

# 1F Condulet® Service Entrance Elbows and Tees

1F

## Applications:

- SLB and LBY elbows are installed in conduit systems to:
- Act as service entrance elbows between service entrance and vertical weatherhead conduit runs
  - Make 90° bends in conduit systems where space is limited
  - Act as pull outlets
  - Provide access to conductors for maintenance and future system changes

ET short radius tees are installed in conduit systems:

- In concealed conduit runs allowing single conduit stub up to outlet boxes located above or below main conduit run. Eliminates separate feed and return conduits to flush floor box or junction box

## Features:

SLB elbows have:

- Compact overall size and short hubs
- Taper tapped hubs and integral bushing for standard threaded conduit
- Covers and gaskets furnished

LBY elbows have:

- Maximum volume for bends within a compact overall size
- Screw-on cover for ease of installation and removal
- Cover openings on an angle, permitting conductors to be pulled straight through either hub
- Taper tapped hubs and integral bushing for standard threaded conduit

ET short radius tees have:

- Compact size, small radius of bend for use in concealed or open conduit systems. Particularly suited for use in shallow floors or partitions
- Taper tapped hubs and integral bushing for standard threaded conduit

## Certifications and Compliances:

- UL Standard: 514B
- Fed. Spec.: W-C-586a

## Standard Materials:

- SLB elbows – copper-free aluminum
- LBY elbows – *Feraloy*® iron alloy
- ET tees – *Feraloy* iron alloy

## Standard Finishes:

- Copper-free aluminum – natural
- *Feraloy* iron alloy – electrogalvanized and aluminum acrylic paint

## Options:

### Description

### Finishes – LBY elbows:

*Corro-free*™ epoxy power coat  
Material (LBY only) – copper-free aluminum construction

## SLB (includes cover)



| Size  | Cat. # |
|-------|--------|
| 1/2   | SLB1   |
| 3/4   | SLB2   |
| 1     | SLB3   |
| 1 1/4 | SLB4   |
| 1 1/2 | SLB5   |
| 2     | SLB6   |

### Suffix

S752  
SA

## LBY (includes cover)



| Size  | Cat. # |
|-------|--------|
| 1/2   | LBY15  |
| 3/4   | LBY25  |
| 1     | LBY35  |
| 1 1/4 | LBY45  |
| 1 1/2 | LBY55  |

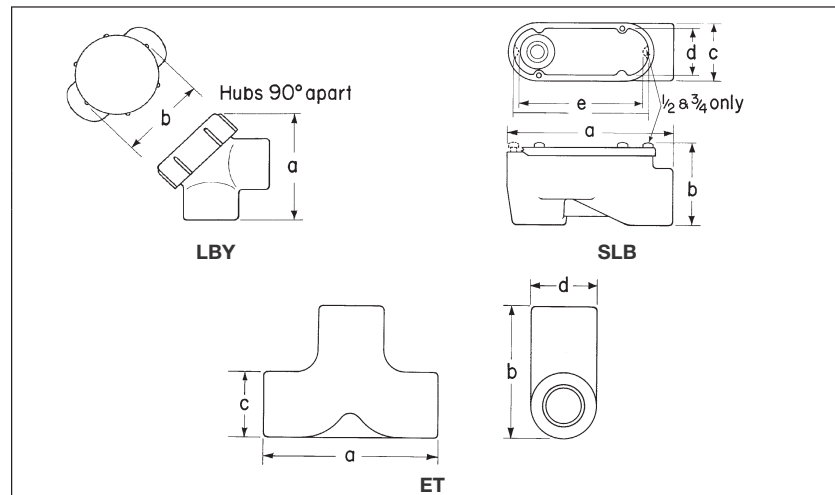
## ET



| Size            | Cat. # |
|-----------------|--------|
| 3/4 – 1/2 – 1/2 | ET218  |
| 3/4 – 3/4 – 3/4 | ET228  |
| 1 – 3/4 – 3/4   | ET328  |

