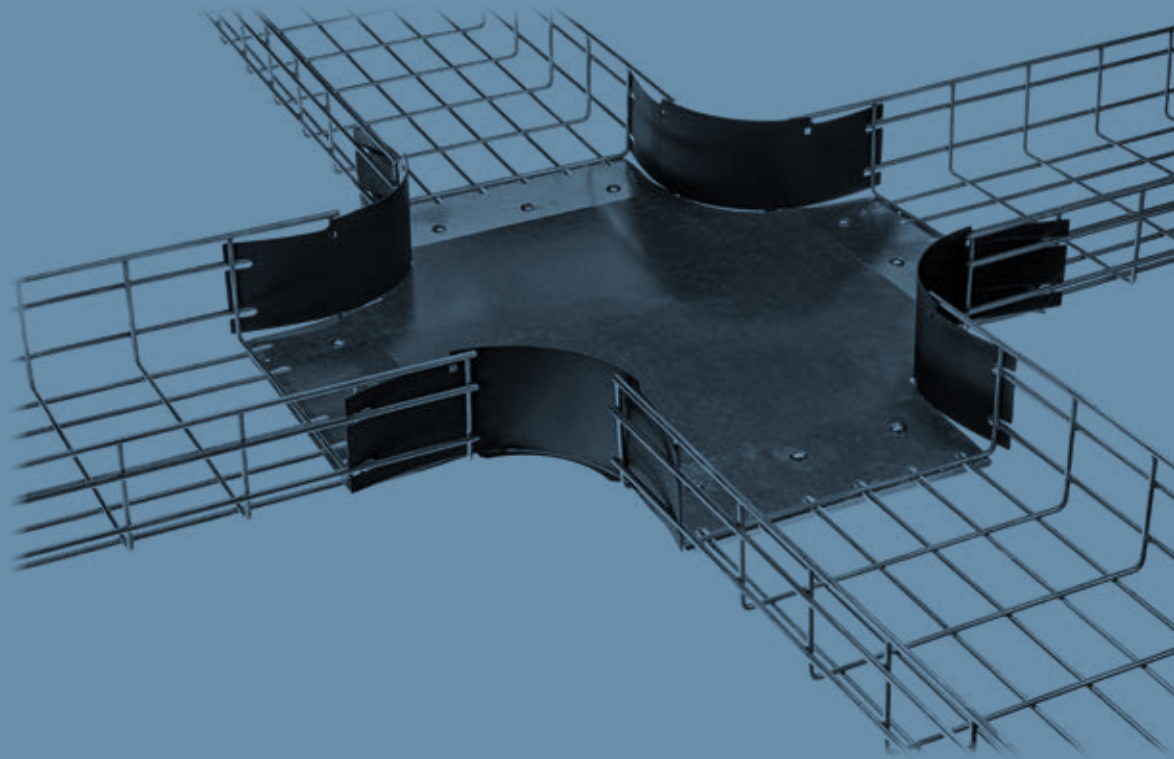


# Wire Basket Tray System Cable Management



Innovative, Flexible, Field-Configurable  
Wire Basket Tray Solutions



# Innovative, Flexible, Field-Configurable Wire Basket Solutions

## Support Broad Range of Applications

Hubbell Wiring Systems offers a comprehensive Wire Basket Tray System to handle every application. From pre-galvanized solutions for commercial controlled interior environments to stainless steel versions for industrial applications such as food processing, marine and highly corrosive environments. Hubbell also features labor savings options including No-Splice supports which also reduce material cost, and Pre-Formed fittings which offer tremendous productivity enhancement to the installer by eliminating field cuts that are required when fittings are formed in the field. Hubbell also offers painted trays in virtually any color needed. The painted tray is masked to reduce on-site paint removal saving time and money. Hubbell Wire Basket Systems are available in overhead and raised floor designs. Complete shipments, job site location palletization and markings, and product customization make Hubbell the choice for every wire basket tray installation.

## Customer Support and Technical Assistance

Hubbell's knowledgeable sales team is just a call away for assistance in selecting the proper type basket tray for any application or providing design assistance including developing a bill of material.

## Pre-Galvanized Finish is Environmentally Friendly

The standard finish for Hubbell Basket Tray is pregalvanized which is a significantly more environment friendly manufacturing process as compared to galvanizing dip. Pre-galvanizing applies a zinc galvanization to the wire PRIOR to fabrication. The galvanized wire then welded and formed into the appropriate basket tray size. Hubbell's pre-galvanized finish performs the same as the post-zinc plated production finish while avoiding secondary chemical processing. A less eco friendly post-fabrication electro-zinc finish is also available for those who require it.

## Sustainable Approach

Hubbell utilizes a sustainable approach to assist in maintaining the environment. Our wire basket systems utilize 100% recycled steel content in the manufacturing of our tray, and are packaged in kraft unbleached packaging. Packaging and strapping materials are recyclable. MillCerts are available upon request to assist in documenting recycled content for possible LEED credits.

