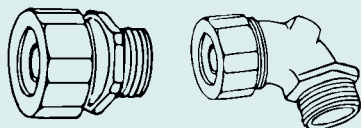


Cable Connectors



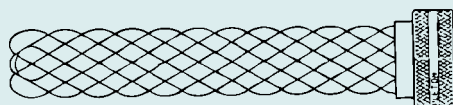
Aluminum

Straight and 90°, Aluminum and Steel
“CG Series” Liquidtight Strain Relief
Cord and Cable Connectors.
Pages 2-4.

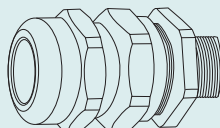


Steel

Replacement Glands for “CG” and “CG 90”.
Page 5.



Wire Mesh Strain Relief for Aluminum and
Steel Cord and Cable Connectors.
Pages 6 and 7.



“TMC & TMCX Series” CableReady®
Connectors. For Jacketed Metal Clad Cable.
Pages 8 and 11.

Aluminum and Steel Liquidtight Strain Relief Cord and Cable Connectors

Application

- Provide a liquidtight and strain relief termination for flexible type neoprene, hypalon, and PVC jacketed power or control cord and cable.
- For use in wet or dry locations sealing electrical connections against dust and dirt, oil, water or other atmosphere containing moisture.

Features

- Available in straight or 90°, aluminum or steel construction to meet the requirements of rugged service on all types of equipment and in all non-hazardous areas.
- Identification label clearly states the catalog number and minimum-maximum cable diameter range for which the connector is designed.
- Neoprene sealing grommet firmly but safely grips cable jacket providing strain relief protecting internal wiring connections against external tension on cable or cord.
- Steel or Teflon* washer reduces friction between grommet and connector cap providing even pressure distribution eliminating leakage resulting from grommet distortion.
- Large aluminum connectors 1-1/2" thru 4" and all steel connectors are constructed with hex head cap as preferred by some industries.
- For particularly harsh applications, wire mesh strain reliefs may be used with cord and cable connectors. (See pages CC-6 and CC-7)

Standard Materials

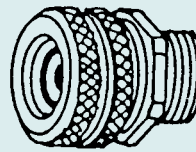
- CG Aluminum connectors consist of aluminum body and cap of copper-free aluminum (4/10 of 1% copper or less). Sealing grommet is neoprene, and washer is steel or Teflon*. 90° connectors have cast aluminum bodies.
- CG Steel connectors sizes 1/4" thru 2" have machined steel body and cap. Sealing grommet is neoprene and washer is steel or Teflon*. 90° connectors have malleable iron bodies.
- CG Wire Mesh Strain Reliefs are available in sizes 3/8" thru 1-1/4". Aluminum cap is copper free. Steel cap is steel, zinc plate. Wire mesh is stainless steel.

Sizes

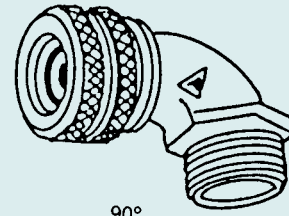
- CG Series in aluminum construction is available in straight type from 1/4" thru 4", 90° type from 3/8" thru 1-1/4".
- CG Series in steel construction is available in straight type from 1/4" thru 2" and 90° type from 3/8" thru 1-1/4".

Note

- For locknuts, see section CF.

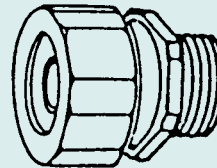


Straight

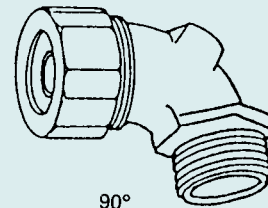


Aluminum

90°



Straight



Steel

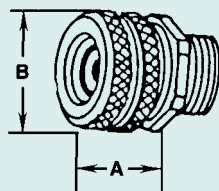
90°

* Teflon is a registered trademark of E.I. DuPont de Nemours and Co.

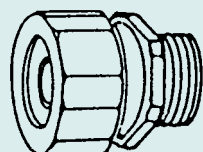
Class I, Div. 2;
Class II, Div. 1 and 2;
Class III;
NEC 501-4(b), 502-4(a)(2), 503-3(a)

