

## Form 7 SnapPack™ Pre-Assembled Body, Gasket and Cover



### Applications:

Form 7 Condulets are installed in conduit systems to:

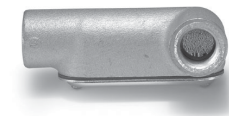
- Act as pull outlets for conductors being installed
- Provide an opening for making splices and taps in conductors
- Connect conduit sections
- Provide taps for branch conduit runs
- Make 90-degree bends in conduit runs
- Provide access to conductors in a conduit system for maintenance and future system changes

### Features:

- All SnapPack product is individually bar coded to facilitate more efficient inventory control
- Distributors and end-users need to stock a single SKU instead of three separate component numbers – order the body, cover and gasket with one catalog number – saving transaction costs, and making product selection and merchandising fast and easy
- Form 7 conduit bodies are compact with a round back design for neat, efficient installations
- Conduit hubs have tapered threads and integral bushings for protection of wire insulation
- Many shapes and trade sizes available
- Sheet-steel wedge nut cover is provided with integral gasket. The wedge nut design facilitates installation and removal. Nuts and screws are held captive in cover
- Cover screws are stainless steel with a combination slotted and Phillips head, for easy installation and superior corrosion protection

### Ordering Information

| Trade Size | Shape | Cat. #  |
|------------|-------|---------|
| 1/2"       | C     | C17 CG  |
| 3/4"       | C     | C27 CG  |
| 1"         | C     | C37 CG  |
| 1 1/4"     | C     | C47 CG  |
| 1 1/2"     | C     | C57 CG  |
| 2"         | C     | C67 CG  |
| 1/2"       | LB    | LB17 CG |
| 3/4"       | LB    | LB27 CG |
| 1"         | LB    | LB37 CG |
| 1 1/4"     | LB    | LB47 CG |
| 1 1/2"     | LB    | LB57 CG |
| 2"         | LB    | LB67 CG |
| 1/2"       | LL    | LL17 CG |
| 3/4"       | LL    | LL27 CG |
| 1"         | LL    | LL37 CG |
| 1 1/4"     | LL    | LL47 CG |
| 1 1/2"     | LL    | LL57 CG |
| 2"         | LL    | LL67 CG |
| 1/2"       | LR    | LR17 CG |
| 3/4"       | LR    | LR27 CG |
| 1"         | LR    | LR37 CG |
| 1 1/4"     | LR    | LR47 CG |
| 1 1/2"     | LR    | LR57 CG |
| 2"         | LR    | LR67 CG |
| 1/2"       | T     | T17 CG  |
| 3/4"       | T     | T27 CG  |
| 1"         | T     | T37 CG  |
| 1 1/4"     | T     | T47 CG  |
| 1 1/2"     | T     | T57 CG  |
| 2"         | T     | T67 CG  |
| 1/2"       | TB    | TB17 CG |
| 3/4"       | TB    | TB27 CG |
| 1"         | TB    | TB37 CG |
| 1 1/4"     | TB    | TB47 CG |
| 1 1/2"     | TB    | TB57 CG |
| 2"         | TB    | TB67 CG |
| 1/2"       | X     | X17 CG  |
| 3/4"       | X     | X27 CG  |
| 1"         | X     | X37 CG  |
| 1 1/4"     | X     | X47 CG  |
| 1 1/2"     | X     | X57 CG  |
| 2"         | X     | X67 CG  |



Form 7 Condulets and covers are available in additional configurations, sizes and materials. For a complete listing of Form 7, Form 8 and Mark 9 conduit bodies and covers see pages 6–12.

### Certifications and Compliances:

- UL Standard: 514B
- CSA Standard: C22.2 No. 18

### Standard Materials:

- Body – Feraloy® iron alloy
- Gasket – urethane
- Cover – sheet steel
- Cover screws – stainless steel

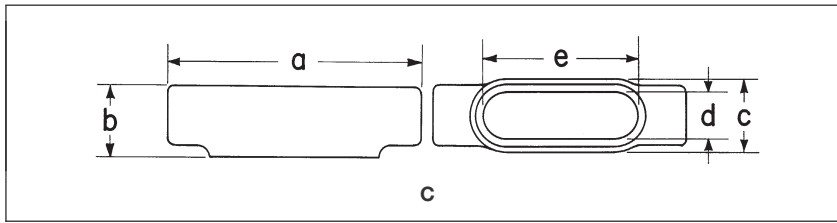
### Standard Finishes:

- Feraloy – electrogalvanized with aluminum acrylic paint
- Sheet steel – electrogalvanized

# 1F Condulet® Conduit Bodies - Cast Iron or Aluminum

Dimensions (In Inches)