### Pre-Galvanized

Wire is galvanized prior to fabrication.

|                                                                                    | Applications           | Specification |
|------------------------------------------------------------------------------------|------------------------|---------------|
|  | • Commercial           | ASTM A641     |
|                                                                                    | • Controlled Interiors |               |

### Stainless Steel ♦

Type 304L and 316S

|                                                                                      | Applications      | Specification |
|--------------------------------------------------------------------------------------|-------------------|---------------|
|  | • Industrial      | ASTM A580     |
|                                                                                      | • Marine          |               |
|                                                                                      | • Food Processing |               |
|                                                                                      | • Outdoor         |               |
|                                                                                      |                   |               |

### Painted Finishes ♦

Powder coat; Black is available as standard.

|                                                                                    | Applications           | Specification |
|------------------------------------------------------------------------------------|------------------------|---------------|
|  | • Data Center          | N/A           |
|                                                                                    | • Controlled Interiors |               |

### Electroplated Zinc ♦

Tray is galvanized after fabrication.

|                                                                                      | Applications           | Specification |
|--------------------------------------------------------------------------------------|------------------------|---------------|
|  | • Commercial           | ASTM B633     |
|                                                                                      | • Controlled Interiors |               |

Note: ♦ Available as a special order.

Hot dip galvanized tray available as special order.

# Round Wire Basket Tray

## Round Cross-Wire Design

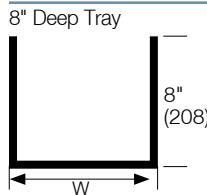
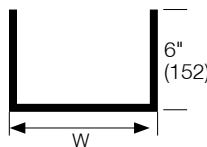
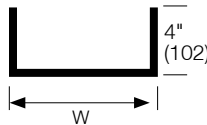
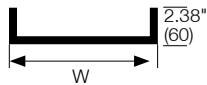
**HUBBELL®**  
Wiring Device-Kellems



### Features

- T-weld construction prevents snags
- 5mm round wire minimum
- High load rating
- Easy to cut and fabricate fittings in the field
- 100% recycled steel
- 2" x 4" mesh opening
- Use factory support hardware or fabricate supports at the job site
- Painted tray includes factory installed masking to ensure proper grounding at splices; no need to remove paint during installation

| 10 Feet per Length<br>118.312" (3m)<br>10 pc. min. order qty.<br>2" Deep Tray | Tray Width  | Load<br>(Lb/ft) | Weight per<br>Length (Lb) | Splice Quantity*   |                    | Finish             |                      |
|-------------------------------------------------------------------------------|-------------|-----------------|---------------------------|--------------------|--------------------|--------------------|----------------------|
|                                                                               |             |                 |                           | 90° Sweep<br>Elbow | Straight<br>Splice | Pre-<br>Galvanized | Black<br>Powder Coat |
|                                                                               | 4" (102)    | 45              | 7                         | 2                  | 2                  | HBT0204            | HBT0204BK            |
|                                                                               | 6" (152) ●  | 50              | 9                         | 3                  | 4                  | HBT0206            | HBT0206BK            |
|                                                                               | 8" (203) ●  | 52              | 10.5                      | 4                  | 4                  | HBT0208            | HBT0208BK            |
|                                                                               | 12" (305) ● | 58              | 12                        | 6                  | 4                  | HBT0212            | HBT0212BK            |
|                                                                               | 16" (406) ● | 70              | 15                        | 7                  | 4                  | HBT0216            | HBT0216BK            |
|                                                                               | 18" (457) ● | 70              | 23                        | 9                  | 4                  | HBT0218            | HBT0218BK            |
|                                                                               | 20" (508) ● | 73              | 25                        | 9                  | 5                  | HBT0220            | HBT0220BK            |
|                                                                               | 22" (559)   | 73              | 27                        | 12                 | 5                  | HBT0222            | HBT0222BK            |
|                                                                               | 24" (610) ● | 75              | 31                        | 12                 | 5                  | HBT0224            | HBT0224BK            |
|                                                                               | 26" (660)   | 73              | 33                        | 13                 | 6                  | HBT0226            | HBT0226BK            |
|                                                                               | 28" (711)   | 73              | 35                        | 14                 | 6                  | HBT0228            | HBT0228BK            |
|                                                                               | 30" (762)   | 70              | 38                        | 15                 | 6                  | HBT0230            | HBT0230BK            |
|                                                                               | 32" (813)   | 70              | 39                        | 16                 | 6                  | HBT0232            | HBT0232BK            |
| 4" Deep Tray                                                                  |             |                 |                           |                    |                    |                    |                      |
|                                                                               | 4" (102)    | 49              | 12                        | 2                  | 4                  | HBT0404            | HBT0404BK            |
|                                                                               | 6" (152) ●  | 49              | 13                        | 3                  | 5                  | HBT0406            | HBT0406BK            |
|                                                                               | 8" (203) ●  | 78              | 15                        | 4                  | 6                  | HBT0408            | HBT0408BK            |
|                                                                               | 12" (305) ● | 78              | 23                        | 6                  | 6                  | HBT0412            | HBT0412BK            |
|                                                                               | 16" (406) ● | 108             | 27                        | 7                  | 7                  | HBT0416            | HBT0416BK            |
|                                                                               | 18" (457) ● | 116             | 29                        | 9                  | 7                  | HBT0418            | HBT0418BK            |
|                                                                               | 20" (508) ● | 116             | 31                        | 9                  | 7                  | HBT0420            | HBT0420BK            |
|                                                                               | 22" (559)   | 116             | 33                        | 12                 | 8                  | HBT0422            | HBT0422BK            |
|                                                                               | 24" (610) ● | 116             | 35                        | 12                 | 8                  | HBT0424            | HBT0424BK            |
|                                                                               | 28" (711)   | 108             | 39                        | 14                 | 9                  | HBT0428            | HBT0428BK            |
| 6" Deep Tray                                                                  |             |                 |                           |                    |                    |                    |                      |
|                                                                               | 8" (203) ●  | 116             | 23                        | 4                  | 6                  | HBT0608            | HBT0608BK            |
|                                                                               | 12" (305) ● | 123             | 27                        | 6                  | 6                  | HBT0612            | HBT0612BK            |
|                                                                               | 16" (406) ● | 123             | 31                        | 7                  | 7                  | HBT0616            | HBT0616BK            |
|                                                                               | 18" (457) ● | 127             | 33                        | 9                  | 7                  | HBT0618            | HBT0618BK            |
|                                                                               | 20" (508)   | 127             | 35                        | 9                  | 7                  | HBT0620            | HBT0620BK            |
|                                                                               | 22" (559) ● | 127             | 37                        | 12                 | 8                  | HBT0622            | HBT0622BK            |
|                                                                               | 24" (610) ● | 150             | 39                        | 12                 | 8                  | HBT0624            | HBT0624BK            |
| 8" Deep Tray                                                                  |             |                 |                           |                    |                    |                    |                      |
|                                                                               | 8" (203) ●  | 116             | 27                        | 4                  | 8                  | HBT0808            | HBT0808BK            |
|                                                                               | 12" (305) ● | 116             | 31                        | 6                  | 8                  | HBT0812            | HBT0812BK            |
|                                                                               | 16" (406) ● | 116             | 35                        | 7                  | 9                  | HBT0816            | HBT0816BK            |
|                                                                               | 18" (457) ● | 116             | 37                        | 9                  | 9                  | HBT0818            | HBT0818BK            |
|                                                                               | 20" (508) ● | 116             | 39                        | 9                  | 9                  | HBT0820            | HBT0820BK            |



