

## 1487 Series Pull Through Wireway - NEMA 12



Wireway & Trough

### Application

- Designed to enclose and protect electrical wiring from dirt, dust, oil and water.
- Ideal for connecting machines to control panels or power sources.

### Standards

- UL 870 Type 1 (unless marked<sup>1</sup>)
- CSA Type 1 (unless marked<sup>1</sup>)
- **Complies with**
  - NEMA Type 12
  - JIC EMP-1-1967
  - JIC EGP-1-1967
  - IEC 60529, IP54

### Construction

- Bodies and covers are formed from 14 gauge steel with 10 gauge steel flanges.
- Smooth continuously welded seams.
- Interior surfaces are smooth to prevent wire damage during installation.
- Butt hinged covers are secured with easily operated screw clamps.
- Oil resistant gaskets are permanently secured.
- Solid oil resistant gaskets are used between flanges when sections and fittings are bolted together.
- One gasket kit, complete with hardware is provided with each straight section or fitting.

### Finish

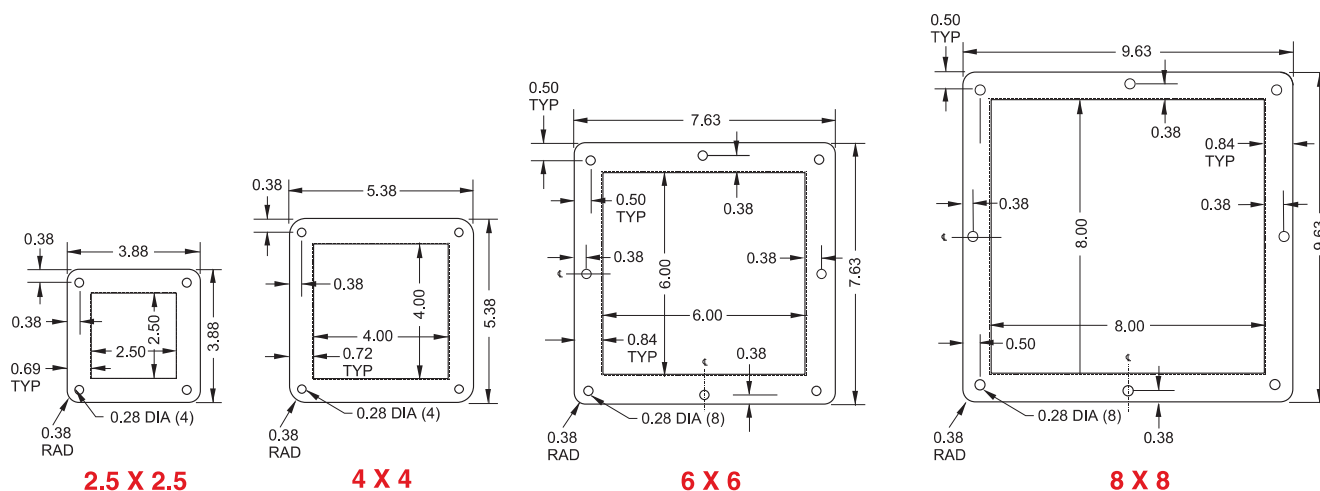
- Sections and fittings are finished in ANSI 61 gray.

