



Product Specification: Made in the USA EMT Connectors, Couplings and Straps

PART 1: Overview

Product used to secure and terminate Electrical Metallic Tubing (EMT) to a box or enclosure, to join lengths of EMT together, or to support EMT to a mounting surface. All product shall be Made in the USA.

General Specification Guidance: “EMT Fittings shall be zinc plated steel or zinc die cast as manufactured by Bridgeport Fittings, Inc. Connectors and couplings shall be set screw or compression type, concrete-type or raintight, when properly installed.”

PART 2: Products

2.01 ACCEPTABLE MANUFACTURERS

- A. Low Profile Compression Connectors – Zinc Die Cast. Shall be 225-DC or 226-DC as manufactured by Bridgeport Fittings, Inc.
- B. Set Screw Connectors – Steel. Shall be series 230-US through 239-US (Non-insulated versions) or 230-USI through 239-USI (Insulated versions) as manufactured by Bridgeport Fittings.
- C. Set Screw Couplings – Steel. Shall be series 240-US through 249-US as manufactured by Bridgeport Fittings, Inc.
- D. Set Screw Connectors – Zinc Die Cast. Shall be series 230-DC2 through 239-DC2 (Non-insulated versions) or 230-DCI2 through 239-DCI2 (Insulated versions) as manufactured by Bridgeport Fittings, Inc.
- E. Set Screw Couplings – Zinc Die Cast. Shall be series 240-DC through 249-DC as manufactured by Bridgeport Fittings, Inc.
- F. Compression Connectors – Steel. Shall be series 250-US through 259-US (Non-insulated versions) or 250-USI through 259-USI (Insulated versions) as manufactured by Bridgeport Fittings.
- G. Compression Couplings – Steel. Shall be series 260-US through 269-US as manufactured by Bridgeport Fittings, Inc.
- H. Compression Connectors – Zinc Die Cast. Shall be series 250-DC2 through 259-DC2 (Non-insulated versions) or 250-DCI2 through 259-DCI2 (Insulated versions) as manufactured by Bridgeport Fittings, Inc.
- I. Compression Couplings – Zinc Die Cast. Shall be series 260-DC through 260-DC as manufactured by Bridgeport Fittings, Inc.



- J. Raintight Compression Connectors – Zinc Die Cast. Shall be series 252-RT2 through 259-RT2 (Non-insulated versions) or 252-RTI2 through 259-RTI2 (Insulated versions) as manufactured by Bridgeport Fittings, Inc.
- K. Raintight Compression Connectors – Steel. Shall be series 250-USRT through 255-USRT (Non-insulated versions) or 250-USRTI through 255-USRTI (Insulated versions) as manufactured by Bridgeport Fittings, Inc.
- L. Raintight Compression Couplings – Zinc Die Cast. Shall be series 262-RT through 269-RT2 as manufactured by Bridgeport Fittings, Inc.
- M. Raintight Compression Couplings – Steel. Shall be series 260-USRT through 265-USRT as manufactured by Bridgeport Fittings, Inc.
- N. 90 Degree Compression Connectors – Zinc Die Cast. Shall be the 270-DC2 (Non-insulated versions) or 270-DCI2 (Insulated versions) as manufactured by Bridgeport Fittings, Inc.
- O. EMT to Rigid Combination Couplings – Zinc Die Cast. Shall be 290-DC, 291-DC or 292-DC as manufactured by Bridgeport Fittings, Inc.
- P. EMT to FMC Combination Couplings – Zinc Die Cast. Shall be 581-DC, 582-DC or 583-DC as manufactured by Bridgeport Fittings, Inc.
- Q. One Hole EMT Straps – Steel. Shall be series 920-S through 925-S or series 907-S through 910-S as manufactured by Bridgeport Fittings, Inc.
- R. EMT Nail Straps – Steel. Shall be 920-NS, 921-NS or 922-NS as manufactured by Bridgeport Fittings, Inc.

2.02 MATERIALS

- A. Steel Product shall be SAE 1050.
- B. Die Cast Zinc Product shall be #7 or #3 ZAMAK.

2.03 GENERAL DESIGN

- A. Zinc die cast components shall be ball burnished.
- B. Steel parts shall be zinc plated for corrosion protection.
- C. Bridgeport logo shall appear on each fitting and/or box.
- D. Die cast zinc locknuts shall have precision machine-cut threads and possess a serrated face on each side.
- E. All set screw products shall have staked screws to prevent disassembly in transit.
- F. All fitting throat diameters shall be smooth with no sharp edges.
- G. Raintight products shall have internal sealing rings to create and maintain a raintight seal.
- H. All fittings shall be tested to UL 514B and be listed by Underwriters Laboratories.