Note: ● UL Classified as equipment ground conductor (painted tray cUL Classified only).  
All dimensions are +/- 0.25". Custom paint colors available in addition to Black Powder Coat (Contact Hubbell).  
\*See page 13 for details.  
See page 14 for wire fill and maximum load chart.

### Field Configurable Fittings

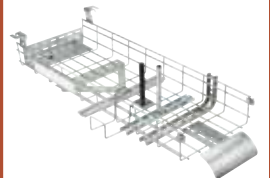


**90° Sweep Elbow**  
Use appropriate quantity of splice Kits



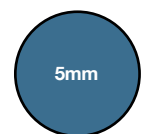
**Tee Fitting**  
Use one HBTCS corner splice per each

### Supports and Hardware



**Ordering Information**  
See page 12

### Wire Diameter



.1969" Dia.  
"Round" Wire Design

# Electroplated Zinc Wire Basket Tray

## Round Cross-Wire Design



### Features

- T-weld construction prevents snags
- 5mm round wire minimum
- High load rating
- Easy to cut and fabricate fittings in the field
- 2" x 4" mesh opening
- Use factory support hardware or fabricate supports at the job site
- Electroplated zinc galvanized (post plated) made from carbon steel and plated to ASTM B 633, Type III, SC-1

### Field Configurable Fittings



#### 90° Sweep Elbow

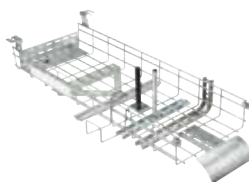
Use appropriate quantity of splice Kits



#### Tee Fitting

Use one HBTCS corner splice per each

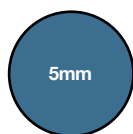
### Supports and Hardware



#### Ordering Information

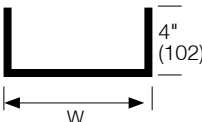
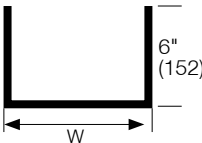
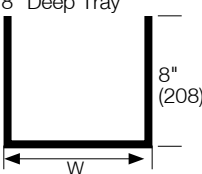
See page 12

### Wire Diameter



.1969" Dia.