Straight Liquidtight Strain Relief Cord and Cable Connectors

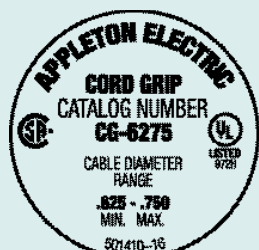
	Catalog No.		Cable Range (In.)	Color-Coded Label	Dimension (In.)		Wt. Lbs. ALU	Per 100 STL	Std. Pkg.
	Aluminum	Steel			A	B			
1/4 Inch Hubs									
	CG-0625+	CG-0625S+	.060— .156	Purple/Pink	7/8	3/4	....	....	25
	CG-1525+	CG-1525S+	.156— .250	Orange/Gray	7/8	3/4	3.7	9.0	25
3/8 Inch Hubs									
	CG-1238	CG-1238S	.125— .187	Red	13/16	15/16	5.6	14.8	25
	CG-1838	CG-1838S	.187— .312	Brown	13/16	15/16	5.0	13.2	25
	CG-3138	CG-3138S	.312— .437	Yellow	13/16	15/16	5.6	14.8	25
1/2 Inch Hubs									
	CG-1250	CG-1250S	.125— .187	Red	13/16	15/16	6.0	15.6	25
	CG-1850	CG-1850S	.187— .312	Brown	13/16	15/16	6.0	15.6	25
	CG-3150	CG-3150S	.312— .437	Yellow	13/16	15/16	6.0	15.6	25
	CG-3750	CG-3750S	.375— .500	Purple	13/16	1-1/4	8.0	20.8	25
	CG-5050	CG-5050S	.500— .625	Pink	13/16	1-1/4	8.0	20.8	25
	CG6250*	CG-6250S*	.625— .750	Orange	13/16	1-1/4	8.0	20.8	25
3/4 Inch Hubs									
	CG-1275	CG-1275S	.125— .250	Blue	7/8	1-1/4	10.0	26.0	25
	CG-2575	CG-2575S	.250— .375	Green	7/8	1-1/4	10.0	26.0	25
	CG-3775	CG-3775S	.375— .500	Purple	7/8	1-1/4	10.0	26.0	25
	CG-5075	CG-5075S	.500— .625	Pink	7/8	1-1/4	10.0	26.0	25
	CG-6275	CG-6275S	.625— .750	Orange	7/8	1-3/8	10.0	26.0	25
	CG-7575*	CG-7575S*	.750— .875	Gray	7/8	1-3/8	10.0	26.0	25
1 Inch Hubs									
	CG-37100	CG-37100S	.375— .500	Purple	15/16	1-3/8	15.0	39.0	10
	CG-50100	CG-50100S	.500— .625	Pink	15/16	1-3/8	15.0	39.0	10
	CG-62100	CG-62100S	.625— .750	Orange	15/16	1-3/8	15.0	39.0	10
	CG-75100	CG-75100S	.750— .875	Gray	15/16	1-3/4	15.0	39.0	10
	CG-87100	CG-87100S	.875—1.000	Red	15/16	1-3/4	15.0	39.0	10
	CG-100100*	CG-100100S*	1.000—1.125	Blue	15/16	1-3/4	15.0	39.0	10
1-1/4 Inch Hubs									
	CG-75125	CG-75125S	.750— .875	Gray	1-1/16	1-3/4	23.0	60.0	10
	CG-87125	CG-87125S	.875—1.000	Red	1-1/16	1-3/4	25.0	65.0	10
	CG-100125	CG-100125S	1.000—1.125	Blue	1-1/16	2-1/8	25.0	65.0	10
	CG-112125	CG-112125S	1.125—1.250	Brown	1-1/16	2-1/8	25.0	65.0	10
	CG-125125*	CG-125125S*	1.250—1.375	Green	1-1/16	2-1/8	22.0	57.0	10
	CG-137125*	CG-137125S*	1.375—1.500	Yellow	1-1/16	2-1/8	20.0	52.0	10
1-1/2 Inch Hubs									
	CG-115150	CG-115150S	1.156—1.312		1-15/16	2-3/16	31.1	92.0	10
	CG-128150++	CG-128150S	1.281—1.531		2-5/8	2-9/16	61.2	160.0	10
2 Inch Hubs									
	CG-153200+	CG-153200S	1.531—1.780		2-7/16	3	95.0	230.0	5
	CG-165200++	....	1.650—2.000		2-7/16	3-3/16	100.0	....	5
2-1/2 Inch Hubs									
	CG-200250++	....	2.000—2.343		3-1/16	3-7/16	141.3	....	5
	CG-225250++	....	2.250—2.500		3-1/16	3-11/16	141.9	....	5
3 Inch Hubs									
	CG-250300++	....	2.500—2.843		3-1/16	4-1/16	196.3	....	5
	CG-268300++	....	2.687—3.062		3-1/4	4-1/2	256.3	....	5
3-1/2 Inch Hubs+									
	CG-300350	....	3.000—3.390		3-1/4	4-3/4	212.5	....	1
	CG-328350	....	3.281—3.515		3-1/4	5	225.0	....	1
4 Inch Hubs+									
	CG-350400	....	3.500—3.843		3-1/4	5-1/4	275.0	....	1
	CG-375400	....	3.750—4.000		3-1/4	5-1/2	293.8	....	1



Aluminum



Steel



Color-coded label

+Not UL Listed

++Not CSA Certified

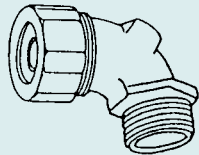
*Remove sufficient outer covering of cord or cable to pass conductors through connector body.