Pull Through Wireway

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Wireway & Trough

Pull Through Wireway



| Description                  | 2.5 x 2.5<br>Part No. | 4 x 4<br>Part No.     | 6 x 6<br>Part No.     | 8 x 8<br>Part No.     |
|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 12" Section                  | 1487B12               | 1487C12               | 1487D12               | 1487E12               |
| 24" Section                  | 1487B24               | 1487C24               | 1487D24               | 1487E24               |
| 36" Section                  | 1487B36               | 1487C36               | 1487D36               | 1487E36               |
| 48" Section                  | 1487B48               | 1487C48               | 1487D48               | 1487E48               |
| 60" Section                  | 1487B60               | 1487C60               | 1487D60               | 1487E60               |
| 120" Section                 | 1487B120              | 1487C120              | 1487D120              | 1487E120              |
| 60" Long Partition (Barrier) | —                     | 1487CB60 <sup>1</sup> | 1487DB60 <sup>1</sup> | 1487EB60 <sup>1</sup> |
| 1" Nipple                    | 1487BM1               | 1487CM1               | 1487DM1               | 1487EM1               |
| 2" Nipple                    | 1487BM2               | 1487CM2               | 1487DM2               | 1487EM2               |
| 3" Nipple                    | 1487BM3               | 1487CM3               | 1487DM3               | 1487EM3               |
| 6" Nipple                    | 1487BM6               | 1487CM6               | 1487DM6               | 1487EM6               |
| Box Entry Swivel Nipple      | 1487BV1               | 1487CV1               | 1487DV1               | 1487EV1               |
| Standard Swivel Nipple       | 1487BV2               | 1487CV2               | 1487DV2               | 1487EV2               |
| Flexible Fitting             | 1485BFF <sup>1</sup>  | 1485CFF <sup>1</sup>  | 1485DFF <sup>1</sup>  | 1485EFF <sup>1</sup>  |
| Adjustable Fitting           | 1487BX <sup>1</sup>   | 1487CX <sup>1</sup>   | 1487DX <sup>1</sup>   | 1487EX <sup>1</sup>   |
| Cut-Off Fitting              | 1487BW <sup>1</sup>   | 1487CW <sup>1</sup>   | 1487DW <sup>1</sup>   | 1487EW <sup>1</sup>   |
| 90° Elbow                    | 1487B9P               | 1487C9P               | 1487D9P               | 1487E9P               |
| 45° Elbow                    | 1487B4P               | 1487C4P               | 1487D4P               | 1487E4P               |
| 22.5° Elbow                  | 1487B2P               | 1487C2P               | 1487D2P               | 1487E2P               |
| Tee Fitting                  | 1487BT                | 1487CT                | 1487DT                | 1487ET                |
| Cross Fitting                | 1487BY                | 1487CY                | 1487DY                | 1487EY                |
| <b>Center Hole Reducers</b>  |                       |                       |                       |                       |
| Reducer - 4 x 4 to 2.5 x 2.5 | —                     | 1487CRC <sup>2</sup>  | —                     | —                     |
| Reducer - 6 x 6 to 4 x 4     | —                     | —                     | 1487DRC <sup>2</sup>  | —                     |
| Reducer - 8 x 8 to 4 x 4     | —                     | —                     | —                     | 1487ERCC <sup>2</sup> |
| Reducer - 8 x 8 to 6 x 6     | —                     | —                     | —                     | 1487ERCD <sup>2</sup> |
| <b>Edge Hole Reducers</b>    |                       |                       |                       |                       |
| Reducer 4 x 4 to 2.5 x 2.5   | —                     | 1487CRE <sup>2</sup>  | —                     | —                     |
| Reducer 6 x 6 to 4 x 4       | —                     | —                     | 1487DRE <sup>2</sup>  | —                     |
| Reducer 8 x 8 to 4 x 4       | —                     | —                     | —                     | 1487EREC <sup>2</sup> |
| Reducer 8 x 8 to 6 x 6       | —                     | —                     | —                     | 1487ERED <sup>2</sup> |
| Box Connector                | 1487BK <sup>1</sup>   | 1487CK <sup>1</sup>   | 1487DK <sup>1</sup>   | 1487EK <sup>1</sup>   |
| Drop Hanger                  | 1485BL1 <sup>1</sup>  | 1485CL1 <sup>1</sup>  | 1485DL1 <sup>1</sup>  | 1485EL1 <sup>1</sup>  |
| Bracket Hanger               | 1485BL2 <sup>1</sup>  | 1485CL2 <sup>1</sup>  | 1485DL2 <sup>1</sup>  | 1485EL2 <sup>1</sup>  |
| Cover Plate                  | 1487BH <sup>2</sup>   | 1487CH <sup>2</sup>   | 1487DH <sup>2</sup>   | 1487EH <sup>2</sup>   |
| Gasket & Screws              | 1487BS <sup>1</sup>   | 1487CS <sup>1</sup>   | 1487DS <sup>1</sup>   | 1487ES <sup>1</sup>   |