"Round" Wire Design

| 10 Feet per Length<br>118.312" (3m)<br>10 pc. min. order qty.<br>2" Deep Tray       | Tray Width  | Load<br>(Lb/ft) | Weight per<br>Length (Lb) | Splice Quantity*   |                    | Finish             |
|-------------------------------------------------------------------------------------|-------------|-----------------|---------------------------|--------------------|--------------------|--------------------|
|                                                                                     |             |                 |                           | 90° Sweep<br>Elbow | Straight<br>Splice | Electroplated Zinc |
|    | 4" (102)    | 45              | 7                         | 2                  | 2                  | <b>HBT0204ZP</b>   |
|                                                                                     | 6" (152) ●  | 50              | 9                         | 3                  | 4                  | <b>HBT0206ZP</b>   |
|                                                                                     | 8" (203) ●  | 52              | 10.5                      | 4                  | 4                  | <b>HBT0208ZP</b>   |
|                                                                                     | 12" (305) ● | 58              | 12                        | 6                  | 4                  | <b>HBT0212ZP</b>   |
|                                                                                     | 16" (406) ● | 70              | 15                        | 7                  | 4                  | <b>HBT0216ZP</b>   |
|                                                                                     | 18" (457) ● | 70              | 23                        | 9                  | 4                  | <b>HBT0218ZP</b>   |
|                                                                                     | 20" (508) ● | 73              | 25                        | 9                  | 5                  | <b>HBT0220ZP</b>   |
|                                                                                     | 22" (559)   | 73              | 27                        | 12                 | 5                  | <b>HBT0222ZP</b>   |
|                                                                                     | 24" (610) ● | 75              | 31                        | 12                 | 5                  | <b>HBT0224ZP</b>   |
|                                                                                     | 26" (660)   | 73              | 33                        | 13                 | 6                  | <b>HBT0226ZP</b>   |
|                                                                                     | 28" (711)   | 73              | 35                        | 14                 | 6                  | <b>HBT0228ZP</b>   |
|                                                                                     | 30" (762)   | 70              | 38                        | 15                 | 6                  | <b>HBT0230ZP</b>   |
|  | 32" (813)   | 70              | 39                        | 16                 | 6                  | <b>HBT0232ZP</b>   |
|                                                                                     | 4" (102)    | 49              | 12                        | 2                  | 4                  | <b>HBT0404ZP</b>   |
|                                                                                     | 6" (152) ●  | 49              | 13                        | 3                  | 5                  | <b>HBT0406ZP</b>   |
|                                                                                     | 8" (203) ●  | 78              | 15                        | 4                  | 6                  | <b>HBT0408ZP</b>   |
|                                                                                     | 12" (305) ● | 78              | 23                        | 6                  | 6                  | <b>HBT0412ZP</b>   |
|                                                                                     | 16" (406) ● | 108             | 27                        | 7                  | 7                  | <b>HBT0416ZP</b>   |
|                                                                                     | 18" (457) ● | 116             | 29                        | 9                  | 7                  | <b>HBT0418ZP</b>   |
|                                                                                     | 20" (508) ● | 116             | 31                        | 9                  | 7                  | <b>HBT0420ZP</b>   |
|                                                                                     | 22" (559)   | 116             | 33                        | 12                 | 8                  | <b>HBT0422ZP</b>   |
|                                                                                     | 24" (610) ● | 116             | 35                        | 12                 | 8                  | <b>HBT0424ZP</b>   |
|  | 28" (711)   | 108             | 39                        | 14                 | 9                  | <b>HBT0428ZP</b>   |
|                                                                                     | 8" (203) ●  | 116             | 23                        | 4                  | 6                  | <b>HBT0608ZP</b>   |
|                                                                                     | 12" (305) ● | 123             | 27                        | 6                  | 6                  | <b>HBT0612ZP</b>   |
|                                                                                     | 16" (406) ● | 123             | 31                        | 7                  | 7                  | <b>HBT0616ZP</b>   |
|                                                                                     | 18" (457) ● | 127             | 33                        | 9                  | 7                  | <b>HBT0618ZP</b>   |
|                                                                                     | 20" (508) ● | 127             | 35                        | 9                  | 7                  | <b>HBT0620ZP</b>   |
|                                                                                     | 22" (559) ● | 127             | 37                        | 12                 | 8                  | <b>HBT0622ZP</b>   |
|                                                                                     | 24" (610) ● | 150             | 39                        | 12                 | 8                  | <b>HBT0624ZP</b>   |
|  | 8" (203) ●  | 116             | 27                        | 4                  | 8                  | <b>HBT0808ZP</b>   |
|                                                                                     | 12" (305) ● | 116             | 31                        | 6                  | 8                  | <b>HBT0812ZP</b>   |
|                                                                                     | 16" (406) ● | 116             | 35                        | 7                  | 9                  | <b>HBT0816ZP</b>   |
|                                                                                     | 18" (457) ● | 116             | 37                        | 9                  | 9                  | <b>HBT0818ZP</b>   |
|                                                                                     | 20" (508) ● | 116             | 39                        | 9                  | 9                  | <b>HBT0820ZP</b>   |

Note: ● UL Classified/cUL Classified as equipment ground conductor.

All dimensions are +/- 0.25".

\*See page 13 for details.

See page 14 for wire fill and maximum load chart.

# Flat Style Wire Basket Tray

## Flat Cross-Wire Design

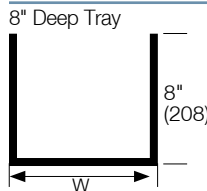
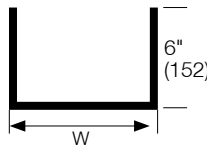
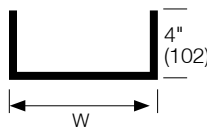
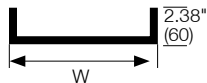
**HUBBELL®**  
Wiring Device-Kellems



### Features

- Flat shaped cross-wires provide significantly more surface area to support weight of cables
- Flat ribs provide 400% more surface area and reduce stress on cables by 60%
- 100% recycled steel
- 2" x 4" mesh opening
- Reduction in stress helps maintain Cat 6 and Cat 6A performance
- Cuts and configures the same as round wire tray
- Uses the same splicing and mounting hardware as round wire tray