90° Liquidtight Strain Relief Cord and Cable Connectors

Catalog No.		Cable Range (In.)	Color-Coded Label	Dimension (In.)		Wt. Lbs. ALU	Per 100 STL	Std. Pkg.
Aluminum	Steel			A	B			

3/8 Inch Hubs

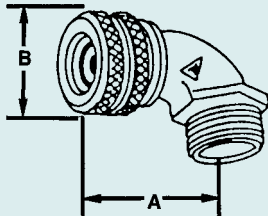
CG90-1238	CG90-1238S	.125— .187	Red	1-5/8	15/16	13.0	34.0	25
CG90-1838	CG90-1838S	.187— .312	Brown	1-5/8	15/16	7.0	18.4	25
CG90-3138*	CG90-3138S*	.312— .437	Yellow	1-5/8	15/16	7.0	18.4	25



Steel

1/2 Inch Hubs

CG90-1250	CG90-1250S	.125— .250	Blue	1-5/8	1-1/4	13.0	34.0	25
CG90-2550	CG90-2550S	.250— .375	Green	1-5/8	1-1/4	13.0	34.0	25
CG90-3750	CG90-3750S	.375— .500	Purple	1-5/8	1-1/4	12.0	31.2	25
CG90-5050*	CG90-5050S*	.500— .625	Pink	1-1/2	1-1/4	10.0	26.0	25
CG90-6250*	CG90-6250S*	.625— .750	Orange	1-1/2	1-1/4	12.0	31.2	25



Aluminum

3/4 Inch Hubs

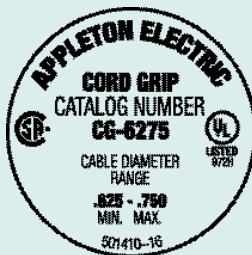
CG90-2575	CG90-2575S	.250— .375	Green	1-3/4	1-3/8	16.0	41.6	25
CG90-3775	CG90-3775S	.375— .500	Purple	1-3/4	1-3/8	16.0	41.6	25
CG90-5075	CG90-5075S	.500— .625	Pink	1-3/4	1-3/8	16.0	41.6	25
CG90-6275*	CG90-6275S*	.625— .750	Orange	1-5/8	1-3/8	16.0	41.6	25
CG90-7575*	CG90-7575S*	.750— .875	Gray	1-5/8	1-3/8	16.0	41.6	25

1 Inch Hubs

CG90-62100	CG90-62100S	.625— .750	Orange	2-3/16	1-3/4	26.0	67.6	10
CG90-75100	CG90-75100S	.750— .875	Gray	2-3/16	1-3/4	40.0	104.0	10
CG90-87100*	CG90-87100S*	.875— 1.000	Red	2-3/16	1-3/4	25.0	65.0	10
CG90-100100*	CG90-100100S*	1.000— 1.125	Blue	2-3/16	1-3/4	26.0	67.6	10

1-1/4 Inch Hubs

CG90-75125	CG90-75125S	.750— .875	Gray	2-9/16	2-1/8	40.0	104.0	10
CG90-87125	CG90-87125S	.875— 1.000	Red	2-9/16	2-1/8	41.0	106.6	10
CG90-100125	CG90-100125S	1.000— 1.125	Blue	2-9/16	2-1/8	39.0	101.4	10
CG90-112125*	CG90-112125S*	1.125— 1.250	Brown	2-7/16	2-1/8	38.0	98.8	10
CG90-125125*	CG90-125125S*	1.250— 1.375	Green	2-7/16	2-1/8	60.0	156.0	5
CG90-137125*	CG90-137125S*	1.375— 1.500	Yellow	2-7/16	2-1/8	35.0	91.0	5