<sup>1</sup> Does not meet CSA or UL requirements

<sup>2</sup> Maintains ratings on CSA and UL approved wireway

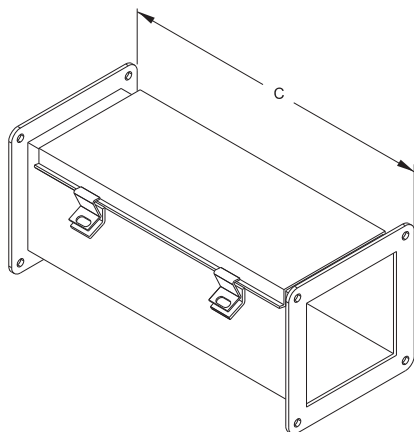
Technical references and CAD downloads available at [www.hammondmfg.com](http://www.hammondmfg.com)

All dimensions in inches unless specified otherwise

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## Typical Straight Section

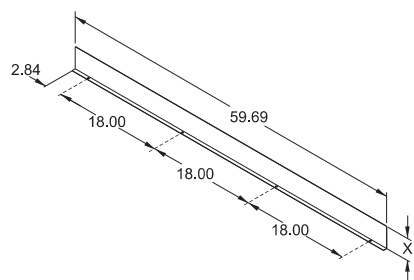


| C=12"<br>Section<br>Part No. | C=24"<br>Section<br>Part No. | C=36"<br>Section<br>Part No. | C=48"<br>Section<br>Part No. | C=60"<br>Section<br>Part No. | C=120"<br>Section<br>Part No. | Size      |
|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|-------------------------------|-----------|
| 1487B12                      | 1487B24                      | 1487B36                      | 1487B48                      | 1487B60                      | 1487B120                      | 2.5 x 2.5 |
| 1487C12                      | 1487C24                      | 1487C36                      | 1487C48                      | 1487C60                      | 1487C120                      | 4 x 4     |
| 1487D12                      | 1487D24                      | 1487D36                      | 1487D48                      | 1487D60                      | 1487D120                      | 6 x 6     |
| 1487E12                      | 1487E24                      | 1487E36                      | 1487E48                      | 1487E60                      | 1487E120                      | 8 x 8     |

One flat sealing plate included

## Partition (Barrier) Kit

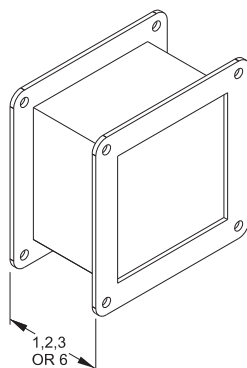
- Divides wireway into two or more compartments. Barriers are fastened to wireway sections with screws.



| Part No. | Size  | X    |
|----------|-------|------|
| 1487CB60 | 4 x 4 | 3.72 |
| 1487DB60 | 6 x 6 | 5.72 |
| 1487EB60 | 8 x 8 | 7.72 |

Does not meet CSA or UL requirements

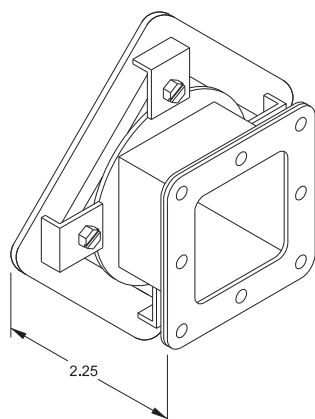
## Typical Nipple



| 1" Nipple<br>Part No. | 2" Nipple<br>Part No. | 3" Nipple<br>Part No. | 6" Nipple<br>Part No. | Size      |
|-----------------------|-----------------------|-----------------------|-----------------------|-----------|
| 1487BM1               | 1487BM2               | 1487BM3               | 1487BM6               | 2.5 x 2.5 |
| 1487CM1               | 1487CM2               | 1487CM3               | 1487CM6               | 4 x 4     |
| 1487DM1               | 1487DM2               | 1487DM3               | 1487DM6               | 6 x 6     |
| 1487EM1               | 1487EM2               | 1487EM3               | 1487EM6               | 8 x 8     |

