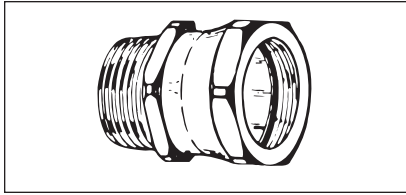
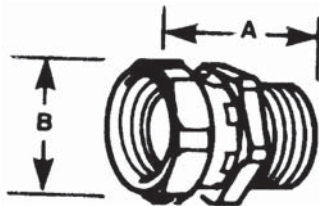
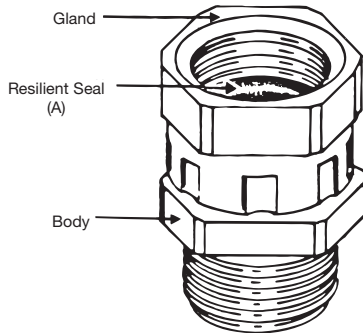
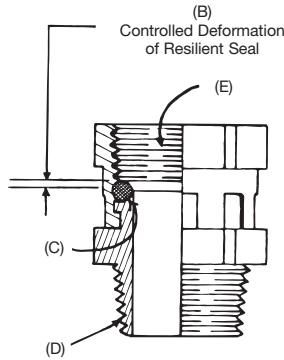


# T&B Conduit Fittings

## Liquidtight Flexible Metal Conduit Fittings



41 Series



Steel, zinc plated and chromated. Ideal for angle fittings where swing clearance is not available.

### Specifications—Liquidtight Union for Threaded Hub

#### Application

- To couple threaded end of a fitting or a pipe to a tapped opening in a box or enclosure where rotation of fitting or pipe is limited or restricted.

#### Features

- Provides high quality bond between fitting or pipe to the union.
- Provided with resilient seal (A).
- Resilient seal subjected to controlled deformation; positive seal and reusability are assured (B).
- Unique design centralizes throat openings of threaded hub and union (C).
- Permits orientation of fitting in any predetermined direction for a safe, functional and neat assembly.
- Provided with taper-threaded hub for liquidtight assembly (D).
- Straight pipe threads on gland accept a straight-or taper-threaded hub on fitting or pipe to be coupled (E).

- Suitable for hazardous location use per  
CEC Rule J18-106 Class I, Div. 1;  
CEC Rule 18-202 Class II, Div. 1;  
CEC Rule 18-252 Class II, Div. 2;  
CEC Rule 18-302 Class III, Div. 1;  
CEC Rule 18-352 Class III, Div. 2;

#### Standard Material/Finish

Gland	Steel/Electro Zinc Chromate Coated
Body	Steel/Electro Zinc Chromate Coated
'O' Ring	Buna N/As Molded

#### Range

- Hub (External Thread)  
1/2" and 3/4" NPT
- Gland (Internal Threads)  
1/2" and 3/4" NPS

#### Conformity

U.L. 514B  
CSA C22.2 No. 18.3  
NEMA FB-1  
ANSI C80.4  
NFPA 70-2008 (ANSI)  
Federal Specification W-F-408  
Federal Specification W-F-406  
Federal Standard H-28 (Threads)

### Liquidtight Union for Threaded Hub

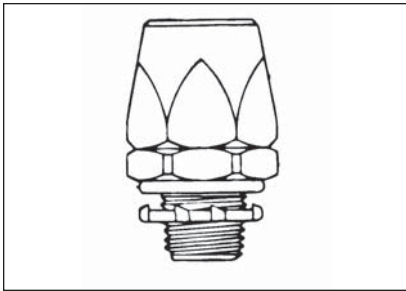


Cat. No.	Conduit Size	Dimensions (in.)	
		A	B
41TB	1/2"	1-29/64	1
42TB	3/4"	1-15/16	1-1/4

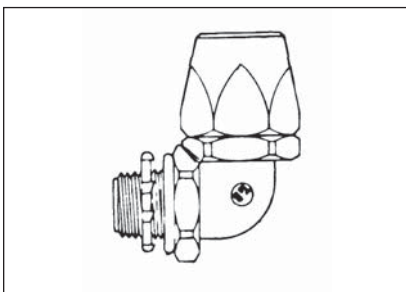
# T&B Conduit Fittings

## Liquidtight Flexible Nonmetallic Conduit Fittings

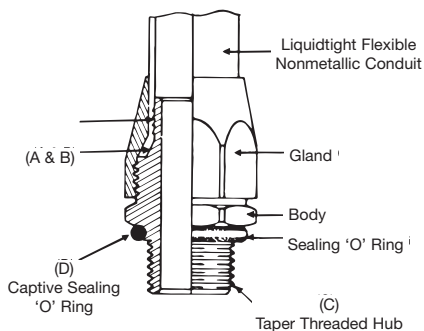
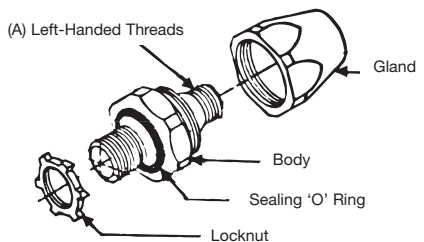
### Specifications—Type A Conduit Fittings



**Series 6302**  
**Liquidtight Flexible Nonmetallic**  
**Conduit Fittings**



**Series 6322**  
**Liquidtight Flexible Nonmetallic**  
**Conduit Fittings**



#### Application

- To provide a liquidtight, dusttight connection between flexible, nonmetallic conduit and a box or an enclosure.

#### Features

- Serrated design provides high mechanical pullout strength (A).
- Unique component parts (body/gland) design insures positive seal between conduit and fitting (B).
- Tapered thread hub and sealing 'O' ring provide a liquidtight/dust tight seal to a box or an enclosure (C).
- High strength, chemical resistant, nonburning, nondripping thermoplastic construction.
- Smooth insulated body throughout for maximum dielectric strength.
- Captive 'O' ring and reduced number of parts save installation time (D).

#### Standard Material

Body	Thermoplastic
Gland	Thermoplastic
'O' Ring	Neoprene
Locknut	Steel (Case Hardened)

#### Standard Finish

Body, Gland & 'O' Ring	As Molded
Locknut	Electro Zinc

#### Range

- Conduit Size 1/2" thru 1-1/4"
- Hub Size 1/2" thru 1-1/4" N.P.T.

### Suggested Specifications for Type A Conduit and Fittings

- Type A Liquidtight Flexible Nonmetallic Conduit shall be seamless type adequately reinforced with one or more layers of flexible braided reinforcing cords. Conduit jacket shall be of non-kinking oil resistant/water resistant flame retardant material suitable for ambient environmental conditions.
- Where Type A Flexible Nonmetallic Conduit terminates into a threaded or threadless opening, the conduit shall be cut square, deburred, installed with sufficient slack to reduce effects of vibration and assembled with approved fittings such as series 6302 or 3720 manufactured by

Thomas & Betts. Fittings shall be of malleable iron/steel/thermoplastic construction with taper-threaded hub and:

- (1) Ferrous metallic fittings shall be electro-zinc plated inside outside and equipped with a nylon insulated throat.
- (2) Thermoplastic fittings shall be of high impact chemical resistant, nonburning, nondripping thermoplastic.
- (3) Fittings shall be provided with a captive, moisture resistant/oil resistant synthetic rubber gasket.