| 10 Feet per Length<br>118.312" (3m)<br>10 pc. min. order qty.<br>2" Deep Tray | Tray Width  | Load<br>(Lb/ft) | Weight per<br>Length (Lb) | Splice Quantity*   |                    | Finish             |                      |
|-------------------------------------------------------------------------------|-------------|-----------------|---------------------------|--------------------|--------------------|--------------------|----------------------|
|                                                                               |             |                 |                           | 90° Sweep<br>Elbow | Straight<br>Splice | Pre-<br>Galvanized | Black<br>Powder Coat |
|                                                                               | 4" (102)    | 45              | 7                         | 2                  | 2                  | HBT0204S           | HBT0204SBK           |
|                                                                               | 6" (152) ●  | 50              | 9                         | 3                  | 4                  | HBT0206S           | HBT0206SBK           |
|                                                                               | 8" (203) ●  | 52              | 10.5                      | 4                  | 4                  | HBT0208S           | HBT0208SBK           |
|                                                                               | 12" (305) ● | 58              | 12                        | 6                  | 4                  | HBT0212S           | HBT0212SBK           |
|                                                                               | 16" (406) ● | 70              | 15                        | 7                  | 4                  | HBT0216S           | HBT0216SBK           |
|                                                                               | 18" (457) ● | 70              | 23                        | 9                  | 4                  | HBT0218S           | HBT0218SBK           |
|                                                                               | 20" (508) ● | 73              | 25                        | 9                  | 5                  | HBT0220S           | HBT0220SBK           |
|                                                                               | 22" (559)   | 73              | 27                        | 12                 | 5                  | HBT0222S           | HBT0222SBK           |
|                                                                               | 24" (610) ● | 75              | 31                        | 12                 | 5                  | HBT0224S           | HBT0224SBK           |
|                                                                               | 26" (660)   | 73              | 33                        | 13                 | 6                  | HBT0226S           | HBT0226SBK           |
|                                                                               | 28" (711)   | 73              | 35                        | 14                 | 6                  | HBT0228S           | HBT0228SBK           |
|                                                                               | 30" (762)   | 70              | 38                        | 15                 | 6                  | HBT0230S           | HBT0230SBK           |
|                                                                               | 32" (813)   | 70              | 39                        | 16                 | 6                  | HBT0232S           | HBT0232SBK           |
| 4" Deep Tray                                                                  | 4" (102)    | 49              | 12                        | 2                  | 4                  | HBT0404S           | HBT0404SBK           |
|                                                                               | 6" (152) ●  | 49              | 13                        | 3                  | 5                  | HBT0406S           | HBT0406SBK           |
|                                                                               | 8" (203) ●  | 78              | 15                        | 4                  | 6                  | HBT0408S           | HBT0408SBK           |
|                                                                               | 12" (305) ● | 78              | 23                        | 6                  | 6                  | HBT0412S           | HBT0412SBK           |
|                                                                               | 16" (406) ● | 108             | 27                        | 7                  | 7                  | HBT0416S           | HBT0416SBK           |
|                                                                               | 18" (457) ● | 116             | 29                        | 9                  | 7                  | HBT0418S           | HBT0418SBK           |
|                                                                               | 20" (508) ● | 116             | 31                        | 9                  | 7                  | HBT0420S           | HBT0420SBK           |
|                                                                               | 22" (559)   | 116             | 33                        | 12                 | 8                  | HBT0422S           | HBT0422SBK           |
|                                                                               | 24" (610) ● | 116             | 35                        | 12                 | 8                  | HBT0424S           | HBT0424SBK           |
| 6" Deep Tray                                                                  | 8" (203) ●  | 116             | 23                        | 4                  | 6                  | HBT0608S           | HBT0608SBK           |
|                                                                               | 12" (305) ● | 123             | 27                        | 6                  | 6                  | HBT0612S           | HBT0612SBK           |
|                                                                               | 16" (406) ● | 123             | 31                        | 7                  | 7                  | HBT0616S           | HBT0616SBK           |
|                                                                               | 18" (457) ● | 127             | 33                        | 9                  | 7                  | HBT0618S           | HBT0618SBK           |
|                                                                               | 20" (508)   | 127             | 35                        | 9                  | 7                  | HBT0620S           | HBT0620SBK           |
|                                                                               | 22" (559) ● | 127             | 37                        | 12                 | 8                  | HBT0622S           | HBT0622SBK           |
|                                                                               | 24" (610) ● | 150             | 39                        | 12                 | 8                  | HBT0624S           | HBT0624SBK           |
| 8" Deep Tray                                                                  | 8" (203) ●  | 116             | 27                        | 4                  | 8                  | HBT0808S           | HBT0808SBK           |
|                                                                               | 12" (305) ● | 116             | 31                        | 6                  | 8                  | HBT0812S           | HBT0812SBK           |
|                                                                               | 16" (406) ● | 116             | 35                        | 7                  | 9                  | HBT0816S           | HBT0816SBK           |
|                                                                               | 18" (457) ● | 116             | 37                        | 9                  | 9                  | HBT0818S           | HBT0818SBK           |
|                                                                               | 20" (508) ● | 116             | 39                        | 9                  | 9                  | HBT0820S           | HBT0820SBK           |



Note: ● UL Classified as equipment ground conductor (painted tray cUL Classified only).  
All dimensions are +/- 0.25". Custom paint colors available in addition to Black Powder Coat (Contact Hubbell).  
\*See page 13 for details.  
See page 14 for wire fill and maximum load chart.

