

Hazardous area cable glands
Terminator™ II TMCX

CROUSE-HINDS
SERIES

Terminator II TMCX cable glands

For use with metal-clad, TECK, unarmoured and tray cable



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A photograph of an industrial facility, likely a refinery or chemical plant. The scene is dominated by large, complex piping systems. A prominent feature is a large, horizontal pipe that curves downwards and then back up, supported by a metal framework. To the right, another large pipe extends horizontally across the frame. In the background, there are several large, cylindrical tanks or distillation columns, some with scaffolding around them. The sky is a clear, pale blue. The overall impression is one of a busy, large-scale industrial operation.

Terminator™ II TMCX

barrier glands for terminating cable
in hazardous locations



Easy to prepare and install

Full range of sizes
for any application



Features and specifications

The Terminator™ II TMCX Cable Gland is an armoured barrier, non-armoured barrier and TECK armoured gland used to terminate cable in hazardous locations. Its unique design features, coupled with our new fast curing Chico® LiquidSeal compound, make the Terminator™ II TMCX Cable Gland the easiest and safest solution available.

Cable types:

- Metal-clad and TECK (interlocked and continuously welded corrugated armoured) cable
- Unarmoured and tray cable – TC, TC-ER (HL)

Certifications and compliances:

- Class I, Division 1, Groups A, B, C, D
- Class II, Groups E, F, G
- Class III
- Class I, Zone 1, Group IIC
- NEMA 6P (½" to 1-¼" size 1)
- NEMA 4 (1-¼" size 2 to 4")
- UL/cULus Listed - File No. E122485

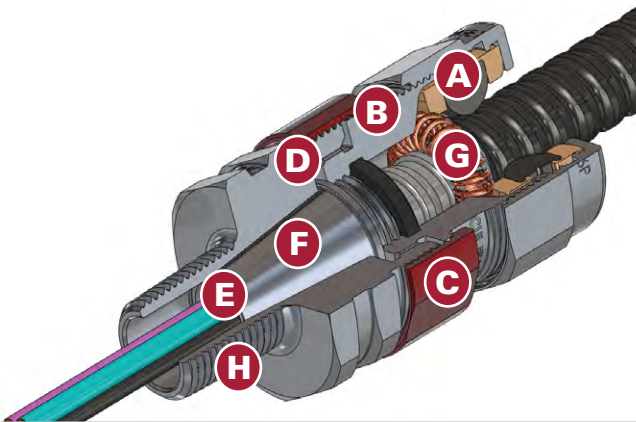
Features and benefits:

- Designed to minimize the opportunity for incorrect assembly
- Simple selection process and field preparation aids to ensure the right gland is selected every time
- Full coverage of all popular cables and hub sizes, ensuring a perfect seal in all instances
- Use of nickel-plated brass and stainless steel to increase corrosion resistance and maintain integrity in the harshest environments
- Chico® LiquidSeal, an innovative liquid compound with fast gel and cure times, reduces waiting times
- Complete with integral dam to facilitate liquid pour
- Integral union design reduces the number of times the gland has to be assembled and disassembled during installation
- Mating components have generous lead-ins to ensure that assembly is as trouble-free as possible, even with the heaviest cables
- Use of neoprene seal allows use in temperatures from -40°C to +60°C; for specific temperature information, please contact your local sales representative
- Metric size threads allow interfacing to European machinery



Design features:

- Ⓐ Captive sealing and back nut – the use of retaining rings with snap-in features enables the TMCX to retain all of the components in the entry end of the gland.
- Ⓑ Integral union – the design allows for a two-piece assembly gland, minimizing tightening and loosening of nuts.
- Ⓒ Red anodized nut – this hard-wearing, permanent, consistent coating is standard on all units.
- Ⓓ Anti-rotation feature – for single tool assembly; the splined shaft ensures that the two assemblies lock together and do not rotate during assembly.
- Ⓔ Barrier compounds – Chico® LiquidSeal or standard TSC epoxy compound options allow for rapid curing and assembly in any orientation.
- Ⓕ Conical compound chamber – ensures that double the misalignment can be accepted without the risk of binding.
- Ⓖ Captive garter spring – copper flashed stainless steel ensures good connectivity, strength and corrosion resistance.
- Ⓗ NPT and ISO threads – entire range of cable glands are available with either NPT or metric threads in all materials.