Largest hub shown at top of photo

## Dimensions In Inches:



## SLB

| Size | 1/2     | 3/4     | 1       | 1 1/4   | 1 1/2   | 2       |
|------|---------|---------|---------|---------|---------|---------|
| a    | 3 1/8   | 3 1/2   | 4 1/8   | 5 3/8   | 6 25/32 | 7 3/4   |
| b    | 1 25/32 | 2       | 19/32   | 2 25/32 | 3 1/32  | 3 29/32 |
| c    | 1 3/16  | 1 3/8   | 1 11/16 | 2 3/32  | 2 9/8   | 3       |
| d    | 1       | 1 3/16  | 1 15/32 | 1 7/8   | 2 5/32  | 2 5/8   |
| e    | 2 11/16 | 2 15/16 | 3 11/32 | 4 3/4   | 6 1/32  | 6 31/32 |

## LBY

| Size | 1/2     | 3/4    | 1     | 1 1/4   | 1 1/2 |
|------|---------|--------|-------|---------|-------|
| a    | 2 13/16 | 3 7/16 | 3 1/4 | 3 25/32 | 4 1/2 |
| b    | 2       | 2 1/4  | 2 1/2 | 2 15/16 | 3 3/8 |

## ET

| Size | 3/4 – 1/2 – 1/2 | 3/4 – 3/4 – 3/4 | 1 – 3/4 – 3/4 |
|------|-----------------|-----------------|---------------|
| a    | 4               | 4               | 4             |
| b    | 2 5/8           | 3               | 3             |
| c    | 1 1/4           | 1 1/2           | 1 1/2         |
| d    | 1 1/2           | 1 1/2           | 1 3/4         |

# Condulet® Conduit Bodies With Covers; Elbows and Tees

## LBH, LBY, ET Series

Cl. I, Div. 1 & 2, Groups A, B, C, D\*  
Cl. II, Div. 1, Groups E, F, G  
Cl. II, Div. 2, Groups F, G  
Cl. III  
NEMA 7ABCD,9EFG

Explosionproof  
Dust-Ignitionproof

**3F**

### Applications:

LBH conduit outlet bodies are installed in hazardous areas to:

- Act as pull outlets especially for conductors that are stiff due to large size or type of insulation
- Make 90° bends in conduit system, allowing straight pull in either direction
- Provide for conduit service entrance to buildings
- Provide for conductor entrance to motors
- Provide access to wiring for maintenance and future system changes

LBY elbows are installed in conduit systems within hazardous areas to:

- Make 90° bends in conduit systems where space is limited
- Act as pull outlets
- Provide access to conductors for maintenance and future system changes

ET series short radius tees are installed in conduit systems within hazardous areas to:

- Allow single conduit stub up to outlet and device boxes located above or below main conduit runs. Eliminates separate feed and return conduits

### Features:

LBH bodies have:

- Cover openings on an angle, permitting conductors to be pulled straight through hubs from either direction
- Domed covers to permit easy conductor bends (relieves strain on insulation)
- Taper threaded hubs with integral bushings

LBY elbows have:

- Maximum volume for bends within a compact overall size
- Screw on cover for ease of installation and removal
- Over opening on an angle, permitting conductors to be pulled straight through either hub
- Taper threaded hubs and integral bushing for rigid threaded conduit

ET short radius tees have:

- Compact size and small radius of bend for use in concealed, or open conduit systems.
- Particularly suited for use in shallow floors or partitions
- Taper threaded hubs and integral bushing for rigid threaded conduit

### Certifications and Complies:

- NEC:
  - LBH 10-20 –
    - Class I, Division 1 & 2, Groups B, C, D
    - Class II, Division 1, Groups E, F, G
    - Class II, Division 2, Groups F, G
  - Class III
    - LBH 30-100
    - Class I, Division 1 & 2, Group D
    - Class II, Division 1, Groups E, F, G
    - Class II, Division 2, Groups F, G
  - Class III
    - LBY –
      - Class I, Division 1 & 2, Groups C, D
      - Class II, Division 1, Groups E, F, G
      - Class II, Division 2, Groups F, G
    - Class III
      - ET –
        - Class I, Division 1 & 2, Groups A, B, C, D
        - Class II, Division 1, Groups E, F, G
        - Class II, Division 2, Groups F, G
  - UL Standard: 1203
  - CSA Standard: C22.2 No. 30