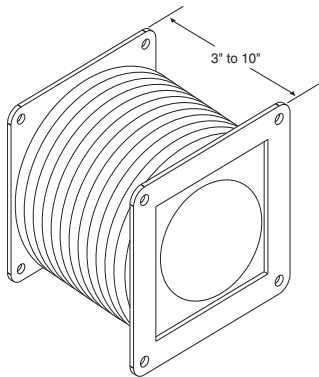
One flat sealing plate included

## Box Entry or Standard Swivel Nipple



| Box Entry Swivel<br>Nipple Part No. | Standard Swivel<br>Nipple Part No. | Size      |
|-------------------------------------|------------------------------------|-----------|
| 1487BV1 <sup>1</sup>                | 1487BV2 <sup>2</sup>               | 2.5 x 2.5 |
| 1487CV1 <sup>1</sup>                | 1487CV2 <sup>2</sup>               | 4 x 4     |
| 1487DV1 <sup>1</sup>                | 1487DV2 <sup>2</sup>               | 6 x 6     |
| 1487EV1 <sup>1</sup>                | 1487EV2 <sup>2</sup>               | 8 x 8     |

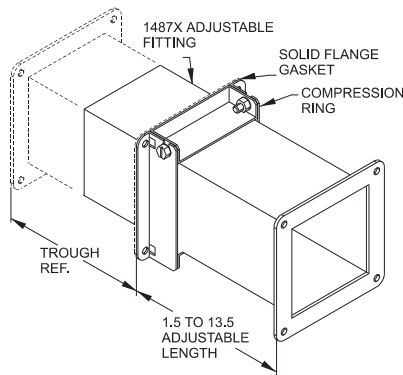
# 1487 Series Pull Through Wireway - NEMA 12



## Flexible Fitting

- Allows for easy alignment of sections or fittings
- Metal flanges
- Flexible synthetic "bellows" middle section

| Part No. | A   | B   |
|----------|-----|-----|
| 1485BFF  | 2.5 | 2.5 |
| 1485CFF  | 4   | 4   |
| 1485DFF  | 6   | 6   |
| 1485EFF  | 8   | 8   |

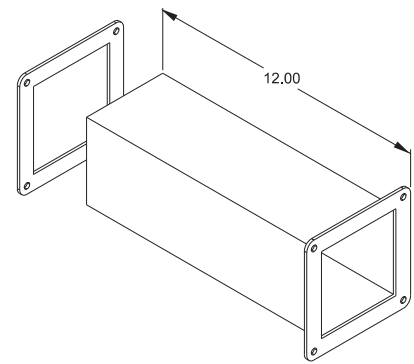


## Adjustable Fitting

- Allows on site length adjustment of 1.5" to 13.5"

| Part No. | Size      |
|----------|-----------|
| 1487BX   | 2.5 x 2.5 |
| 1487CX   | 4 x 4     |
| 1487DX   | 6 x 6     |
| 1487EX   | 8 x 8     |

Does not meet CSA or UL requirements

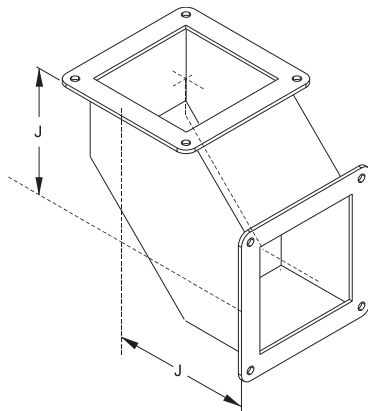


## Cut-Off Fitting (Lay-In)

- Body comes in two pieces. Cut-off one piece, shorten cover, and weld together.
- Includes angle sealing plate.

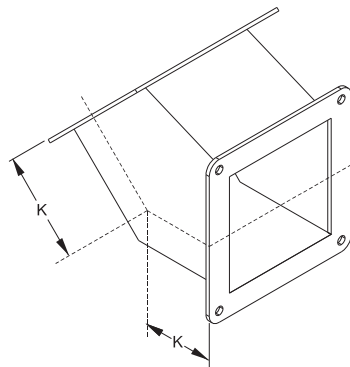
| Part No. | Size      |
|----------|-----------|
| 1487BW   | 2.5 x 2.5 |
| 1487CW   | 4 x 4     |
| 1487DW   | 6 x 6     |
| 1487EW   | 8 x 8     |