Multiple cable ranges per hub size for simplified selection

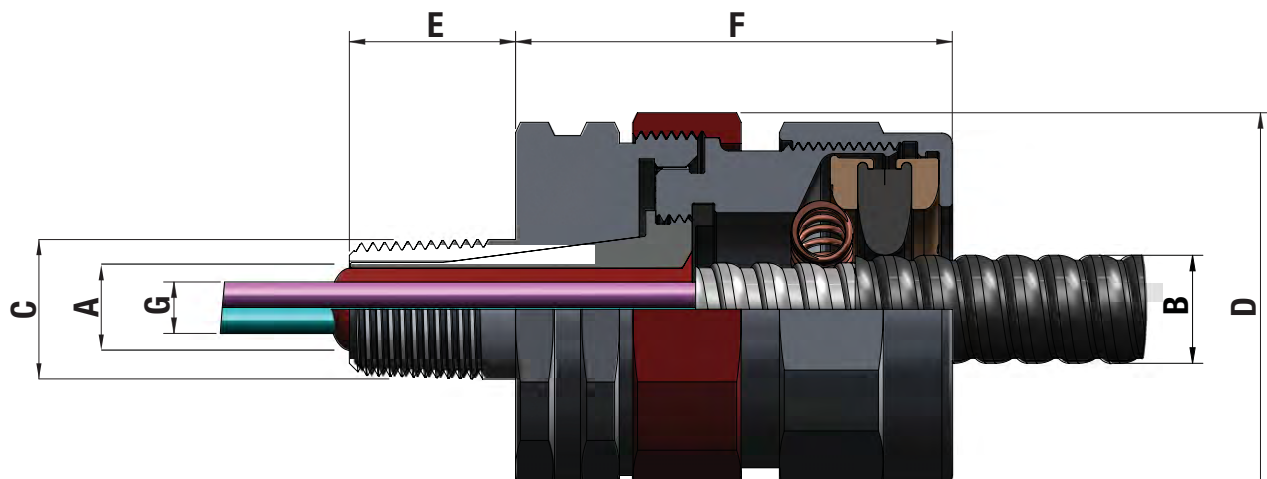
Selection table:

Entry thread 'C'	NPT catalog no.	Entry thread 'C' (metric option)	Metric catalog no.	Over cond. O.D. max. inches†	'A' armour O.D.		'B' cable O.D.‡		Across corners 'D'	Thread length NPT 'E' (metric mm.)	Length 'F'
					Min.	Max.	Min.	Max.			
½"	TMCX050 0	M20	TMCXM20 0	0.480	0.36 (9.14)	0.66 (16.76)	0.45 (11.43) ‡	0.70 (17.78)	1.44 (36.51)	0.89 (22.61)	2.93 (74.42)
½"	TMCX050 1	M20	TMCXM20 1	0.480	0.40 (10.16)	0.86 (21.84)	0.49 (12.45)	0.90 (22.86)	1.75 (44.45)	1.00 (25.40)	3.05 (77.47)
½"	TMCX050 2	M20	TMCXM20 2	0.480	0.56 (14.22)	1.14 (28.96)	0.65 (16.51)	1.18 (29.97)	2.25 (57.15)	1.00 (25.40)	3.18 (80.77)
¾"	TMCX075 0	M25	TMCXM25 0	0.713	0.36 (9.14)	0.66 (16.76)	0.45 (11.43) ‡	0.70 (17.78)	1.63 (41.28)	0.90 (22.86)	2.93 (74.42)
¾"	TMCX075 1	M25	TMCXM25 1	0.713	0.40 (10.16)	0.86 (21.84)	0.49 (12.45)	0.90 (22.86)	1.75 (44.45)	1.00 (25.40)	3.05 (77.47)
¾"	TMCX075 2	M25	TMCXM25 2	0.713	0.56 (14.22)	1.14 (28.96)	0.65 (16.51)	1.18 (29.97)	2.25 (57.15)	1.00 (25.40)	3.18 (80.77)
1"	TMCX100 0	M32	TMCXM32 0	0.713	0.40 (10.16)	0.86 (21.84)	0.49 (12.45) ‡	0.90 (22.86)	1.75 (44.45)	1.08 (27.40)	3.13 (79.50)
1"	TMCX100 1	M32	TMCXM32 1	0.939	0.56 (14.22)	1.14 (28.96)	0.65 (16.51)	1.18 (29.97)	2.25 (57.15)	1.08 (27.40)	3.18 (80.77)
1"	TMCX100 2	M32	TMCXM32 2	0.939	0.78 (19.81)	1.35 (34.29)	0.87 (22.10)	1.39 (35.31)	2.56 (65.02)	1.08 (27.40)	3.30 (83.82)
1-¼"	TMCX125 1	M40	TMCXM40 1	1.172	0.78 (19.81)	1.35 (34.29)	0.87 (22.10)	1.39 (35.31)	2.56 (65.02)	1.08 (27.40)	3.30 (83.82)
1-¼"	TMCX125 2	M40	TMCXM40 2	1.150	0.94 (23.87)	1.67 (42.41)	1.03 (26.16)	1.65 (41.91)	3.73 (94.74)	1.25 (31.75)	4.71 (119.63)
1-½"	TMCX150 1	M50	TMCXM50 1	1.370	0.94 (23.87)	1.67 (42.41)	1.03 (26.16)	1.65 (41.91)	3.73 (94.74)	1.25 (31.75)	4.71 (119.63)
1-½"	TMCX150 2	M50	TMCXM50 2	1.370	1.28 (32.51)	1.97 (50.03)	1.53 (38.86)	2.07 (52.58)	4.11 (104.39)	1.25 (31.75)	4.71 (119.63)
2"	TMCX200 1	M63	TMCXM63 1	1.760	1.28 (32.51)	1.97 (50.03)	1.53 (38.86)	2.07 (52.58)	4.11 (104.39)	1.25 (31.75)	4.71 (119.63)
2"	TMCX200 2	M63	TMCXM63 2	1.760	1.67 (42.41)	2.62 (66.54)	1.81 (45.97)	2.72 (69.09)	4.98 (126.49)	1.25 (31.75)	5.63 (143.00)
2-½"	TMCX250 1	M75	TMCXM75 1	2.140	1.67 (42.41)	2.62 (66.54)	1.81 (45.97)	2.72 (69.09)	4.98 (126.49)	1.81 (45.97)	5.63 (143.00)
2-½"	TMCX250 2	M75	TMCXM75 2	2.140	2.11 (53.59)	2.95 (74.93)	2.34 (59.44)	3.13 (79.50)	5.61 (142.49)	1.81 (45.97)	5.80 (147.32)
3"	TMCX300 1	M90	TMCXM90 1	2.690	2.11 (53.59)	2.95 (74.93)	2.34 (59.44)	3.13 (79.50)	5.61 (142.49)	1.81 (45.97)	5.80 (147.32)
3"	TMCX300 2	M90	TMCXM90 2	2.690	2.45 (62.23)	3.39 (86.10)	2.68 (68.07)	3.61 (91.69)	6.23 (158.24)	1.81 (45.97)	6.26 (159.00)
3-½"	TMCX350 1	M110	TMCXM110 1	3.130	2.45 (62.23)	3.39 (86.10)	2.68 (68.07)	3.61 (91.69)	6.23 (158.24)	1.94 (49.28)	6.26 (159.00)
3-½"	TMCX350 2	M110	TMCXM110 2	3.570	3.05 (77.47)	4.22 (107.18)	3.13 (79.50)	3.97 (100.84)	6.73 (170.94)	1.94 (49.28)	6.52 (165.61)
4"	TMCX400 1	-	-	3.130	2.45 (62.23)	3.39 (86.10)	2.68 (68.07)	3.61 (91.69)	6.23 (158.24)	2.00 (50.80)	6.26 (159.00)
4"	TMCX400 2	-	-	3.570	3.05 (77.47)	4.22 (107.18)	3.13 (79.50)	3.97 (100.84)	6.73 (170.94)	2.00 (50.80)	6.52 (165.61)

*All dimensions in inches; metric millimeters shown in parenthesis.

†When making your cable gland selection based on Cable O.D., be sure to also observe the Over Conductors O.D. dimension.

‡Minimum cable O.D. for CSA certification is 0.49 (12.45) for TMCX050 0 & TMCX075 0; 0.57 (14.48) for TMCX100 0.



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