1F



### Form 7 C

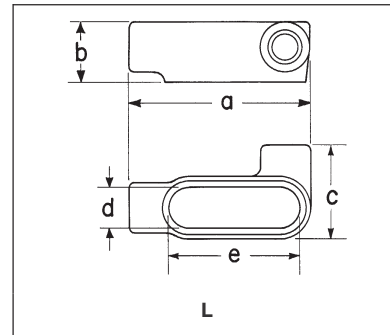
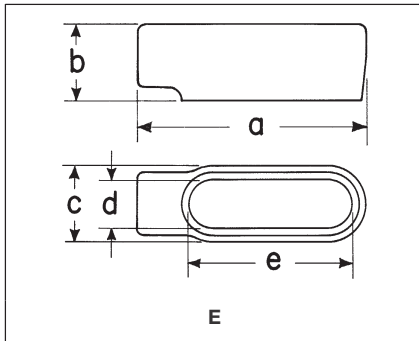
| Size | 1/2    | 3/4    | 1     | 1 1/4  | 1 1/2   | 2      | 2 1/2  | 3      |
|------|--------|--------|-------|--------|---------|--------|--------|--------|
| a    | 5 3/8  | 6      | 7     | 7 7/16 | 8 3/16  | 9 3/16 | 12     | 11 3/4 |
| b    | 1 3/8  | 1 5/8  | 1 7/8 | 2 5/16 | 2 9/16  | 3 1/8  | 3 5/8  | 4 3/8  |
| c    | 1 3/8  | 1 9/16 | 1 3/4 | 2 3/16 | 2 7/16  | 3      | 4 1/4  | 4 1/4  |
| d    | 1 5/16 | 1 1/8  | 1 3/8 | 1 3/4  | 1 15/16 | 2 7/16 | 3 3/16 | 3 9/16 |
| e    | 3 3/16 | 3 3/16 | 4 1/2 | 5      | 5 7/16  | 6 3/8  | 8 3/8  | 8 3/8  |

### Form 8 C

| Size | 1/2     | 3/4     | 1       | 1 1/4  | 1 1/2   | 2      | 2 1/2  | 3       |
|------|---------|---------|---------|--------|---------|--------|--------|---------|
| a    | 5 11/16 | 6 9/32  | 7 7/16  | 8 1/2  | 10 3/8  | 12 1/4 | 15 5/8 | 15 3/8  |
| b    | 1 7/16  | 1 11/16 | 1 15/16 | 2 3/8  | 2 25/32 | 3 3/16 | 4 7/16 | 4 13/16 |
| c    | 1 3/8   | 1 3/16  | 1 3/4   | 2 3/16 | 2 3/4   | 3 3/4  | 5      | 5       |
| d    | 1       | 1 3/16  | 1 3/8   | 1 3/4  | 2 1/8   | 3      | 4 1/4  | 4 1/4   |
| e    | 3 5/16  | 3 15/16 | 4 9/16  | 5 5/16 | 6 1/2   | 8 9/16 | 10 7/8 | 10 7/8  |

### Mark 9 C

| Size | 1/2    | 3/4     | 1       | 1 1/4   | 1 1/2 | 2      | 2 1/2  | 3       | 3 1/2   | 4       |
|------|--------|---------|---------|---------|-------|--------|--------|---------|---------|---------|
| a    | 5      | 5 11/16 | 6 10/32 | 7 1/2   | 8 3/4 | 10 1/2 | 15 5/8 | 15 5/8  | 18 3/4  | 18 3/4  |
| b    | 1 3/8  | 1 5/8   | 1 7/8   | 2 1/2   | 2 3/4 | 3 7/16 | 4 7/16 | 4 13/16 | 5 11/16 | 5 15/16 |
| c    | 1 3/8  | 1 9/16  | 1 3/4   | 2 3/16  | 2 1/2 | 3 3/16 | 5      | 5       | 6 1/4   | 6 1/4   |
| d    | 1 3/16 | 1 3/8   | 1 1/2   | 1 15/16 | 2 1/4 | 2 7/8  | 4 1/4  | 4 1/4   | 5 7/16  | 5 7/16  |
| e    | 3 3/16 | 3 15/16 | 4 9/16  | 5 5/16  | 6     | 8 7/16 | 10 7/8 | 10 7/8  | 13 7/16 | 13 7/16 |



### Form 7 E

| Size | 1/2    | 3/4    | 1     |
|------|--------|--------|-------|
| a    | 4 3/16 | 5 3/16 | 6     |
| b    | 1 3/8  | 1 5/8  | 1 7/8 |
| c    | 1 3/8  | 1 9/16 | 1 3/4 |
| d    | 1 5/16 | 1 1/8  | 1 3/8 |
| e    | 3 3/16 | 3 3/16 | 4 1/2 |