### Field Configurable Fittings

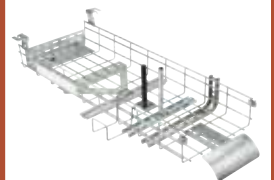


**90° Sweep Elbow**  
Use appropriate quantity of splice Kits



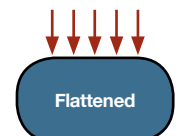
**Tee Fitting**  
Use one HBTCS corner splice per each

### Supports and Hardware



**Ordering Information**  
See page 12

### Cable Support Area



.03125 sq. inch  
"Flat" Wire Design  
(based on .125" dia. cable)

# Stainless Steel Wire Basket Tray

## Round Cross-Wire Design



### Features

- Type 304L and 316S stainless steel
- Meets ASTM A580 specifications
- 4.5mm round wire minimum
- Stainless splice kits and ceiling supports are available

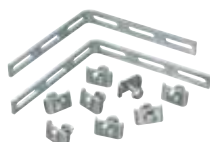
### Applications

- Food processing
- Wash down areas
- Corrosive environments
- Outdoor installations
- Marine

### Stainless Steel Accessories Available



**HBTSSKSS**  
Splice Kits



**HBTCSSS**  
Corner Splice



**HBTWSSS**  
Washer Support



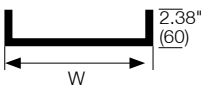
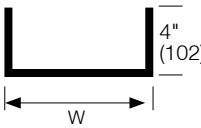
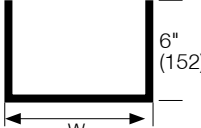
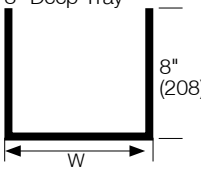
**HBTNBSS**  
1/4" x 20 Nuts and Bolts

**Ordering Information**  
See page 12

### Wire Diameter



.1772" Dia.  
"Round" Wire Design

| 10 Feet per Length<br>118.312" (3m)<br>10 pc. min. order qty.                                       | Tray Width | Load<br>(Lb/ft) | Weight per<br>Length (Lb) | Splice Quantity*   |                    | Round             |                   |
|-----------------------------------------------------------------------------------------------------|------------|-----------------|---------------------------|--------------------|--------------------|-------------------|-------------------|
|                                                                                                     |            |                 |                           | 90° Sweep<br>Elbow | Straight<br>Splice | Type 304L         | Type 316S         |
| 2" Deep Tray<br>   | 4" (102)   | 45              | 7                         | 2                  | 2                  | <b>HBT0204S04</b> | <b>HBT0204S16</b> |
|                                                                                                     | 6" (152)   | 50              | 9                         | 3                  | 4                  | <b>HBT0206S04</b> | <b>HBT0206S16</b> |
|                                                                                                     | 8" (203)   | 52              | 10.5                      | 4                  | 4                  | <b>HBT0208S04</b> | <b>HBT0208S16</b> |
|                                                                                                     | 12" (305)  | 58              | 12                        | 6                  | 4                  | <b>HBT0212S04</b> | <b>HBT0212S16</b> |
|                                                                                                     | 16" (406)  | 70              | 15                        | 7                  | 4                  | <b>HBT0216S04</b> | <b>HBT0216S16</b> |
|                                                                                                     | 18" (457)  | 70              | 23                        | 9                  | 4                  | <b>HBT0218S04</b> | <b>HBT0218S16</b> |
|                                                                                                     | 20" (508)  | 73              | 25                        | 9                  | 5                  | <b>HBT0220S04</b> | <b>HBT0220S16</b> |
|                                                                                                     | 22" (559)  | 73              | 27                        | 12                 | 5                  | <b>HBT0222S04</b> | <b>HBT0222S16</b> |
|                                                                                                     | 24" (610)  | 75              | 31                        | 12                 | 5                  | <b>HBT0224S04</b> | <b>HBT0224S16</b> |
|                                                                                                     | 26" (660)  | 73              | 33                        | 13                 | 6                  | <b>HBT0226S04</b> | <b>HBT0226S16</b> |
|                                                                                                     | 28" (711)  | 73              | 35                        | 14                 | 6                  | <b>HBT0228S04</b> | <b>HBT0228S16</b> |
|                                                                                                     | 30" (762)  | 70              | 38                        | 15                 | 6                  | <b>HBT0230S04</b> | <b>HBT0230S16</b> |
|                                                                                                     | 32" (813)  | 70              | 39                        | 16                 | 6                  | <b>HBT0232S04</b> | <b>HBT0232S16</b> |
| 4" Deep Tray<br> | 4" (102)   | 49              | 12                        | 2                  | 4                  | <b>HBT0404S04</b> | <b>HBT0404S16</b> |
|                                                                                                     | 6" (152)   | 49              | 13                        | 3                  | 5                  | <b>HBT0406S04</b> | <b>HBT0406S16</b> |
|                                                                                                     | 8" (203)   | 78              | 15                        | 4                  | 6                  | <b>HBT0408S04</b> | <b>HBT0408S16</b> |
|                                                                                                     | 12" (305)  | 78              | 23                        | 6                  | 6                  | <b>HBT0412S04</b> | <b>HBT0412S16</b> |
|                                                                                                     | 16" (406)  | 108             | 27                        | 7                  | 7                  | <b>HBT0416S04</b> | <b>HBT0416S16</b> |
|                                                                                                     | 18" (457)  | 116             | 29                        | 9                  | 7                  | <b>HBT0418S04</b> | <b>HBT0418S16</b> |
|                                                                                                     | 20" (508)  | 116             | 31                        | 9                  | 7                  | <b>HBT0420S04</b> | <b>HBT0420S16</b> |
|                                                                                                     | 22" (559)  | 116             | 33                        | 12                 | 8                  | <b>HBT0422S04</b> | <b>HBT0422S16</b> |
|                                                                                                     | 24" (610)  | 116             | 35                        | 12                 | 8                  | <b>HBT0424S04</b> | <b>HBT0424S16</b> |
|                                                                                                     | 28" (711)  | 108             | 39                        | 14                 | 9                  | <b>HBT0428S04</b> | <b>HBT0428S16</b> |
| 6" Deep Tray<br> | 8" (203)   | 116             | 23                        | 4                  | 6                  | <b>HBT0608S04</b> | <b>HBT0608S16</b> |
|                                                                                                     | 12" (305)  | 123             | 27                        | 6                  | 6                  | <b>HBT0612S04</b> | <b>HBT0612S16</b> |
|                                                                                                     | 16" (406)  | 123             | 31                        | 7                  | 7                  | <b>HBT0616S04</b> | <b>HBT0616S16</b> |
|                                                                                                     | 18" (457)  | 127             | 33                        | 9                  | 7                  | <b>HBT0618S04</b> | <b>HBT0618S16</b> |
|                                                                                                     | 20" (508)  | 127             | 35                        | 9                  | 7                  | <b>HBT0620S04</b> | <b>HBT0620S16</b> |
|                                                                                                     | 22" (559)  | 127             | 37                        | 12                 | 8                  | <b>HBT0622S04</b> | <b>HBT0622S16</b> |
|                                                                                                     | 24" (610)  | 150             | 39                        | 12                 | 8                  | <b>HBT0624S04</b> | <b>HBT0624S16</b> |
| 8" Deep Tray<br> | 8" (203)   | 116             | 27                        | 4                  | 8                  | <b>HBT0808S04</b> | <b>HBT0808S16</b> |
|                                                                                                     | 12" (305)  | 116             | 31                        | 6                  | 8                  | <b>HBT0812S04</b> | <b>HBT0812S16</b> |
|                                                                                                     | 16" (406)  | 116             | 35                        | 7                  | 9                  | <b>HBT0816S04</b> | <b>HBT0816S16</b> |
|                                                                                                     | 18" (457)  | 116             | 37                        | 9                  | 9                  | <b>HBT0818S04</b> | <b>HBT0818S16</b> |
|                                                                                                     | 20" (508)  | 116             | 39                        | 9                  | 9                  | <b>HBT0820S04</b> | <b>HBT0820S16</b> |