Does not meet CSA or UL requirements



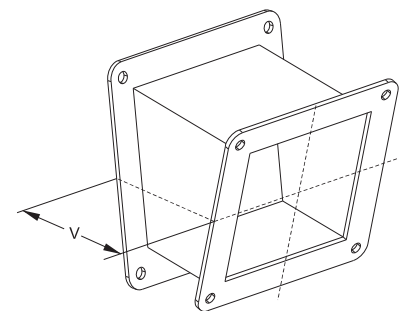
## 90° Elbow

| Part No. | Size      | J    |
|----------|-----------|------|
| 1487B9P  | 2.5 x 2.5 | 4.25 |
| 1487C9P  | 4 x 4     | 5.00 |
| 1487D9P  | 6 x 6     | 6.00 |
| 1487E9P  | 8 x 8     | 7.00 |



## 45° Elbow

| Part No. | Size      | K    |
|----------|-----------|------|
| 1487B4P  | 2.5 x 2.5 | 1.98 |
| 1487C4P  | 4 x 4     | 2.42 |
| 1487D4P  | 6 x 6     | 3.00 |
| 1487E4P  | 8 x 8     | 3.62 |



## 22.5° Elbow

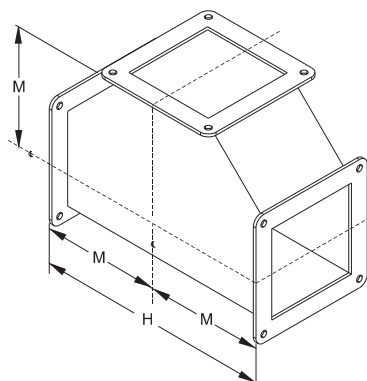
| Part No. | Size      | V    |
|----------|-----------|------|
| 1487B2P  | 2.5 x 2.5 | 3.18 |
| 1487C2P  | 4 x 4     | 3.75 |
| 1487D2P  | 6 x 6     | 4.43 |
| 1487E2P  | 8 x 8     | 5.12 |

Wireway & Trough

Pull Through Wireway

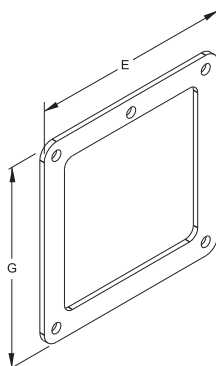
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Wireway & Trough



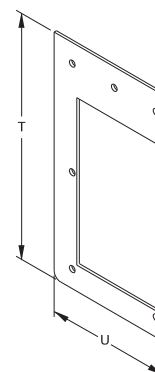
## Tee Fitting

| Part No. | Size      | H     | M    |
|----------|-----------|-------|------|
| 1487BT   | 2.5 x 2.5 | 8.50  | 4.25 |
| 1487CT   | 4 x 4     | 10.00 | 5.00 |
| 1487DT   | 6 x 6     | 12.00 | 6.00 |
| 1487ET   | 8 x 8     | 14.00 | 7.00 |



## Box Connector

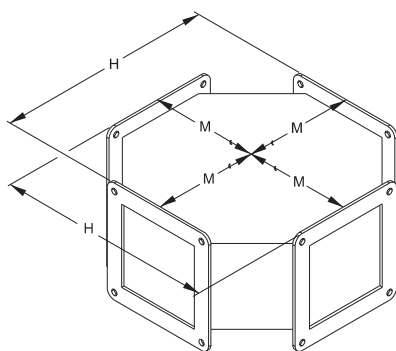
| Part No. | Size      | E    | G    |
|----------|-----------|------|------|
| 1487BK   | 2.5 x 2.5 | 3.87 | 3.87 |
| 1487CK   | 4 x 4     | 5.37 | 5.37 |
| 1487DK   | 6 x 6     | 7.62 | 7.62 |
| 1487EK   | 8 x 8     | 9.62 | 9.62 |



## Drop Hanger

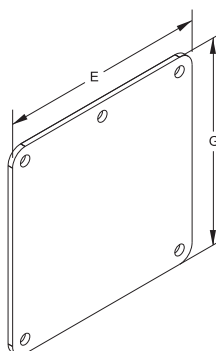
| Part No. | Size      | T     | U     |
|----------|-----------|-------|-------|
| 1485BL1  | 2.5 x 2.5 | 9.25  | 4.50  |
| 1485CL1  | 4 x 4     | 11.75 | 6.00  |
| 1485DL1  | 6 x 6     | 15.25 | 8.12  |
| 1485EL1  | 8 x 8     | 20.56 | 12.12 |

