

TKMC Aluminum Cable Gland For Use in Zone Classified Hazardous Locations

Features

- Simplified two part design
- Compact profile
- Enhance reliability, reduce risk
- Reduces man hours & cost

Applications

- Simple, sequential installation process
- 360° grounding spring (non-magnetic)
- Independent sealing & armor clamping

Technical Specification:

- Thread: NPT
- Temperature Rating: -50°C to +90°C (-58°F to +194°F)

Material

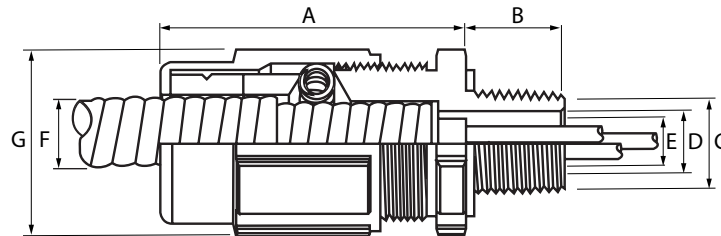
- Body & Cap: Aluminum
- Seal: TPV
- Gasket: Neoprene
- Spring: Stainless Steel

Cable Type:

- TECK 90
- MC-HL

Certification

- UL 514B (6th Ed.)
- UL 2225 Class I, Zone 1, AEx eb IIC Gb
- CSA C22.2 No 18.3-22
- IECEx-60079 - 0, 7
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1&2, Groups E, F, G
- Class III, Division 1&2
- IP66
- ATEX/IECEx Certification: UL 24 ATEX 3247U
- ATEX CertificationCode: Ex II 2G, eb IIC Gb, -40°C to +60°C, IP54
- IECEx CertificationNumber: IECEx UL 24.0050U
- IECEx CertificationCode: Ex eb IIC Gb, -40°C to +60°C, IP54



Catalog ID	Entry Thread NPT "C"	Min. Thd Length (In) "B"	Cable Outer Jacket Diameter (In) "F"		Cable Armour Diameter (In) "D"		Thru Bore (In) "E"	Across Flats (In) "G"	Assy. Length "A"	Assy. Torque N.M	Cable Stripping Length
			Min	Max	Min	Max	Max	Max			
TKMC050A075	1/2"	0.78	0.520	0.720	0.440	0.610	0.520	1.496	2.44	15	1.65
TKMC075A075	3/4"	0.80	0.520	0.720	0.440	0.610	0.520	1.496	2.44	36	1.65
TKMC050A099	1/2"	0.78	0.710	0.980	0.620	0.860	0.610	1.654	2.96	15	1.30
TKMC075A099	3/4"	0.80	0.710	0.980	0.620	0.860	0.748	1.654	2.96	36	1.65
TKMC075A118	3/4"	0.80	0.880	1.140	0.800	1.040	0.795	1.969	3.15	36	1.65
TKMC100A118	1"	0.98	0.880	1.140	0.800	1.040	0.965	1.969	3.15	50	1.65
TKMC100A137	1"	0.98	1.050	1.360	0.970	1.260	1.047	2.205	3.54	50	1.97
TKMC125A137	1-1/4"	1.01	1.050	1.360	0.970	1.260	1.146	2.205	3.54	50	1.97
TKMC125A162	1-1/4"	1.01	1.320	1.620	1.240	1.500	1.319	2.441	3.59	50	2.01
TKMC150A162	1-1/2"	1.03	1.320	1.620	1.240	1.500	1.382	2.441	3.59	60	2.01
TKMC125A190	1-1/4"	1.01	1.580	1.880	1.500	1.760	1.370	2.559	3.59	50	2.01
TKMC150A190	1-1/2"	1.03	1.580	1.880	1.500	1.760	1.543	2.559	3.59	60	2.01
TKMC150A200	1-1/2"	1.03	1.670	1.980	1.590	1.860	1.610	2.756	3.76	60	1.91
TKMC200A200	2"	1.06	1.670	1.980	1.590	1.860	1.654	2.756	3.76	60	2.01
TKMC150A233	1-1/2"	1.03	1.900	2.250	1.820	2.130	1.614	2.953	3.97	60	1.93
TKMC200A233	2"	1.06	1.900	2.250	1.820	2.130	2.028	2.953	3.97	60	2.01
TKMC250A233	2-1/2"	1.57	1.900	2.250	1.820	2.130	2.031	2.953	3.97	60	2.20
TKMC200A272	2"	1.06	2.280	2.680	2.160	2.560	2.071	3.543	4.10	60	2.01
TKMC250A272	2-1/2"	1.57	2.280	2.680	2.160	2.560	2.402	3.543	4.10	60	2.20
TKMC300A272	3"	1.63	2.280	2.680	2.160	2.560	2.402	3.543	4.10	60	2.20
TKMC300A325	3"	1.63	2.620	3.250	2.490	3.050	2.717	4.331	4.67	60	2.48
TKMC350A325	3-1/2"	1.69	2.650	3.250	2.520	3.050	2.717	4.331	4.67	60	2.48