Note: All dimensions are +/- 0.25".

\*See page 13 for details.

See page 14 for wire fill and maximum load chart.

# Under Floor Wire Basket Tray

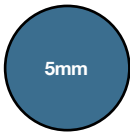
## Round Cross-Wire Design

**HUBBELL®**  
Wiring Device-Kellems

### Features

- T-weld construction prevents snags
- 5mm round wire on smaller sizes
- 100% recycled steel
- Use factory support hardware or fabricate supports on the job site
- 2" x 4" mesh opening

### Wire Diameter



.1969" Dia.  
"Round" Wire Design

HBTU002424

| Tray Height  | Tray Width | Tray Length |             |             |
|--------------|------------|-------------|-------------|-------------|
|              |            | 24" (610)   | 48" (1,220) | 72" (1,829) |
| 2" Deep Tray | 6" (152)   | HBTU020624  | HBTU020648  | HBTU020672  |
|              | 12" (305)  | HBTU021224  | HBTU021248  | HBTU021272  |
|              | 24" (610)  | HBTU022424  | HBTU022448  | HBTU022472  |
| 4" Deep Tray | 6" (152)   | HBTU040624  | HBTU040648  | HBTU040672  |
|              | 12" (305)  | HBTU041224  | HBTU041248  | HBTU041272  |
|              | 24" (610)  | HBTU042424  | HBTU042448  | HBTU042472  |
| 6" Deep Tray | 6" (152)   | HBTU060624  | HBTU060648  | HBTU060672  |
|              | 12" (305)  | HBTU061224  | HBTU061248  | HBTU061272  |
|              | 24" (610)  | HBTU062424  | HBTU062448  | HBTU062472  |
| 8" Deep Tray | 6" (152)   | —           | —           | —           |
|              | 12" (305)  | HBTU081224  | HBTU081248  | HBTU081272  |
|              | 20" (610)  | HBTU082024  | HBTU082048  | HBTU082072  |
| Flat         | 24" (610)  | HBTU002424  | —           | —           |

Note: Tray UL Classified as equipment ground conductor.

### Splice Hardware

| Description                                                                                                                                                               | Finish                           | Catalog Number      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------|
| <b>Kit, Pedestal</b><br>(2) HBTUPC and<br>(1) Cross bar                                                                                                                   | Pre-Galvanized                   | HBTUPK              |
| <b>C-Bracket</b><br>6" Tier<br>12" Tier                                                                                                                                   | Pre-Galvanized<br>Pre-Galvanized | HBTUCB6<br>HBTUCB12 |
| <b>U-Clamp, Pedestal</b><br>(1) Clamp                                                                                                                                     | Pre-Galvanized                   | HBTUPC              |
| <b>Tray Grounding Fasteners</b><br>Washer supports HBTWS<br>and ¼" - 20 self threading<br>screws; 50 per box<br>Required when installing<br>under floor wire basket tray. | Zinc Plated                      | HBTUGS              |
| <b>Intersection Supports</b><br>For use with HBTUSUPP<br>series support                                                                                                   | Pre-Galvanized                   | HBTUFIT             |
| <b>Vertical Up</b>                                                                                                                                                        | Pre-Galvanized                   | HBTUVU              |

