

TMC Connectors For Jacketed Metal Clad Cable

Class I, Division 2, Groups A,B,C,D☆
 Class II, Division 1 and 2, Groups E, F, G
 Class III, Division 1 and 2
 Class I, Zone 1 and 2, AEXe II
 NEMA 3, 4, 4X,
 IP66

Applications

- TMC connectors are designed for use with the following cables:
 - MC/MCHL
 - Corrugated Interlocked Aluminium/Steel Armor
 - 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.

Features

- Integral 'O' ring face seal providing – 4X and 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: copperfree aluminum, nickel plated brass, stainless steel
- Grounding spring: stainless steel
- Bushing: LSF-TPE (halogen-free)
- Stop and slip washers: nylon
- O-ring: 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: 2225, 514B
- UL Listed: E323519, E81737
- CSA Standard: C22.2 No. 174
- CSA Certified: 249506

Options

- PVC coating available. Add suffix **-PVC** to catalog number.

Entry Thread A NPT (Inches)	Inches/Millimeters						Catalog Number		
	Cable Armor Diameter C				Cable Jacket Diameter D				
	End Stop In Min	End Stop In Max	End Stop Out Min	End Stop Out Max	Min	Max	Aluminum	NP Brass	Stainless Steel *
1/2	—	—	0.34/8.6	0.50/12.7	0.35/8.9	0.55/13.8	TMC050SA †	TMC050SNB	TMC050SSS
1/2	—	—	0.51/12.9	0.67/16.9	0.55/13.9	0.79/19.9	TMC050A †	TMC050NB	TMC050SS
3/4	0.59/15.0	0.76/19.2	0.76/19.2	0.92/23.2	0.67/16.9	1.04/26.2	TMC075A †	TMC075NB	TMC075SS
1	0.83/20.9	0.97/24.6	0.97/24.6	1.15/29.2	0.91/23.1	1.27/32.2	TMC100A †	TMC100NB	TMC100SS
1-1/4	1.08/27.5	1.23/31.1	1.23/31.1	1.39/35.2	1.16/29.4	1.50/38.2	TMC125A †	TMC125NB	TMC125SS
1-1/2	1.32/33.5	1.46/37.1	1.46/37.1	1.62/41.0	1.40/35.6	1.74/44.0	TMC150A †	TMC150NB	TMC150SS
2	1.51/38.3	1.68/42.5	1.68/42.5	1.85/47.0	1.58/40.1	2.01/51.0	TMC200SA	TMC200SNB	TMC200SSS
2	1.77/45.0	1.93/49.0	1.93/49.0	2.09/53.0	1.86/47.1	2.21/56.0	TMC200A †	TMC200NB	TMC200SS
2-1/2	2.05/52.1	2.16/54.8	2.16/54.8	2.32/58.9	2.08/52.8	2.44/62.0	TMC250SA	TMC250SNB	TMC250SSS
2-1/2	2.25/57.0	2.41/61.1	2.41/61.1	2.55/64.6	2.33/59.1	2.68/67.9	TMC250A †	TMC250NB	TMC250SS
3	2.54/64.5	2.78/70.5	2.78/70.5	2.97/75.3	2.62/66.5	3.13/79.4	TMC300A †	TMC300NB	TMC300SS
3-1/2	2.91/73.9	3.29/83.5	3.29/83.5	3.49/88.5	2.99/75.9	3.83/97.2	TMC350A †	TMC350NB	TMC350SS
4	—	—	3.50/88.9	4.02/102.1	3.70/93.9	4.22/107.1	TMC402400	—	—

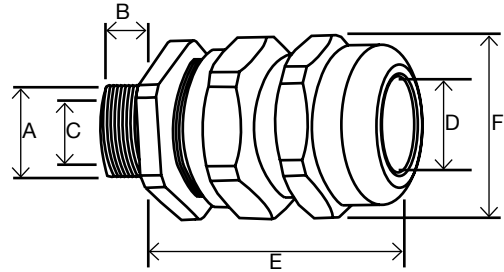
* Stainless Steel is priced by quote only. Contact your factory representative for assistance.

† PVC coating available. Add suffix **-PVC** to catalog number.

☆ Where explosionproof 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.

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Entry Thread A	Inches/Millimeters		
	Minimum Thread Length B	Nominal Assembly Length E	Envelope Diameter F
NPT (Inches)			
1/2	0.59/14.9	2.20/55.8	1.31/33.2
1/2	0.59/14.9	2.20/55.8	1.57/39.8
3/4	0.59/14.9	2.20/55.8	1.79/45.4
1	0.63/16.0	2.24/56.8	2.18/55.3
1-1/4	0.63/16.0	2.24/56.8	2.40/60.9
1-1/2	0.63/16.0	2.37/60.1	2.62/66.5
2	0.63/16.0	2.58/65.5	3.06/77.7
2	0.63/16.0	2.49/63.2	3.28/83.3
2-1/2	0.90/22.8	2.50/63.5	3.49/88.6
2-1/2	0.90/22.8	2.52/64.0	3.71/94.2
3	0.98/24.8	3.57/90.6	4.80/121.9
3-1/2	1.44/36.4	4.61/117.0	5.82/147.8
4	1.44/36.4	7.66/194.5	5.84/148.3

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