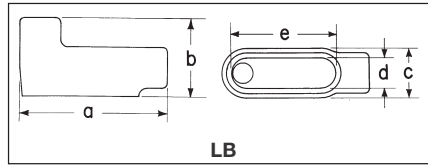
### Form 7 L

| Size | 1/2    | 3/4     | 1     | 1 1/4  | 1 1/2   | 2      |
|------|--------|---------|-------|--------|---------|--------|
| a    | 4 9/16 | 5 3/16  | 6     | 6 1/2  | 7 1/8   | 8 3/8  |
| b    | 1 3/8  | 1 5/8   | 1 7/8 | 2 5/16 | 2 9/16  | 3 1/8  |
| c    | 2 1/4  | 2 7/16  | 2 3/4 | 3 3/16 | 3 9/16  | 4 1/8  |
| d    | 1 5/16 | 1 1/8   | 1 3/8 | 1 3/4  | 1 15/16 | 2 7/16 |
| e    | 3 3/16 | 3 13/16 | 4 1/2 | 5      | 5 7/16  | 6 3/8  |

# Condulet® Conduit Bodies - Cast Iron or Aluminum

1F

## Dimensions (In Inches)



### Form 7 LB

| Size | 1/2    | 3/4     | 1     | 1 1/4  | 1 1/2   | 2      | 2 1/2  | 3      | 3 1/2    | 4        |
|------|--------|---------|-------|--------|---------|--------|--------|--------|----------|----------|
| a    | 4 9/16 | 5 3/16  | 6     | 6 1/2  | 7 1/8   | 8 1/8  | 10 1/2 | 10 1/2 | 12 11/16 | 12 11/16 |
| b    | 2 1/4  | 2 1/2   | 2 7/8 | 3 9/16 | 3 11/16 | 4 1/4  | 5 1/8  | 5 7/8  | 6 9/16   | 7 1/16   |
| c    | 1 3/8  | 1 9/16  | 1 3/4 | 2 3/16 | 2 7/16  | 3      | 4 1/4  | 4 1/4  | 5 1/4    | 5 1/4    |
| d    | 1 5/16 | 1 1/8   | 1 3/8 | 1 3/4  | 1 15/16 | 2 7/16 | 3 9/16 | 3 9/16 | 4 1/2    | 4 1/2    |
| e    | 3 3/16 | 3 13/16 | 4 1/2 | 5      | 5 7/16  | 6 3/8  | 8 3/8  | 8 3/8  | 10 1/4   | 10 1/4   |

### Form 8 LB

| Size | 1/2     | 3/4     | 1       | 1 1/4   | 1 1/2  | 2       | 2 1/2    | 3        | 3 1/2   | 4       |
|------|---------|---------|---------|---------|--------|---------|----------|----------|---------|---------|
| a    | 4 15/16 | 5 9/16  | 6 15/32 | 7 17/32 | 9 1/8  | 11      | 13 15/16 | 13 15/16 | 16 7/8  | 16 7/8  |
| b    | 2 7/32  | 2 7/16  | 2 19/16 | 3 11/32 | 4 1/32 | 4 13/16 | 6 1/8    | 6 1/2    | 7 9/16  | 7 13/16 |
| c    | 1 3/8   | 1 9/16  | 1 3/4   | 2 3/16  | 2 3/4  | 3 3/4   | 5        | 5        | 6 1/4   | 6 1/4   |
| d    | 1       | 1 3/16  | 1 3/8   | 1 3/4   | 2 1/8  | 3       | 4 1/4    | 4 1/4    | 5 7/16  | 5 7/16  |
| e    | 3 5/16  | 3 15/16 | 4 9/16  | 5 5/16  | 6 1/2  | 8 9/16  | 10 7/8   | 10 7/8   | 13 7/16 | 13 7/16 |

### Mark 9 LB

| Size | 1/2     | 3/4     | 1       | 1 1/4   | 1 1/2 | 2       | 2 1/2    | 3        | 3 1/2   | 4       |
|------|---------|---------|---------|---------|-------|---------|----------|----------|---------|---------|
| a    | 4 19/32 | 5 1/4   | 6 3/32  | 7 1/32  | 7 3/4 | 10 1/32 | 13 15/16 | 13 15/16 | 16 7/8  | 16 7/8  |
| b    | 2 1/8   | 2 13/32 | 2 27/32 | 3 15/32 | 3 3/4 | 4 15/32 | 6 1/8    | 6 1/2    | 7 9/16  | 7 13/16 |
| c    | 1 3/8   | 1 9/16  | 1 3/4   | 2 3/16  | 2 1/2 | 3 3/16  | 5        | 5        | 6 1/4   | 6 1/4   |
| d    | 1 3/16  | 1 3/8   | 1 1/2   | 1 15/16 | 2 1/4 | 2 7/8   | 4 1/4    | 4 1/4    | 5 7/16  | 5 7/16  |
| e    | 3 5/16  | 3 15/16 | 4 9/16  | 5 5/16  | 6     | 8 1/16  | 10 7/8   | 10 7/8   | 13 7/16 | 13 7/16 |