Color-coded label

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

Replacement Neoprene Glands for “CG” and “CG90” Connectors

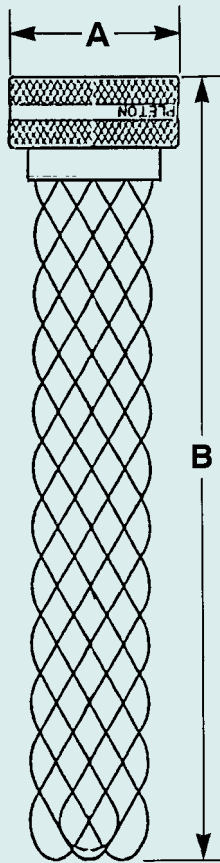
Catalog No.	For Use With Straight Connectors	For Use With 90° Connectors	Cable Range (In.)	Wt. Lbs. Per 100	Ctn. Qty.	Std. Pkg.
For Connectors with 3/8 Inch Hubs						
CGG-221	CG-1238	CG90-1238	.125— .187	2.5	25	100
CGG-222	CG-1838	CG90-1838	.187— .312	1.9	25	100
CGG-223	CG-3138	CG90-3138	.312— .437	1.3	25	100
For Connectors with 1/2 Inch Hubs						
CGG-221	CG-1250	.....	.125— .187	2.5	25	100
CGG-271	.....	CG90-1250	.125— .250	1.9	25	100
CGG-222	CG-1850	.....	.187— .312	1.9	25	100
CGG-272	.....	CG90-2550	.250— .375	1.3	25	100
CGG-223	CG-3150	.....	.312— .437	1.3	25	100
CGG-273	CG-3750	CG90-3750	.375— .500	1.9	25	100
CGG-274	CG-5050	CG90-5050	.500— .625	1.3	25	50
CGG-275	CG-6250	CG90-6250	.625— .750	1.0	25	50
For Connectors with 3/4 Inch Hubs						
CGG-271	CG-1275	.....	.125— .250	1.9	25	100
CGG-272	CG-2575	.....	.250— .375	1.3	25	100
CGG-325	.....	CG90-2575	.250— .375	1.3	25	100
CGG-273	CG-3775	.....	.375— .500	1.9	25	100
CGG-321	.....	CG90-3775	.375— .500	1.9	25	50
CGG-274	CG-5075	.....	.500— .625	1.3	25	50
CGG-322	.....	CG90-5075	.500— .625	1.3	25	50
CGG-323	CG-6275	CG90-6275	.625— .750	1.0	25	50
CGG-324	CG-7575	CG90-7575	.750— .875	1.0	—	25
For Connectors with 1 Inch Hubs						
CGG-321	CG-37100	.....	.375— .500	1.9	25	50
CGG-322	CG-50100	.....	.500— .625	1.3	25	50
CGG-323	CG-62100	.....	.625— .750	1.0	25	50
CGG-374	.....	CG90-62100	.625— .750	1.0	25	50
CGG-371	CG-75100	CG90-75100	.750— .875	2.9	—	25
CGG-372	CG-87100	CG90-87100	.875—1.000	2.5	—	25
CGG-373	CG-100100	CG90-100100	1.000—1.125	2.2	—	25
For Connectors with 1-1/4 Inch Hubs						
CGG-371	CG-75125	.....	.750— .875	2.9	—	25
CGG-425	.....	CG90-75125	.750— .875	2.9	—	25
CGG-372	CG-87125	.....	.875—1.000	2.5	—	25
CGG-426	.....	CG90-87125	.875—1.000	2.5	—	25
CGG-421	CG-100125	CG90-100125	1.000—1.125	2.2	—	25
CGG-422	CG-112125	CG90-112125	1.125—1.250	1.9	—	25
CGG-423	CG-125125	CG90-125125	1.250—1.375	1.6	—	25
CGG-424	CG-137125	CG90-137125	1.375—1.500	1.3	—	25



Steel Backed Neoprene Sealing Gaskets—Catalog Section ST

Steel Gasketed Sealing Locknuts—Catalog Section CF-2

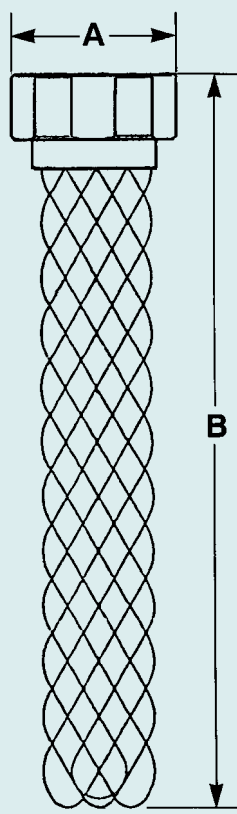
Wire Mesh Strain Relief for Aluminum Cord Connectors



