

Fittings for Electrical Metallic Tubing (EMT) Compression Type, Raintight



5123 Series



5120 Series

Application

- To connect and effectively bond electrical metallic tubing to a box or an enclosure
- To provide a rain tight connection between tubing and the connector
- To couple ends of tubing

Features

- Rugged all steel construction
- Rings designed to positively bond conduit to fitting; unique locknut design provides effective bond between fitting and box or enclosure; ground continuity is ensured
- Nylon insulator firmly secured in place — protects conductors, reduces wire pulling effort and prevents thread damage in handling
- Locknuts are designed with extended reach to lock fitting on to a thin box or an enclosure
- Locknuts tighten without deformation; will not vibrate loose

Standard Material

All Steel except Insulator.

InsulatorThermoplastic, UL

Rated 105° C

Standard Finish

All Steel PartsElectro Zinc Plated
& Chromate Coated

InsulatorAs Molded

Range

Conduit Size... ½" thru 2"

Hub Size... ½" thru 2" NPS

Hubs provided with straight pipe threads NPS.

Listings/Compliances

UL (UL File No. E-16592)

CSA (LR-4484, LR-8994)

UL 514B

CSA C22.2 No. 18

NFPA 70

NEMA FB1

Federal Specification A-A-50553

Federal Standard H-28 (Threads)

EMT Raintight Fittings

- Patented design includes a sealing ring, ensuring a 360° raintight seal
- Distinctive fitting design and gland nut color enable inspectors to visually inspect conformance from a distance — no close-up inspection required
- All-steel construction for rugged, durable installations
- Sharp teeth on locknuts ensure a solid bond and tight grip on surface of enclosure
- Does not require disassembly to install

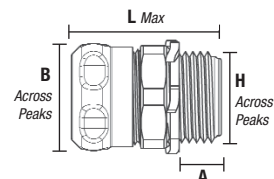


Materials, Specifications

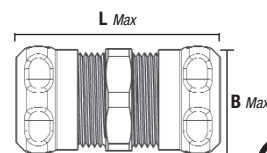
Material: Steel Body, Steel Locknut
 Plating: Zinc Plated, Clear Chromate coating
 Liner: Nylon (for insulated fittings)
 Threads: Male hub threads NPS
 NEMA applications require sealing gaskets (sold separately)
 Use: Raintight, wet locations, concrete-tight

Listings/Compliances

UL Listed: E-16592 Listed Raintight
 UL Standard: 514B
 NEMA: FB-1



Raintight EMT Compression Fittings feature a distinctive design and vibrant gland nut color, enabling inspectors to visually inspect conformance from a distance. There's no close-up inspection required!



NON-INS. CAT. NO.	INS. CAT. NO.	HUB SIZE	A	B	H	L	PKG. QTY.
Compression Connectors							
TC111A-RT	TC711A-RT	½"	.510	1.097	1.052	1.425	50
TC112A-RT	TC712A-RT	¾"	.510	1.305	1.295	1.425	50
TC113A-RT	TC713A-RT	1"	.675	1.645	1.580	1.652	25
TC114A-RT	TC714A-RT	1¼"	.750	2.127	2.000	2.062	25
TC115A-RT	TC715A-RT	1½"	.812	2.397	2.375	2.187	25
TC116A-RT	TC716A-RT	2"	.812	2.857	2.750	2.312	25

CAT. NO.	HUB SIZE	B	L	PKG. QTY.
Compression Couplings				
TK111A-RT	½"	1.660	1.097	50
TK112A-RT	¾"	1.660	1.305	50
TK113A-RT	1"	1.934	1.645	25
TK114A-RT	1¼"	2.374	2.127	25
TK115A-RT	1½"	2.500	2.397	25
TK116A-RT	2"	2.750	2.857	25

Sealing Gaskets* (sold separately)

SR-101	½"	—	—	50
SR-102	¾"	—	—	50
SR-103	1"	—	—	50

* Gaskets sold separately. In some jurisdictions, sealing gaskets are not required when installed in a threaded opening. Also, a connector assembled in the bottom of a box or enclosure may be considered by code "to be located (placed) so that water will not enter the enclosure at the knockout interface" (NEC 314.15 (A)). In this instance, the sealing O-ring may not be required. Consult with the local authority having jurisdiction.

EMT Connectors — Nylon Insulated



CAT. NO.	HUB SIZE	DIMENSION (IN.) A	DIMENSION (IN.) B
5123	½"	1¾"	1½"
5223	¾"	1¾"	1½"
5323	1"	1¾"	1½"
5423	1¼"	2¼"	1½"
5523	1½"	2¼"	1½"
5623	2"	2¼"	1½"

UL File No. E-16592 CSA File No. LR12798

EMT Couplings



CAT. NO.	HUB SIZE	DIMENSION (IN.) A	DIMENSION (IN.) B
5120	½"	1¾"	1½"
5220	¾"	1¾"	1½"
5320	1"	1¾"	1½"
5420	1¼"	2¼"	1½"
5520	1½"	2¼"	1½"
5620	2"	2¼"	1½"

UL File No. E-16592 CSA File No. LR12798

EMT Connectors



CAT. NO.	HUB SIZE	DIMENSION (IN.) A	DIMENSION (IN.) B
5121-TB	½"	1¾"	1½"
5221	¾"	1¾"	1½"
5321	1"	1¾"	1½"
5421	1¼"	2¼"	1½"
5521-TB	1½"	2¼"	1½"
5621	2"	2¼"	1½"

T&B EMT (thinwall) fittings comply with Federal Spec. WF408B.

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