### Form 7 LL & LR

| Size | 1/2    | 3/4     | 1     | 1 1/4  | 1 1/2   | 2      | 2 1/2  | 3      | 3 1/2    | 4        |
|------|--------|---------|-------|--------|---------|--------|--------|--------|----------|----------|
| a    | 4 9/16 | 5 3/16  | 6     | 6 1/2  | 7 1/8   | 8 1/8  | 10 1/2 | 10 1/2 | 12 11/16 | 12 11/16 |
| b    | 1 3/8  | 1 3/8   | 1 7/8 | 2 3/16 | 2 9/16  | 3 3/8  | 3 3/8  | 4 3/8  | 4 7/8    | 5 3/8    |
| c    | 2 1/4  | 2 7/16  | 2 3/4 | 3 3/16 | 3 9/16  | 4 1/8  | 5 1/4  | 5 1/4  | 6 15/16  | 6 15/16  |
| d    | 1 5/16 | 1 1/8   | 1 3/8 | 1 3/4  | 1 15/16 | 2 7/16 | 3 9/16 | 3 9/16 | 4 1/2    | 4 1/2    |
| e    | 3 3/16 | 3 13/16 | 4 1/2 | 5      | 5 7/16  | 6 3/8  | 8 3/8  | 8 3/8  | 10 1/4   | 10 1/4   |

### Form 8 LL & LR

| Size | 1/2     | 3/4     | 1       | 1 1/4   | 1 1/2   | 2      | 2 1/2    | 3        |
|------|---------|---------|---------|---------|---------|--------|----------|----------|
| a    | 4 15/16 | 5 9/16  | 6 15/32 | 7 17/32 | 9 1/8   | 11     | 13 15/16 | 13 15/16 |
| b    | 1 7/16  | 1 11/16 | 1 15/16 | 2 3/8   | 2 25/32 | 3 3/16 | 4 7/16   | 4 13/16  |
| c    | 2 5/32  | 2 5/16  | 2 5/8   | 3 3/32  | 4       | 5      | 6 11/16  | 6 11/16  |
| d    | 1       | 1 3/16  | 1 3/8   | 1 3/4   | 2 1/8   | 3      | 4 1/4    | 4 1/4    |
| e    | 3 5/16  | 3 15/16 | 4 9/16  | 5 5/16  | 6 1/2   | 8 9/16 | 10 7/8   | 10 7/8   |

### Mark 9 LL & LR

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

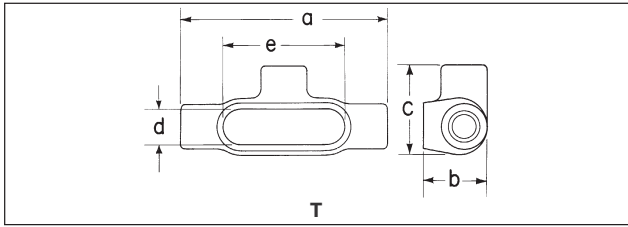
Crouse-Hinds

by E.T.N

# 1F Condulet® Conduit Bodies - Cast Iron or Aluminum

Dimensions (In Inches)