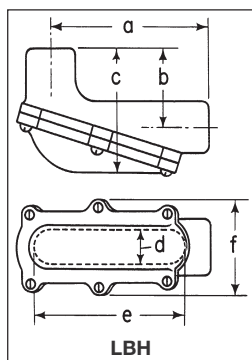
### Standard Materials:

- LBH, LBY and ET – *Feraloy*® iron alloy

### Standard Finishes:

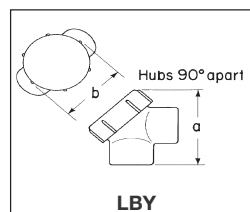
- LBH, LBY and ET – electrogalvanized and aluminum acrylic paint

### Dimensions In Inches:



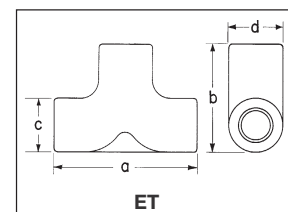
#### LBH

| Size    | a        | b       | c      | d      | e      | f     |
|---------|----------|---------|--------|--------|--------|-------|
| 1/2-3/4 | 5 1/16   | 2 19/32 | 4      | 1 3/16 | 4      | 2 3/4 |
| 1-1/4   | 7 7/8    | 3 13/32 | 5 1/4  | 1 3/4  | 7      | 4     |
| 1 1/2   | 10 15/16 | 4 1/2   | 7 3/32 | 2 1/2  | 10     | 5     |
| 2       | 10 21/32 | 4 25/32 | 7 3/32 | 2 1/2  | 10     | 5     |
| 2-1/2-3 | 15 5/8   | 5 1/2   | 9 1/2  | 3      | 15 3/4 | 5 5/8 |
| 3-1/2-4 | 23 3/16  | 6 11/16 | 11 3/4 | 4      | 24     | 7 1/8 |



#### LBY

| Size  | a       | b       |
|-------|---------|---------|
| 1/2   | 2 9/16  | 2       |
| 3/4   | 2 13/16 | 2 1/4   |
| 1     | 3 3/32  | 2 1/2   |
| 1 1/4 | 3 3/4   | 2 15/16 |
| 1 1/2 | 4 1/4   | 3 3/8   |



#### ET

| Size        | a | b     | c     | d     |
|-------------|---|-------|-------|-------|
| 3/4-1/2-1/2 | 4 | 2 5/8 | 1 1/4 | 1 1/2 |
| 3/4-3/4-3/4 | 4 | 3     | 1 1/2 | 1 1/2 |
| 1-3/4-3/4   | 4 | 3     | 1 1/2 | 1 3/4 |

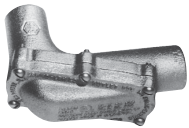
### Options:


| Description  | Suffix |
|--|--------|
| LBH and LBY series – copper-free aluminum                  | SA     |
| LBH and LBY series – <i>Corro-free</i> ™ epoxy powder coat | S752   |


### Size Ranges:

- LBH bodies – hub size 1/2" to 4"
- LBY elbows – hub size 1/2" to 1 1/2"

### Ordering Information

| LBH   | Hub Size | Cat. # |
|---|----------|--------|
|  | 1/2      | LBH10  |
|   | 3/4      | LBH20  |
|   | 1        | LBH30  |
|   | 1 1/4    | LBH40  |
|   | 1 1/2    | LBH50  |
|   | 2        | LBH60  |
|   | 2 1/2    | LBH70  |
|   | 3        | LBH80  |
|   | 3 1/2    | LBH90  |
|   | 4        | LBH100 |

| LBY  | Hub Size | Cat. # |
|--|----------|--------|
|  | 1/2      | LBY15  |
|  | 3/4      | LBY25  |
|  | 1        | LBY35  |
|  | 1 1/4    | LBY45  |
|  | 1 1/2    | LBY55  |

| ET  | Hub Size      | Cat. # |
|---|---------------|--------|
|  | 3/4-1/2-1/2 ‡ | ET218  |
|   | 3/4-3/4-3/4 ‡ | ET228  |
|   | 1-3/4-3/4 ‡   | ET328  |

‡Largest hub is shown at top of photo.