For Aluminum Cord Connectors		Use Catalog Number	Dimensions (In.)		Wt. Lbs. Per 100	Ctn. Qty.	Std. Pkg.
CG-Straight	CG-90°		A	B			
For Connectors with 3/8 Inch Hubs							
CG-1238	CG90-1238	CG-SR1	15/16	3-5/8	5.4	5	25
CG-1838	CG90-1838	CG-SR2	15/16	4-3/8	5.4	5	25
CG-3138	CG90-3138	CG-SR3	15/16	5-1/2	5.4	5	25
For Connectors with 1/2 Inch Hubs							
CG-1250	.....	CG-SR1	15/16	3-5/8	11.7	5	25
.....	CG90-1250	CG-SR4	1-1/4	4-3/8	11.7	5	25
CG-1850	.....	CG-SR2	15/16	4-3/8	11.7	5	25
.....	CG90-2550	CG-SR5	1-1/4	5-1/2	11.7	5	25
CG-3150	.....	CG-SR3	15/16	5-1/2	11.7	5	25
CG-3750	CG90-3750	CG-SR6	1-1/4	6-1/8	11.7	5	25
CG-5050	CG90-5050	CG-SR7	1-1/4	6-7/8	11.7	5	25
CG-6250	CG90-6250	CG-SR8	1-1/4	9-3/8	11.7	5	25
For Connectors with 3/4 Inch Hubs							
CG-1275	.....	CG-SR4	1-1/4	4-3/8	16.1	5	25
CG-2575	.....	CG-SR5	1-1/4	5-1/2	16.1	5	25
.....	CG90-2575	CG-SR9	1-3/8	4-1/8	16.1	5	25
CG-3775	.....	CG-SR6	1-1/4	6-1/8	16.1	5	25
.....	CG90-3775	CG-SR10	1-3/8	5-1/2	16.1	5	25
CG-5075	.....	CG-SR7	1-1/4	6-7/8	16.1	5	25
.....	CG90-5075	CG-SR11	1-3/8	6-3/8	16.1	5	25
CG-6275	CG90-6275	CG-SR12	1-3/8	8-3/8	16.1	5	25
CG-7575	CG90-7575	CG-SR13	1-3/8	9-1/8	16.1	2	10
For Connectors with 1 Inch Hubs							
CG-37100	.....	CG-SR10	1-3/8	5-1/2	18.7	5	25
CG-50100	.....	CG-SR11	1-3/8	6-3/8	18.7	5	25
CG-62100	.....	CG-SR12	1-3/8	8-3/8	18.7	5	25
.....	CG90-62100	CG-SR14	1-3/4	9-1/16	18.7	2	10
CG-75100	CG90-75100	CG-SR15	1-3/4	9-1/16	18.7	2	10
CG-87100	CG90-87100	CG-SR16	1-3/4	7-15/16	18.7	2	10
CG-100100	CG90-100100	CG-SR17	1-3/4	7-15/16	18.7	2	10
For Connectors with 1-1/4 Inch Hubs							
CG-75125	.....	CG-SR15	1-3/4	9-1/16	21.4	2	10
.....	CG90-75125	CG-SR18	2-1/8	8-15/16	21.4	2	10
CG-87125	.....	CG-SR16	1-3/4	7-15/16	21.4	2	10
.....	CG90-87125	CG-SR19	2-1/8	7-15/16	21.4	2	10
CG-100125	CG90-100125	CG-SR20	2-1/8	8-11/16	21.4	2	10
CG-112125	CG90-112125	CG-SR21	2-1/8	9-5/16	21.4	2	10
CG-125125	CG90-125125	CG-SR22	2-1/8	11-9/16	21.4	2	10
CG-137125	CG90-137125	CG-SR23	2-1/8	10-13/16	21.4	2	10