1F



**Form 7T**

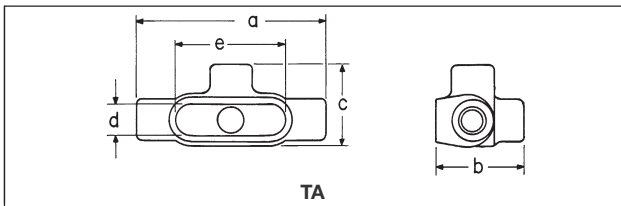
| Size                          | a                               | b                              | c                               | d                               | e                               |
|-------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 1/2                           | 5 <sup>5</sup> / <sub>8</sub>   | 1 <sup>3</sup> / <sub>4</sub>  | 2 <sup>7</sup> / <sub>16</sub>  | 1 <sup>5</sup> / <sub>16</sub>  | 3 <sup>3</sup> / <sub>16</sub>  |
| 3/4                           | 6 <sup>1</sup> / <sub>4</sub>   | 2                              | 2 <sup>5</sup> / <sub>8</sub>   | 1 <sup>1</sup> / <sub>8</sub>   | 3 <sup>13</sup> / <sub>16</sub> |
| 1                             | 7 <sup>1</sup> / <sub>4</sub>   | 2 <sup>1</sup> / <sub>4</sub>  | 3                               | 1 <sup>3</sup> / <sub>8</sub>   | 4 <sup>1</sup> / <sub>2</sub>   |
| 1 <sup>1</sup> / <sub>4</sub> | 7 <sup>7</sup> / <sub>16</sub>  | 2 <sup>5</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub>  | 1 <sup>3</sup> / <sub>4</sub>   | 5                               |
| 1 <sup>1</sup> / <sub>2</sub> | 8 <sup>3</sup> / <sub>16</sub>  | 2 <sup>9</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub>  | 1 <sup>15</sup> / <sub>16</sub> | 5 <sup>7</sup> / <sub>16</sub>  |
| 2                             | 9 <sup>9</sup> / <sub>16</sub>  | 3 <sup>1</sup> / <sub>8</sub>  | 4 <sup>1</sup> / <sub>8</sub>   | 2 <sup>7</sup> / <sub>16</sub>  | 6 <sup>3</sup> / <sub>8</sub>   |
| 2 <sup>1</sup> / <sub>2</sub> | 12                              | 3 <sup>5</sup> / <sub>8</sub>  | 5 <sup>1</sup> / <sub>4</sub>   | 3 <sup>3</sup> / <sub>16</sub>  | 8 <sup>3</sup> / <sub>8</sub>   |
| 3                             | 12 <sup>1</sup> / <sub>16</sub> | 4 <sup>3</sup> / <sub>8</sub>  | 5 <sup>1</sup> / <sub>4</sub>   | 3 <sup>3</sup> / <sub>16</sub>  | 8 <sup>3</sup> / <sub>8</sub>   |
| 3 <sup>1</sup> / <sub>2</sub> | 14 <sup>5</sup> / <sub>16</sub> | 4 <sup>7</sup> / <sub>8</sub>  | 6 <sup>15</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>2</sub>   | 10 <sup>1</sup> / <sub>4</sub>  |
| 4                             | 14 <sup>3</sup> / <sub>16</sub> | 5 <sup>3</sup> / <sub>8</sub>  | 6 <sup>15</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>2</sub>   | 10 <sup>1</sup> / <sub>4</sub>  |

**Form 8T**

| Size                          | a                               | b                               | c                               | d                              | e                               |
|-------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|
| 1/2                           | 5 <sup>11</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>4</sub>   | 2 <sup>5</sup> / <sub>32</sub>  | 1                              | 3 <sup>5</sup> / <sub>16</sub>  |
| 3/4                           | 6 <sup>9</sup> / <sub>32</sub>  | 2                               | 2 <sup>9</sup> / <sub>16</sub>  | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>15</sup> / <sub>16</sub> |
| 1                             | 7 <sup>5</sup> / <sub>16</sub>  | 2 <sup>1</sup> / <sub>4</sub>   | 2 <sup>5</sup> / <sub>8</sub>   | 1 <sup>3</sup> / <sub>8</sub>  | 4 <sup>9</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>4</sub> | 8 <sup>1</sup> / <sub>2</sub>   | 2 <sup>5</sup> / <sub>8</sub>   | 3 <sup>5</sup> / <sub>32</sub>  | 1 <sup>3</sup> / <sub>4</sub>  | 5 <sup>5</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>2</sub> | 10 <sup>9</sup> / <sub>16</sub> | 2 <sup>25</sup> / <sub>32</sub> | 4                               | 2 <sup>1</sup> / <sub>8</sub>  | 6 <sup>1</sup> / <sub>2</sub>   |
| 2                             | 12 <sup>1</sup> / <sub>4</sub>  | 3 <sup>9</sup> / <sub>16</sub>  | 5                               | 3                              | 8 <sup>7</sup> / <sub>16</sub>  |
| 2 <sup>1</sup> / <sub>2</sub> | 15 <sup>5</sup> / <sub>8</sub>  | 4 <sup>7</sup> / <sub>16</sub>  | 6 <sup>11</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 10 <sup>7</sup> / <sub>8</sub>  |
| 3                             | 15 <sup>5</sup> / <sub>8</sub>  | 4 <sup>13</sup> / <sub>16</sub> | 6 <sup>11</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 10 <sup>7</sup> / <sub>8</sub>  |

