

# Liquidtight Flexible Metal Conduit Fittings

T&B Fittings



5331 Series\*  
5231 AL Series

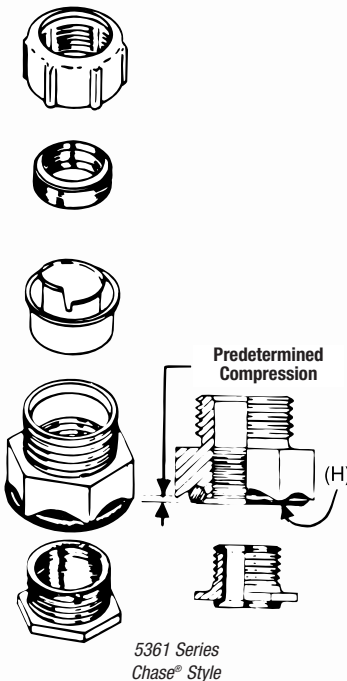


5361 Series



5271 Series

\* 5341 Series...  
same as 5331, except 45° Connectors  
5351 Series...  
same as 5331, except 90° Connectors



5361 Series  
Chase® Style

### Application

- Used where flexible metal raceway is installed in outdoor or indoor locations where exposed to continuous or intermittent moisture
- To positively bond conduit to box or enclosure

### Features

- Ability to install quickly with low torque effort
- Ground cone design offers the following advantages:
  - (1) Compresses metallic convolutions; provides high quality ground contact with low impedance and high raceway holding power (A)
  - (2) Single helical thread on ground cone is easy to install without cross thread; accepts variations in raceway diameters and convolution pitch (B)
  - (3) Rolled over edge protects conductors (C)

### Sealing Ring Design Features

- (1) Grips and seals at leading and trailing edge — will not abrade raceway jacket (D)
  - (2) Provided with grooves on inside diameter for anti-sleeving (E)
  - (3) Shoulders on both ends for extra sealing (F)
  - (4) Symmetrical shape assures foolproof assembly
- Can be disconnected and reused.

- Watertight/oil tight installation at box or enclosure termination is assured by:

- (1) External taper thread hub on 5331 series and use of sealing gasket 5262 series (G)
- (2) Captivated sealing O-Ring on 5361 series (H)
- (3) Taper tapped hole on 5271 series

- Suitable for use in Class I Division 2, Class II Division 1 and 2 and Class III Division 1 and 2 Hazardous Locations per N.E.C. Section 500

- Suitable as a grounding means per NEC Section 351-9 (up to 1¼" trade size on)

- ½" & 1¼" sizes laboratory tested to carry ground fault current of up to 1,000 amps RMS with duration of fault current 3 cycles

- Conforms with JIC requirements
- Available with imperial, I.S.O. & PG threaded hub

### Standard Material

#### 5331-5361-5271 Series

Body, Gland, Locknut & Ground Cones: All steel or malleable iron

Sealing Ring and Insulator: All thermoplastic  
Sealing Gasket: Stainless Steel and Buna N

#### 5231 AL Series

All Copper-free Aluminum (non-insulated)

#### 5332SST Series

31L Stainless Steel insulated

#### 5332B Series

Marine grade brass insulated

### Standard Finish

#### 5331-5361-5271 Series

Electro Zinc Plated & Chromate Coated

#### 5231 AL Series

Copper-free Aluminum

### Range

5331 Series	.....	¾" thru 6"* conduit
5341 Series	.....	¾" thru 4" conduit
5351 Series	.....	¾" thru 4" conduit
5361 Series	.....	¾" thru 4" conduit
5271 Series	.....	¾" thru 1¼" conduit
5231 AL Series	.....	¾" thru 4" conduit
5332SST Series	.....	½" & ¾" conduit
5332B Series	.....	½" & ¾" conduit

\*All hubs provided with taper pipe threads (NPT)

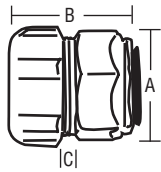
### Listed/Certified by

UL ..... (UL File No. E-23018)  
CSA ..... (LR-2884, LR-4484, LR-9555)

