | |
| CG-37100 | — | CG-SR10 | CG-37100S | — | CG-SR10S | 1-3/8 | 5-1/2 |
| CG-50100 | — | CG-SR11 | CG-50100S | — | CG-SR11S | 1-3/8 | 6-3/8 |
| CG-62100 | — | CG-SR12 | CG-65100S | — | CG-SR12S | 1-3/8 | 8-3/8 |
| — | CG90-62100 | CG-SR14 | — | CG90-62100S | CG-SR14S | 1-3/4 | 9-1/16 |
| CG-75100 | CG90-75100 | CG-SR15 | CG-75100S | CG90-75100S | CG-SR15S | 1-3/4 | 9-1/16 |
| CG-87100 | CG90-87100 | CG-SR16 | CG-87100S | CG90-87100S | CG-SR16S | 1-3/4 | 7-15/16 |
| CG-100100 | CG90-100100 | CG-SR17 | CG-100100S | CG90-100100S | CG-SR17S | 1-3/4 | 7-15/16 |
| For Connectors with 1-1/4 Inch Hubs | | | For Connectors with 1-1/4 Inch Hubs | | | | |
| CG-75125 | — | CG-SR15 | CG-75125S | — | CG-SR15S | 1-3/4 | 9-1/16 |
| — | CG90-75125 | CG-SR18 | — | CG90-75125S | CG-SR18S | 2-1/8 | 8-15/16 |
| CG-87125 | — | CG-SR16 | CG-87125S | — | CG-SR16S | 1-3/4 | 7-15/16 |
| — | CG90-87125 | CG-SR19 | — | CG90-87125S | CG-SR19S | 2-1/8 | 7-15/16 |
| CG-100125 | CG90-100125 | CG-SR20 | CG-100125S | CG90-100125S | CG-SR20S | 2-1/8 | 8-11/16 |
| CG-112125 | CG90-112125 | CG-SR21 | CG-112125S | CG90-112125S | CG-SR21S | 2-1/8 | 9-5/16 |
| CG-125125 | CG90-125125 | CG-SR22 | CG-125125S | CG90-125125S | CG-SR22S | 2-1/8 | 11-9/16 |
| CG-137125 | CG90-137125 | CG-SR23 | CG-137125S | CG90-137125S | CG-SR23S | 2-1/8 | 10-13/16 |