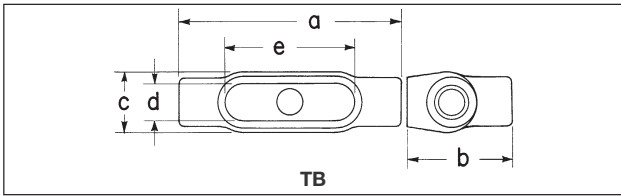
**Mark 9T**

| Size                          | a                               | b                               | c                               | d                               | e                               |
|-------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|
| 1/2                           | 5                               | 1 <sup>3</sup> / <sub>8</sub>   | 2 <sup>1</sup> / <sub>8</sub>   | 1 <sup>1</sup> / <sub>16</sub>  | 3 <sup>5</sup> / <sub>16</sub>  |
| 3/4                           | 5 <sup>11</sup> / <sub>16</sub> | 1 <sup>5</sup> / <sub>8</sub>   | 2 <sup>3</sup> / <sub>8</sub>   | 1 <sup>3</sup> / <sub>8</sub>   | 3 <sup>15</sup> / <sub>16</sub> |
| 1                             | 6 <sup>19</sup> / <sub>32</sub> | 1 <sup>7</sup> / <sub>8</sub>   | 2 <sup>5</sup> / <sub>8</sub>   | 1 <sup>1</sup> / <sub>2</sub>   | 4 <sup>9</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>4</sub> | 7 <sup>1</sup> / <sub>2</sub>   | 2 <sup>1</sup> / <sub>2</sub>   | 3 <sup>3</sup> / <sub>32</sub>  | 1 <sup>15</sup> / <sub>16</sub> | 5 <sup>5</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>2</sub> | 8 <sup>1</sup> / <sub>4</sub>   | 2 <sup>3</sup> / <sub>4</sub>   | 3 <sup>7</sup> / <sub>16</sub>  | 2 <sup>1</sup> / <sub>4</sub>   | 6                               |
| 2                             | 10 <sup>1</sup> / <sub>2</sub>  | 3 <sup>7</sup> / <sub>16</sub>  | 4 <sup>1</sup> / <sub>8</sub>   | 2 <sup>7</sup> / <sub>8</sub>   | 8 <sup>1</sup> / <sub>16</sub>  |
| 2 <sup>1</sup> / <sub>2</sub> | 15 <sup>5</sup> / <sub>8</sub>  | 4 <sup>7</sup> / <sub>16</sub>  | 6 <sup>11</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>4</sub>   | 10 <sup>7</sup> / <sub>8</sub>  |
| 3                             | 15 <sup>5</sup> / <sub>8</sub>  | 4 <sup>13</sup> / <sub>16</sub> | 6 <sup>11</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>4</sub>   | 10 <sup>7</sup> / <sub>8</sub>  |
| 3 <sup>1</sup> / <sub>2</sub> | 18 <sup>3</sup> / <sub>4</sub>  | 5 <sup>11</sup> / <sub>16</sub> | 8 <sup>1</sup> / <sub>8</sub>   | 5 <sup>7</sup> / <sub>16</sub>  | 13 <sup>7</sup> / <sub>16</sub> |
| 4                             | 18 <sup>3</sup> / <sub>4</sub>  | 5 <sup>15</sup> / <sub>16</sub> | 8 <sup>1</sup> / <sub>8</sub>   | 5 <sup>7</sup> / <sub>16</sub>  | 13 <sup>7</sup> / <sub>16</sub> |



**Form 7TA**

| Size                          | a                              | b                               | c                              | d                               | e                               |
|-------------------------------|--------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|
| 1/2                           | 5 <sup>5</sup> / <sub>8</sub>  | 2 <sup>5</sup> / <sub>8</sub>   | 2 <sup>7</sup> / <sub>16</sub> | 1 <sup>5</sup> / <sub>16</sub>  | 3 <sup>3</sup> / <sub>16</sub>  |
| 3/4                           | 6 <sup>1</sup> / <sub>4</sub>  | 2 <sup>7</sup> / <sub>8</sub>   | 2 <sup>5</sup> / <sub>8</sub>  | 1 <sup>1</sup> / <sub>8</sub>   | 3 <sup>13</sup> / <sub>16</sub> |
| 1                             | 7 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>   | 3                              | 1 <sup>3</sup> / <sub>8</sub>   | 4 <sup>1</sup> / <sub>2</sub>   |
| 1 <sup>1</sup> / <sub>4</sub> | 7 <sup>7</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>16</sub>  | 3 <sup>3</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>4</sub>   | 5                               |
| 1 <sup>1</sup> / <sub>2</sub> | 8 <sup>3</sup> / <sub>16</sub> | 3 <sup>11</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 5 <sup>7</sup> / <sub>16</sub>  |
| 2                             | 9 <sup>9</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>4</sub>   | 4 <sup>1</sup> / <sub>8</sub>  | 2 <sup>7</sup> / <sub>16</sub>  | 6 <sup>3</sup> / <sub>8</sub>   |