Wire Mesh Strain Relief for Steel Cord Connectors

For Steel Cord Connectors		Use Catalog Number	Dimensions (In.)		Wt. Lbs. Per 100	Ctn. Qty.	Std. Pkg.
CG-Straight	CG-90°		A	B			
For Connectors with 3/8 Inch Hubs							
CG-1238S	CG90-1238S	CG-SR1S	15/16	3-5/8	5.4	5	25
CG-1838S	CG90-1838S	CG-SR2S	15/16	4-3/8	5.4	5	25
CG-3138S	CG90-3138S	CG-SR3S	15/16	5-1/2	5.4	5	25
For Connectors with 1/2 Inch Hubs							
CG-1250S	.....	CG-SR1S	15/16	3-5/8	11.7	5	25
.....	CG90-1250S	CG-SR4S	1-1/4	4-3/8	11.7	5	25
CG-1850S	.....	CG-SR2S	15/16	4-3/8	11.7	5	25
.....	CG90-2550S	CG-SR5S	1-1/4	5-1/2	11.7	5	25
CG-3150S	.....	CG-SR3S	15/16	5-1/2	11.7	5	25
CG-3750S	CG90-3750S	CG-SR6S	1-1/4	6-1/8	11.7	5	25
CG-5050S	CG90-5050S	CG-SR7S	1-1/4	6-7/8	11.7	5	25
CG-6250S	CG90-6250S	CG-SR8S	1-1/4	9-3/8	11.7	5	25
For Connectors with 3/4 Inch Hubs							
CG-1275S	.....	CG-SR4S	1-1/4	4-3/8	16.1	5	25
CG-2575S	.....	CG-SR5S	1-1/4	5-1/2	16.1	5	25
.....	CG90-2575S	CG-SR9S	1-3/8	4-1/8	16.1	5	25
CG-3775S	.....	CG-SR6S	1-1/4	6-1/8	16.1	5	25
.....	CG90-3775S	CG-SR10S	1-3/8	5-1/2	16.1	5	25
CG-5075S	.....	CG-SR7S	1-1/4	6-7/8	16.1	5	25
.....	CG90-5075S	CG-SR11S	1-3/8	6-3/8	16.1	5	25
CG-6275S	CG90-6275S	CG-SR12S	1-3/8	8-3/8	16.1	5	25
CG-7575S	CG90-7575S	CG-SR13S	1-3/8	9-1/8	16.1	2	10
For Connectors with 1 Inch Hubs							
CG-37100S	.....	CG-SR10S	1-3/8	5-1/2	18.7	5	25
CG-50100S	.....	CG-SR11S	1-3/8	6-3/8	18.7	5	25
CG-62100S	.....	CG-SR12S	1-3/8	8-3/8	18.7	5	25
.....	CG90-62100S	CG-SR14S	1-3/4	9-1/16	18.7	2	10
CG-75100S	CG90-75100S	CG-SR15S	1-3/4	9-1/16	18.7	2	10
CG-87100S	CG90-87100S	CG-SR16S	1-3/4	7-15/16	18.7	2	10
CG-100100S	CG90-100100S	CG-SR17S	1-3/4	7-15/16	18.7	2	10
For Connectors with 1-1/4 Inch Hubs							
CG-75125S	.....	CG-SR15S	1-3/4	9-1/16	21.4	2	10
.....	CG90-75125S	CG-SR18S	2-1/8	8-15/16	21.4	2	10
CG-87125S	.....	CG-SR16S	1-3/4	7-15/16	21.4	2	10
.....	CG90-87125S	CG-SR19S	2-1/8	7-15/16	21.4	2	10
CG-100125S	CG90-100125S	CG-SR20S	2-1/8	8-11/16	21.4	2	10
CG-112125S	CG90-112125S	CG-SR21S	2-1/8	9-5/16	21.4	2	10
CG-125125S	CG90-125125S	CG-SR22S	2-1/8	11-9/16	21.4	2	10
CG-137125S	CG90-137125S	CG-SR23S	2-1/8	10-13/16	21.4	2	10



TMC Connectors For Jacketed and Non-Jacketed Metal Clad Cable

Applications

- TMC connectors are designed for use with the following cables: MC/MCHL – Corrugated Interlocked Aluminium/Steel Armor and Continuously Welded Armor Cables, e.g. TECK or CLX.
- TMC connectors provide a means for terminating jacketed type MC cable, forming a mechanical watertight connection and providing ground continuity for cable armor.
- For Class I hazardous locations – See TMCX.
- Watertight-NEMA Type 4.

Features

- Integral 'O' ring face seal providing – 4X & IP66
- Independent sealing and armor clamping
- True 360° grounding
- Superior pull out prevention
- Compact slim profile
- Reduced installation time (no disassembly required)

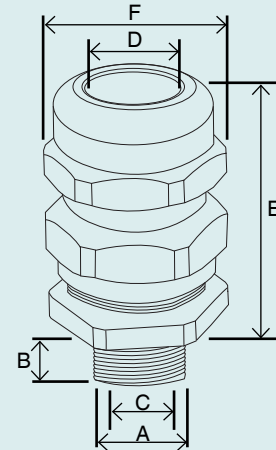
- Widest Cable acceptance Range
- Re-usable design
- Additional Integral Deluge proof seal for protection in extreme offshore and onshore environments
- Metric option available

Standard Materials

- Bodies, Sleeve and gland nut are copper-free aluminum, nickel plated brass, stainless steel.
- Grounding spring is stainless steel.
- Bushing is LSF-TPE (halogen-free).
- Stop and slip washers are nylon.
- O-ring is Viton.

