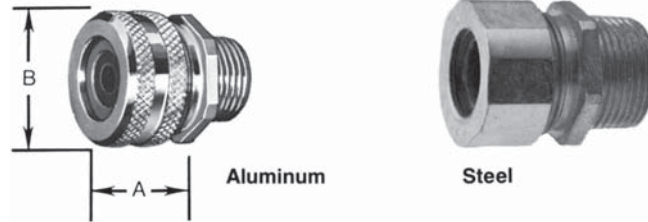


Class I, Div. 2
Class II, Div. 1 and 2
Class III
NEC 501- 4(b), 502- 4(a)(2),
503-3 (a)

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-137125* CG-137125S*				
CG-1250	CG-1250S	.125 – .187	13/16	15/16	1- 1/2 Inch Hubs				
CG-1850	CG-1850S	.187 – .312	13/16	15/16	CG-115150	CG-115150S	1.156 – 1.312	1-15/16	2-3/16
CG-3150	CG-3150S	.312 – .437	13/16	15/16	CG-128150	CG-128150S	1.281 – 1.531	2-5/8	2-9/16
CG-3750	CG-3750S	.375 – .500	13/16	1-1/4	2 Inch Hubs				
CG-5050	CG-5050S	.500 – .625	13/16	1-1/4	CG-153200	CG-153200S	1.531 – 1.780	2-7/16	3
CG-6250*	CG-6250S*	.625 – .750	13/16	1-1/4	CG-165200	—	1.650 – 2.000	2-7/16	3-3/16
3/4 Inch Hubs					2- 1/2 Inch Hubs				
CG-1275	CG-1275S	.125 – .250	7/8	1-1/4	CG-200250	—	2.000 – 2.343	3-1/16	3-7/16
CG-2575	CG-2575S	.250 – .375	7/8	1-1/4	CG-225250	—	2.250 – 2.500	3-1/16	3-11/16
CG-3775	CG-3775S	.375 – .500	7/8	1-1/4	3 Inch Hubs				
CG-5075	CG-5075S	.500 – .625	7/8	1-1/4	CG-250300	—	2.500 – 2.843	3-1/16	4-1/16
CG-6275	CG-6275S	.625 – .750	7/8	1-3/8	CG-268300	—	2.687 – 3.062	3-1/4	4-1/2
CG-7575*	CG-7575S*	.750 – .875	7/8	1-3/8	3- 1/2 Inch Hubs				
1 Inch Hubs					CG-300350	—	3.000 – 3.390	3-1/4	4-3/4
CG-37100	CG-37100S	.375 – .500	15/16	1-3/8	CG-328350	—	3.281 – 3.515	3-1/4	5
CG-50100	CG-50100S	.500 – .625	15/16	1-3/8	4 Inch Hubs				
CG-62100	CG-62100S	.625 – .750	15/16	1-3/8	CG-350400	—	3.500 – 3.843	3-1/4	5-1/4
CG-75100	CG-75100S	.750 – .875	15/16	1-3/4	CG-375400	—	3.750 – 4.000	3-1/4	5-1/2
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.

Effective September, 2005
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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

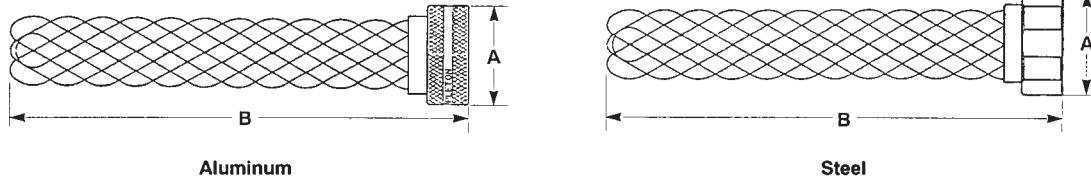
90° Connectors				
Catalog Numbers		Cable Range (Inches)	Dimensions (In.)	
Aluminum	Steel		A	B
1 Inch Hubs				
CG90-62100	CG90-62100S	.625 – .750	2-3/16	1-3/4
CG90-75100	CG90-75100S	.750 – .875	2-3/16	1-3/4
CG90-87100*	CG90-87100S*	.875 – 1.000	2-3/16	1-3/4
CG90-100100*	CG90-100100S*	1.000 – 1.125	2-3/16	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