**Form 7TB**

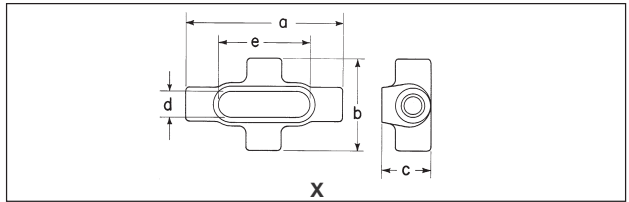
| Size                          | a                              | b                              | c                              | d                               | e                               |
|-------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|
| 1/2                           | 5 <sup>5</sup> / <sub>8</sub>  | 2 <sup>5</sup> / <sub>8</sub>  | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>5</sup> / <sub>16</sub>  | 3 <sup>3</sup> / <sub>16</sub>  |
| 3/4                           | 6 <sup>1</sup> / <sub>4</sub>  | 2 <sup>7</sup> / <sub>8</sub>  | 1 <sup>3</sup> / <sub>4</sub>  | 1 <sup>1</sup> / <sub>8</sub>   | 3 <sup>13</sup> / <sub>16</sub> |
| 1                             | 7 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>4</sub>  | 2                              | 1 <sup>3</sup> / <sub>8</sub>   | 4 <sup>1</sup> / <sub>2</sub>   |
| 1 <sup>1</sup> / <sub>4</sub> | 7 <sup>7</sup> / <sub>16</sub> | 3 <sup>5</sup> / <sub>16</sub> | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>4</sub>   | 5                               |
| 1 <sup>1</sup> / <sub>2</sub> | 8 <sup>3</sup> / <sub>16</sub> | 5                              | 2 <sup>7</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 5 <sup>7</sup> / <sub>16</sub>  |
| 2                             | 9 <sup>9</sup> / <sub>16</sub> | 6 <sup>1</sup> / <sub>8</sub>  | 3                              | 2 <sup>7</sup> / <sub>16</sub>  | 6 <sup>3</sup> / <sub>8</sub>   |

**Form 8TB**

| Size                          | a                               | b                               | c                              | d                              | e                               |
|-------------------------------|---------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|
| 1/2                           | 5 <sup>11</sup> / <sub>16</sub> | 2 <sup>17</sup> / <sub>32</sub> | 1 <sup>3</sup> / <sub>8</sub>  | 1                              | 3 <sup>5</sup> / <sub>16</sub>  |
| 3/4                           | 6 <sup>9</sup> / <sub>32</sub>  | 2 <sup>1</sup> / <sub>4</sub>   | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>15</sup> / <sub>16</sub> |
| 1                             | 7 <sup>5</sup> / <sub>16</sub>  | 3 <sup>1</sup> / <sub>8</sub>   | 1 <sup>3</sup> / <sub>4</sub>  | 1 <sup>3</sup> / <sub>8</sub>  | 4 <sup>9</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>4</sub> | 8 <sup>1</sup> / <sub>2</sub>   | 3 <sup>11</sup> / <sub>32</sub> | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>4</sub>  | 5 <sup>5</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>2</sub> | 10 <sup>9</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>32</sub>  | 2 <sup>3</sup> / <sub>4</sub>  | 2 <sup>1</sup> / <sub>8</sub>  | 6 <sup>1</sup> / <sub>2</sub>   |
| 2                             | 12 <sup>1</sup> / <sub>4</sub>  | 4 <sup>13</sup> / <sub>16</sub> | 3 <sup>3</sup> / <sub>4</sub>  | 3                              | 8 <sup>7</sup> / <sub>16</sub>  |

**Mark 9TB**

| Size                          | a                               | b                               | c                              | d                               | e                               |
|-------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|---------------------------------|
| 1/2                           | 5                               | 2 <sup>1</sup> / <sub>8</sub>   | 1 <sup>3</sup> / <sub>8</sub>  | 1 <sup>3</sup> / <sub>16</sub>  | 3 <sup>5</sup> / <sub>16</sub>  |
| 3/4                           | 5 <sup>11</sup> / <sub>16</sub> | 2 <sup>13</sup> / <sub>32</sub> | 1 <sup>9</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>8</sub>   | 3 <sup>15</sup> / <sub>16</sub> |
| 1                             | 6 <sup>19</sup> / <sub>32</sub> | 2 <sup>27</sup> / <sub>32</sub> | 1 <sup>3</sup> / <sub>4</sub>  | 1 <sup>1</sup> / <sub>2</sub>   | 4 <sup>9</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>4</sub> | 7 <sup>1</sup> / <sub>2</sub>   | 3 <sup>15</sup> / <sub>32</sub> | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 5 <sup>5</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>2</sub> | 8 <sup>11</sup> / <sub>32</sub> | 3 <sup>7</sup> / <sub>8</sub>   | 2 <sup>1</sup> / <sub>2</sub>  | 2 <sup>5</sup> / <sub>32</sub>  | 5 <sup>7</sup> / <sub>8</sub>   |
| 2                             | 10 <sup>5</sup> / <sub>8</sub>  | 4 <sup>19</sup> / <sub>32</sub> | 3 <sup>7</sup> / <sub>32</sub> | 2 <sup>15</sup> / <sub>16</sub> | 8 <sup>3</sup> / <sub>32</sub>  |