Size Ranges

- Trade sizes 1/2" thru 4".
- Cable Jacket Diameter Range: 0.354" thru 4.220".
- Cable Armor Diameter Range: 0.342" thru 4.020".



Compliances

- UL Standard 514B, 886
- CSA Standard C22.2 No 18, 174
- IEC60079
- UL Listing File: E323519 (1/2" - 3-1/2")
- UL Listing File: E81737 (4")
- CSA Certificate No: 1129339
- NEMA 3, 4 & 4X and IP66

(1) Where explosion proof enclosures are being used the TMC must be installed in conjunction with an approved pouring or compound sealing fitting. In Division 2 areas the TMC can be fitted directly to an enclosure which has no source of ignition in accordance with NEC/CEC requirements.

Order Reference			Entry Thread 'A'	Min Thread Length 'B'	Cable Armor Diameter 'C'				Cable Jacket Diameter 'D'		Nominal Assembly Length 'E'	Envelope Diameter 'F'
					End Stop in		End Stop out		Min	Max		
Aluminum	NP Brass	Stainless Steel *	NPT		Min	Max	Min	Max	Min	Max		
TMC050SA	TMC050SNB	TMC050SSS	1/2"	0.59	-	-	0.342	0.503	0.354	0.547	2.20	1.31
TMC050A	TMC050NB	TMC050SS	1/2"	0.59	-	-	0.510	0.669	0.550	0.787	2.20	1.57
TMC050LA TMC075A	- TMC075NB	- TMC075SS	1/2" 3/4"	0.59 0.59	0.591	0.756	0.756	0.917	0.669	1.035	2.20	1.79
TMC075LA TMC100A	- TMC100NB	- TMC100SS	3/4" 1"	0.63 0.63	0.825	0.969	0.969	1.150	0.910	1.268	2.24	2.18
TMC100LA TMC125A	- TMC125NB	- TMC125SS	1" 1-1/4"	0.63 0.63	1.083	1.228	1.228	1.386	1.161	1.504	2.24	2.40
TMC125LA TMC150A	- TMC150NB	- TMC150SS	1-1/4" 1-1/2"	0.63 0.63	1.320	1.461	1.461	1.618	1.402	1.736	2.37	2.62
TMC150LA TMC200SA	- TMC200SNB	- TMC200SSS	1-1/2" 2"	0.63 0.63	1.508	1.677	1.677	1.854	1.579	2.008	2.58	3.06
TMC150XLA TMC200A	- TMC200NB	- TMC200SS	1-1/2" 2"	0.63 0.63	1.772	1.933	1.933	2.087	1.858	2.205	2.49	3.28
TMC200LA TMC250SA	- TMC250SNB	- TMC250SSS	2" 2-1/2"	0.90 0.90	2.052	2.161	2.161	2.320	2.079	2.441	2.50	3.49
TMC200XLA TMC250A	- TMC250NB	- TMC250SS	2" 2-1/2"	0.90 0.90	2.247	2.406	2.406	2.545	2.327	2.677	2.52	3.71
TMC300A	TMC300NB	TMC300SS	3"	0.98	2.543	2.776	2.776	2.965	2.622	3.126	3.57	4.80
TMC350A	TMC350NB	TMC350SS	3-1/2"	1.437	2.913	3.291	3.291	3.485	2.992	3.827	4.61	5.82
TMC402400	-	-	4"	1.437	-	-	3.500	4.020	3.700	4.220	7.66	5.84

* Stainless Steel is priced by quote only. Contact your factory representative for assistance.

Class I, Div. 1 and 2, Groups A,B,C,D
 Class I, Zone 1, AExd IIC
 Class II, Div. 1 and 2
 Groups E,F,G
 Class III
 NEMA 4X, IP66



TMCX Connectors For Jacketed and Non-Jacketed Metal Clad Cable: Explosionproof, Dust-Ignitionproof

TMCX For Hazardous Locations

Applications

- TMCX connectors are designed for use with the following cables: MC/MCHL – Corrugated/ Interlocked Aluminium/Steel Armor and Continuously Welded Armor Cables, e.g. TECK or CLX
- TMCX connectors provide a means for terminating jacketed type MC cable, forming a mechanical watertight connection and providing ground continuity for cable armor.
- For use on horizontal or vertical runs.
- For use in Class I, Div. 1 & 2 and Class II, Div. 1 & 2 hazardous locations.
- For non-hazardous locations –Use TMC.