### Conforms to

UL 514B  
CSA C22.2 No. 18  
NEMA FB-1  
NFPA 70-1999 (ANSI)  
JIC EGP1  
JIC EMP1  
Federal Specification W-F-406  
Federal Standard H-28 (Threads)

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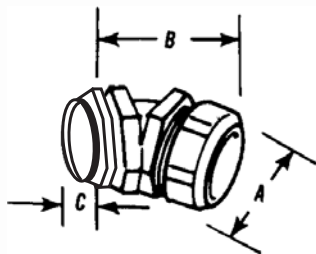
Steel or malleable iron with O-Ring Seal

### Nylon Insulated CHASE® Connectors



CAT. NO.	CONDUIT SIZE	DIMENSIONS (IN.)		
		A	B	C
5361†	3/8"	1 1/2	1 1/8	1/8
5362†	1/2"	1 1/2	1 1/8	3/16
5363†	3/4"	1 11/16	1 1/8	1/4
5364†	1"	2 1/2	2 1/16	1/4
5365†	1 1/4"	2 3/8	2 3/8	5/16
5366†	1 1/2"	2 5/8	2 3/4	3/8
5367†	2"	3 3/8	3	3/8
5368†	2 1/2"	4 3/8	3 5/8	7/16
5369†	3"	5 1/8	4 1/2	1/2
5370†	4"	5 1/2	4 1/2	1/2

With SAFE-EDGE® ground cone and double bevel sealing ring (through 2").



Malleable iron

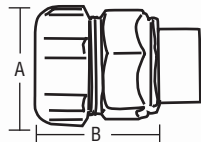
### Nylon Insulated 90° Angle CHASE® Connectors

CAT. NO.	CONDUIT SIZE	DIMENSIONS (IN.)		
		A	B	C
5371†	3/8"	1 1/2	1 1/2	3/16
5372†	1/2"	1 15/16	1 15/16	3/16
5373†	3/4"	1 31/64	1 1/8	5/32
5374†	1"	1 23/32	2 1/4	1 1/2

With SAFE-EDGE® ground cone and double bevel sealing ring.

NOTE: UL Listed Liquidtight; & CSA certified watertight. Suitable for hazardous locations use in Class I, Div. 2; Class II, Div. 1 and 2; Class III, Div. 1 and 2, where general purpose equipment is specifically permitted per NEC Section 500-2(a).

†UL listed as grounding means under NEC 351-7.



### Standard Liquidtight Female Hub Adapter



CAT. NO.	CONDUIT SIZE	DIMENSIONS (IN.)	
		A	B
5271†	3/8"	1 1/2	1 1/8
5272†	1/2"	1 1/8	1 1/16
5273†	3/4"	1 3/8	1 1/4
5274†	1"	1 1/8	2 1/8
5275†	1 1/4"	2 3/8	2 1/8

†UL Listed as grounding means under NEC 351-7.



### Prevents severe conduit bends and pullout!

### Wiremesh Grips for Liquidtight Fittings



CAT. NO.	CONDUIT SIZE	LIQUIDTIGHT CONNECTORS			90° CHASE	CHASE	ADAPTER
		STRAIGHT	45°	90°			
WMG-LT1	3/8"	5331	5341	5351	5361	5371	5271
WMG-LT2	1/2"	5332	5342	5352	5362	5372	5272
WMG-LT3	3/4"	5333	5343	5353	5363	5373	5273
WMG-LT4	1"	5334	5344	5354	5364	5374	5274
WMG-LT5	1 1/4"	5335	5345	5355	5365	—	5275
WMG-LT6	1 1/2"	5336	5346	5356	5366	—	5276
WMG-LT7	2"	5337	5347	5357	5367	—	5277
WMG-LT8	2 1/2"	5338	5348	5358	5368	—	5278
WMG-LT9	3"	5339	5349	5359	5369	—	5279
WMG-LT10	4"	5340	5350	5360	5370	—	5282

Order wiremesh grip separately; no need to duplicate inventory.

UL File No. E23018

CSA File No. 2884 & 4484