**Form 7X**

| Size                          | a                              | b                              | c                              | d                               | e                               |
|-------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|---------------------------------|
| 1/2                           | 5 <sup>5</sup> / <sub>8</sub>  | 3 <sup>3</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>4</sub>  | 1 <sup>5</sup> / <sub>16</sub>  | 3 <sup>3</sup> / <sub>16</sub>  |
| 3/4                           | 6 <sup>1</sup> / <sub>4</sub>  | 3 <sup>1</sup> / <sub>2</sub>  | 2                              | 1 <sup>1</sup> / <sub>8</sub>   | 3 <sup>13</sup> / <sub>16</sub> |
| 1                             | 7 <sup>1</sup> / <sub>4</sub>  | 4                              | 2 <sup>1</sup> / <sub>4</sub>  | 1 <sup>3</sup> / <sub>8</sub>   | 4 <sup>1</sup> / <sub>2</sub>   |
| 1 <sup>1</sup> / <sub>4</sub> | 7 <sup>7</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>8</sub>  | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>4</sub>   | 5                               |
| 1 <sup>1</sup> / <sub>2</sub> | 8 <sup>3</sup> / <sub>16</sub> | 4 <sup>5</sup> / <sub>8</sub>  | 2 <sup>3</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 5 <sup>7</sup> / <sub>16</sub>  |
| 2                             | 9 <sup>9</sup> / <sub>16</sub> | 5 <sup>3</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>8</sub>  | 2 <sup>7</sup> / <sub>16</sub>  | 6 <sup>3</sup> / <sub>8</sub>   |

**Form 8X**

| Size                          | a                               | b                               | c                               | d                              | e                               |
|-------------------------------|---------------------------------|---------------------------------|---------------------------------|--------------------------------|---------------------------------|
| 1/2                           | 5 <sup>11</sup> / <sub>16</sub> | 2 <sup>29</sup> / <sub>32</sub> | 1 <sup>3</sup> / <sub>4</sub>   | 1                              | 3 <sup>5</sup> / <sub>16</sub>  |
| 3/4                           | 6 <sup>9</sup> / <sub>32</sub>  | 3 <sup>1</sup> / <sub>16</sub>  | 2                               | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>15</sup> / <sub>16</sub> |
| 1                             | 7 <sup>5</sup> / <sub>16</sub>  | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>1</sup> / <sub>4</sub>   | 1 <sup>3</sup> / <sub>8</sub>  | 4 <sup>9</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>4</sub> | 8 <sup>1</sup> / <sub>2</sub>   | 4 <sup>1</sup> / <sub>8</sub>   | 2 <sup>5</sup> / <sub>8</sub>   | 1 <sup>3</sup> / <sub>4</sub>  | 5 <sup>5</sup> / <sub>16</sub>  |
| 1 <sup>1</sup> / <sub>2</sub> | 10 <sup>9</sup> / <sub>16</sub> | 5 <sup>1</sup> / <sub>4</sub>   | 2 <sup>15</sup> / <sub>32</sub> | 2 <sup>1</sup> / <sub>8</sub>  | 6 <sup>1</sup> / <sub>2</sub>   |
| 2                             | 12 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>4</sub>   | 3 <sup>9</sup> / <sub>16</sub>  | 3                              | 8 <sup>7</sup> / <sub>16</sub>  |

**Mark 9X**

| Size | a                               | b                               | c                             | d                              | e                               |
|------|---------------------------------|---------------------------------|-------------------------------|--------------------------------|---------------------------------|
| 1/2  | 5 <sup>11</sup> / <sub>16</sub> | 2 <sup>29</sup> / <sub>32</sub> | 1 <sup>3</sup> / <sub>4</sub> | 1                              | 3 <sup>5</sup> / <sub>16</sub>  |
| 3/4  | 6 <sup>9</sup> / <sub>32</sub>  | 3 <sup>1</sup> / <sub>16</sub>  | 2                             | 1 <sup>3</sup> / <sub>16</sub> | 3 <sup>15</sup> / <sub>16</sub> |
| 1    | 7 <sup>5</sup> / <sub>16</sub>  | 3 <sup>1</sup> / <sub>2</sub>   | 2 <sup>1</sup> / <sub>4</sub> | 1 <sup>3</sup> / <sub>8</sub>  | 4 <sup>9</sup> / <sub>16</sub>  |

**Crouse-Hinds**  
by **E.T.N.**