

# T&B Conduit Fittings

## Rigid and Intermediate Metal Conduit Fittings



### Specifications—Set Screw Fitting/Coupling

(For Threadless Rigid Metal Conduit and Intermediate Metal Conduit)



8125 Series



8124 Series

#### Application

- To connect and effectively bond threadless rigid metal conduit or intermediate metal conduit to a box or enclosure or to couple ends of threadless conduit.

#### Features

- Thickwall steel or malleable iron body.
- Hardened hex head cup point screw to provide high quality bond.
- Captive screw, will not vibrate loose.
- Nylon insulated throat meets and exceeds all codes requirements for bushing:
  - (i) Prevents thinning of insulation.
  - (ii) Reduces installation effort.
  - (iii) Prevents first thread damage.
- Coupling provided with positive center stop.
- Suitable for concretetight application.
- Capable of carrying ground fault currents up to 10,000 amps RMS (1/42 through 1-1/2" size) and 20,000 amps RMS (2" and above sizes).

#### Standard Material

Body	1/2" thru 2" Steel 2-1/2" thru 4" Malleable Iron
Locknut	1/2" thru 2" Steel (hardened) 2-1/2" thru 4" Malleable Iron
Screw	Steel (hardened)
Insulator	Nylon

#### Standard Finish

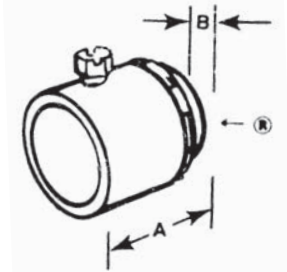
Electro Zinc Plated & Chromate Coated.

#### Conformity

U.L. 514B  
CSA C22.2 No. 18.3  
ANSI C80.4  
NFPA 70-2008 (ANSI)  
NEMA FB-1  
Federal Specification W-F-408  
Federal Standard H-28 (Threads)

# T&B Conduit Fittings

## Rigid and Intermediate Metal Conduit Fittings

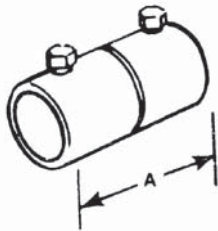


Eliminate conduit threading with these set screw fittings. Captive hex head screws tighten down onto conduit for positive holding strength and ground. The fittings are furnished with insulated throats reducing wire pulling effort by as much as 50%. Approved concrete-tight.

### Insulated Set-Screw Fitting

Cat. No.	Conduit Size	Dimensions (in.)	
		A	B
8125	1/2"	1-3/8	13/32
8225	3/4"	1-1/2	7/16
8325	1"	1-13/16	35/65
8425	1-1/4"	2	5/8
8525-TB	1-1/2"	2-5/16	5/8
8625	2"	2-7/16	11/16
8725-TB	2-1/2"	3-3/8	1
8825	3"	3-7/16	1
8855	3-1/2"	3-7/8	1-1/16
8975	4"	4-3/16	1-1/8

Sizes 1/2"-2" made of steel. Sizes 2-1/2"-4" are malleable iron.  
For Dura-Plate™ finish, add prefix 040- to Cat. No. Consult Customer Service for details.



Eliminate the need for threading conduit ends when joining rigid conduit with these set screw couplings. Captive hex head screws provide positive holding strength and ground continuity. Approved concrete-tight.

### Set Screw Coupling



Cat. No.	Conduit Size	Dimensions (in.)
		A
8124	1/2"	2-1/2
8224-TB	3/4"	2-11/16
8324-TB	1"	2-27/32
8424	1-1/4"	3
8524	1-1/2"	3-3/8
8624	2"	3-5/8
8724-TB	2-1/2"	3-7/8
8824-TB	3"	4-1/4
8854	3-1/2"	4-15/16
8974	4"	5-3/8

Sizes 1/2"-2" made of steel; sizes 2-1/2"-4" are malleable iron.  
For Dura-Plate™ finish, add prefix 040- to Cat. No. Consult Customer Service for details.