Pull Through Wireway



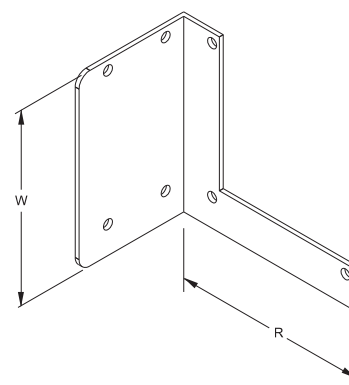
## Cross Fitting

| Part No. | Size      | H     | M    |
|----------|-----------|-------|------|
| 1487BY   | 2.5 x 2.5 | 8.50  | 4.25 |
| 1487CY   | 4 x 4     | 10.00 | 5.00 |
| 1487DY   | 6 x 6     | 12.00 | 6.00 |
| 1487EY   | 8 x 8     | 14.00 | 7.00 |



## Cover Plate

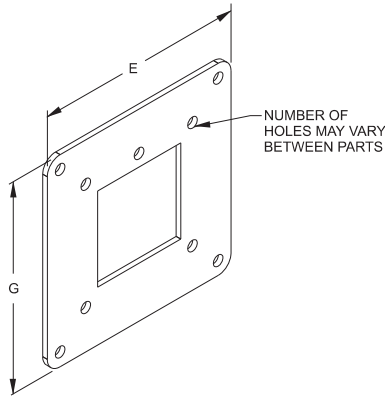
| Part No. | Size      | E    | G    |
|----------|-----------|------|------|
| 1487BH   | 2.5 x 2.5 | 3.87 | 3.87 |
| 1487CH   | 4 x 4     | 5.37 | 5.37 |
| 1487DH   | 6 x 6     | 7.62 | 7.62 |
| 1487EH   | 8 x 8     | 9.62 | 9.62 |



## Bracket Hanger

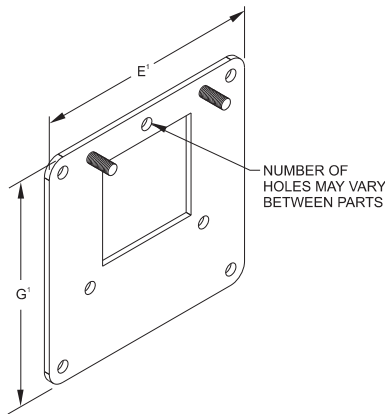
| Part No. | Size      | R     | W    |
|----------|-----------|-------|------|
| 1485BL2  | 2.5 x 2.5 | 4.62  | 4.37 |
| 1485CL2  | 4 x 4     | 6.12  | 5.87 |
| 1485DL2  | 6 x 6     | 8.25  | 7.87 |
| 1485EL2  | 8 x 8     | 10.25 | 9.87 |

## 1487 Series Pull Through Wireway - NEMA 12



### Reducers (Center Hole)

| Part No.        | Reduces from | to        | E    | G    |
|-----------------|--------------|-----------|------|------|
| <b>1487CRC</b>  | 4 x 4        | 2.5 x 2.5 | 5.37 | 5.37 |
| <b>1487DRC</b>  | 6 x 6        | 4 x 4     | 7.62 | 7.62 |
| <b>1487ERCC</b> | 8 x 8        | 4 x 4     | 9.62 | 9.62 |
| <b>1487ERCD</b> | 8 x 8        | 6 x 6     | 9.62 | 9.62 |



### Reducers (Edge Hole)

| Part No.        | Reduces from | to        | E    | G    |
|-----------------|--------------|-----------|------|------|
| <b>1487CRE</b>  | 4 x 4        | 2.5 x 2.5 | 5.37 | 5.37 |
| <b>1487DRE</b>  | 6 x 6        | 4 x 4     | 7.62 | 7.62 |
| <b>1487EREC</b> | 8 x 8        | 4 x 4     | 9.62 | 9.62 |
| <b>1487ERED</b> | 8 x 8        | 6 x 6     | 9.62 | 9.62 |

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[1487EM6](#) [1487EM3](#) [1487EM2](#) [1487EV1](#) [1487EV2](#) [1487C120](#) [1487BT](#) [1487BH](#) [1487BX](#) [1487BY](#) [1487BK](#)  
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