Features

- Independent sealing and armor clamping
- True 360° grounding
- Superior pull out prevention

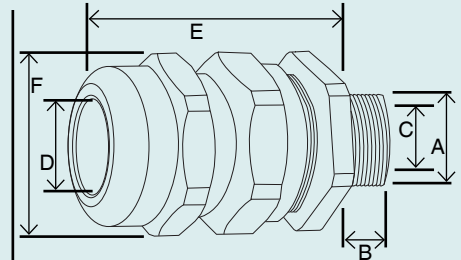
- Compact slim profile
- Reduced installation time
- Widest cable acceptance range
- Supplied complete with epoxy sealing compound
- Disconnectable design
- Additional Integral Deluge proof seal for protection in extreme offshore and onshore environments

Standard Materials

- Bodies, Sleeve and gland nut are copper-free aluminum, nickel plated brass, stainless steel.
- Grounding spring is stainless steel.
- Bushing is LSF-TPE (halogen-free).
- Stop and slip washers are nylon.
- O-ring is Viton.

Size Ranges

- Trade sizes 1/2" thru 4".
- Cable Jacket Diameter Range: 0.345" thru 4.220".



- Cable Armor Diameter Range: 0.342" thru 4.020".

Compliances

- UL Standard 514B, 886, 2225, 2279
- CSA Standard C22.2 No 18, 174 & IEC 60079
- UL Listing File: E83827
- CSA Certificate No: 1129339
- NEMA 3, 4, 4X & IP66



Order Reference			Entry Thread 'A'		Min Thread Length 'B'	Cable Armor Diameter 'C'				Cable Jacket Diameter 'D'		Nominal Assembly Length 'E'	Envelope Diameter 'F'	Compound Weight in OZs
						End Stop in		End Stop out						
Aluminum	NP Brass	Stainless Steel *	NPT	Metric		Min	Max	Min	Max	Min	Max			
TMCX050SA	TMCX050SNB	TMCX050SSS	1/2"	M20	0.59	-	-	0.342	0.503	0.354	0.547	2.20	1.31	1/2
TMCX050A	TMCX050NB	TMCX050SS	1/2"	M20	0.59	-	-	0.510	0.669	0.550	0.787	2.20	1.57	1/2
TMCX075A	TMCX075NB	TMCX075SS	3/4"	M25	0.59	0.591	0.756	0.756	0.917	0.669	1.035	2.20	1.79	1/2
TMCX100A	TMCX100NB	TMCX100SS	1"	M32	0.63	0.825	0.969	0.969	1.150	0.910	1.268	2.24	2.18	1-1/4
TMCX125A	TMCX125NB	TMCX125SS	1-1/4"	M40	0.63	1.083	1.228	1.228	1.386	1.161	1.504	2.24	2.40	1-1/4
TMCX150A	TMCX150NB	TMCX150SS	1-1/2"	M50	0.63	1.320	1.461	1.461	1.618	1.402	1.736	2.37	2.62	2
TMCX200SA	TMCX200SNB	TMCX200SSS	2"	M50	0.63	1.508	1.677	1.677	1.854	1.579	2.008	2.60	3.06	3
TMCX200A	TMCX200NB	TMCX200SS	2"	M63	0.63	1.772	1.933	1.933	2.087	1.858	2.205	2.81	3.28	4-3/4
TMCX250SA	TMCX250SNB	TMCX250SSS	2-1/2"	M63	0.90	2.052	2.161	2.161	2.320	2.079	2.441	2.88	3.49	9-1/2
TMCX250A	TMCX250NB	TMCX250SS	2-1/2"	M75	0.90	2.247	2.406	2.406	2.545	2.327	2.677	2.88	3.71	9-1/2
TMCX300A	TMCX300NB	TMCX300SS	3"	M90	0.98	2.543	2.776	2.776	2.965	2.622	3.126	3.92	4.80	12-1/2
TMCX350A	TMCX350NB	TMCX350SS	3-1/2"	M100	1.437	2.913	3.291	3.291	3.485	2.992	3.827	4.61	5.82	19
TMCX402400	-	-	4"	M110	1.437	-	-	3.500	4.020	3.700	4.220	7.66	5.84	19

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TMCX Epoxy Sealing Compound

Gland Size	Compound Supplied	Replacement Compound
1/2"	15 GRAM	LTCOMP15
3/4"	35 GRAM	LTCOMP35
1"	35 GRAM	LTCOMP35
1-1/4"	55 GRAM	LTCOMP55
1-1/2"	90 GRAM	LTCOMP90
2"S	90 GRAM	LTCOMP90

Gland Size	Compound Supplied	Replacement Compound
2"	135 GRAM	LTCOMP135
2-1/2"S	270 GRAM	LTCOMP270
2-1/2"	270 GRAM	LTCOMP270
3"	405 GRAM	1 EA. LTCOMP135 & LTCOMP270
3-1/2" & 4"	540 GRAM	2 EA. LTCOMP270

