

Couplings, Set Screw, Rigid Metallic Conduit (RMC) and Intermediate Metallic Conduit (IMC)



1. Scope

This standard covers the requirements for set-screw couplings for rigid metallic conduit (RMC) and intermediate metallic conduit (IMC).

This material standard applies to the Seattle City Light (SCL) stock numbers cited in Section 7.

2. Application

Set screw couplings are used to join two unthreaded lengths of RMC or IMC conduit together.

Set-screw couplings are intended for encased conduit applications only.

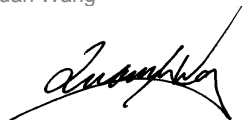
Set-screw couplings shall not be used above ground.

3. Industry Standards

Set screw couplings shall meet the applicable requirements of the latest revision of the following industry standards:

NEMA FB 1; "Fittings, Cast Metal Boxes, and Conduit Bodies for Conduit, Electrical Metallic Tubing, and Cable"

UL 514B; "Conduit, Tubing, and Cable Fittings"



4. Requirements

Set screw couplings shall have the following attributes:

- Malleable iron, hot-dip or mechanically galvanized construction
- Slip fit
- General design as shown in Figure 4
- Two- or four-set screw design
- Concrete tight

Figure 4. Set Screw Coupling



5. Packaging

Set screw couplings shall be packaged to prevent damage during shipping, handling, and storage.

Each standard package shall be legibly marked with the following information:

- Manufacturer identification
- Product description
- SCL stock number
- Quantity contained

Each shipping container shall be legibly marked with the following information:

- SCL purchase order number

6. Issuance

Stock Unit: EA

7. Approved Manufacturers

Stock No.	Trade Size (in)	Appleton Catalog No.	O-Z / Gedney Catalog No.	Steel Electric Catalog No.
013569	2	SNTCC-200	29-200	TRCC-200
731082	2-1/2	SNTCC-250	29-250	TRCC-250
731083	3	SNTCC-300	29-300	TRCC-300
731084	3-1/2	SNTCC-350	29-350	TRCC-350
731085	4	SNTCC-400	29-400	TRCC-400
731086	5	SNTCC-500	29-500	TRCC-500

8. Sources

Shetab, Muneer; SCL Standards Engineer, originator, and subject matter expert for 7050.11 (muneer.shetab@seattle.gov)

Threadless Compression and Set-Screw Couplings; Emerson, Effective February 2017

Seattle City Light
MATERIAL STANDARD
Couplings, Set Screw, Rigid Metallic Conduit (RMC)
and Intermediate Metallic Conduit (IMC)

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Page: 3 of 3

Set-Screw Rigid Connectors & Couplings; O-Z/Gedney, Effective 2007

Malleable Iron Rigid Set-Screw Couplings; Steel Electric Products; www.speco-usa.com

SCL Stock Catalog Page 73-72, June 12, 2018