### Supports

| Support Height | Support Width | Finish         | Catalog Number |
|----------------|---------------|----------------|----------------|
| 4" (102)       | 22" (559)     | Pre-Galvanized | HBTUSUPP4      |
| 6" (152)       | 22" (559)     | Pre-Galvanized | HBTUSUPP6      |
| 8" (203)       | 22" (559)     | Pre-Galvanized | HBTUSUPP8      |
| 10" (254)      | 22" (559)     | Pre-Galvanized | HBTUSUPP10     |
| 12" (305)      | 22" (559)     | Pre-Galvanized | HBTUSUPP12     |
| 14" (356)      | 22" (559)     | Pre-Galvanized | HBTUSUPP14     |
| 16" (406)      | 22" (559)     | Pre-Galvanized | HBTUSUPP16     |
| 18" (457)      | 22" (559)     | Pre-Galvanized | HBTUSUPP18     |
| 20" (508)      | 22" (559)     | Pre-Galvanized | HBTUSUPP20     |
| 22" (559)      | 22" (559)     | Pre-Galvanized | HBTUSUPP22     |
| 24" (610)      | 22" (559)     | Pre-Galvanized | HBTUSUPP24     |
| 26" (660)      | 22" (559)     | Pre-Galvanized | HBTUSUPP26     |
| 28" (711)      | 22" (559)     | Pre-Galvanized | HBTUSUPP28     |
| 30" (762)      | 22" (559)     | Pre-Galvanized | HBTUSUPP30     |

Note: See page 10 for L-brackets and C-brackets.  
See page 14 for wire fill and maximum load chart.

## Accessories for Wire Basket Tray

### Pre-Formed Fittings



1. Splicing hardware included



2. Attach first tray with washer support and 1/4\"-20 nut and bolt



3. Washer support secured to tray



4. Attach second tray

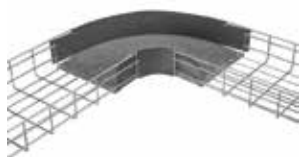


5. Install is complete

### Installation Efficiency

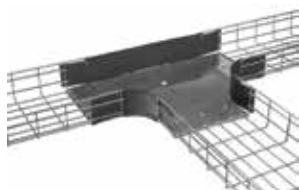
Hubbell pre-formed fittings are time and cost effective solutions to installing 90 degree radius, Tees and Intersections, no cutting and no configuring. Hubbell offers Pre-galvanized or Black powder painted finishes. The fittings simply attach at the Intersections Tees or junctions when you want a radius bend. The fittings are manufactured precisely to the basket tray being utilized providing a clean engineered solution.

Installation of Hubbell pre-formed fittings can reduce installation configurations from hours to a few minutes. Labor and time savings can exceed 90% plus versus traditional cutting and splicing. Pre-formed fittings ensure a consistent installation every time and also avoids the sharp wire edges caused during the cutting process. Standard Hubbell pre-formed fittings consist of a pregalvanized base with black polymer sides and splicing hardware.



### 90 Degree Radius

| Tray Width | Traditional Configuration | Hubbell Pre-Formed Fittings | Time Savings |
|------------|---------------------------|-----------------------------|--------------|
| 2 x 8      | 7 Minutes                 | 1 Minute                    | 85%          |
| 4 x 12     | 20 Minutes                | 2 Minutes                   | 90%          |



### Tee

| Tray Width | Traditional Configuration | Hubbell Pre-Formed Fittings | Time Savings |
|------------|---------------------------|-----------------------------|--------------|
| 4 x 12     | 8 Minutes, 45 seconds     | 2 Minutes, 30 seconds       | 70%          |
| 4 x 18     | 10 Minutes                | 2 Minutes, 30 seconds       | 74%          |



### Intersection

| Tray Width | Traditional Configuration | Hubbell Pre-Formed Fittings | Time Savings |
|------------|---------------------------|-----------------------------|--------------|
| 6 x 24     | 29 Minutes                | 4 Minutes, 45 seconds       | 83%          |

# Accessories for Wire Basket Tray

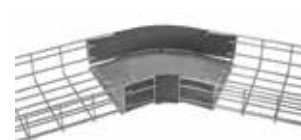
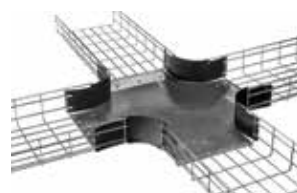
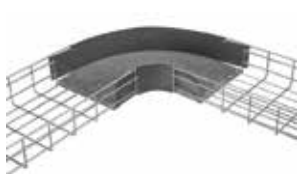
## Pre-Formed Fittings

**HUBBELL®**  
Wiring Device-Kellems



### Features

- Labor and time savings
- Consistent installations
- For round and flat tray
- Steel pre-galvanized bases
- Interlocking polymer side walls
- Splicing hardware included



| Tray Size     | Tray Width | 90 Degree       | Tee             | Intersection    | 45 Degree        | 30 Degree        |
|---------------|------------|-----------------|-----------------|-----------------|------------------|------------------|
| 2" (51) Deep  | 4"(102)    | <b>HBTR0204</b> | <b>HBTT0204</b> | <b>HBTI0204</b> | <b>HBT450204</b> | <b>HBT300204</b> |
|               | 6"(152)    | <b>HBTR0206</b> | <b>HBTT0206</b> | <b>HBTI0206</b> | <b>HBT450206</b> | <b>HBT300206</b> |
|               | 8"(203)    | <b>HBTR0208</b> | <b>HBTT0208</b> | <b>HBTI0208</b> | <b>HBT450208</b> | <b>HBT300208</b> |
|               | 12"(305)   | <b>HBTR0212</b> | <b>HBTT0212</b> | <b>HBTI0212</b> | <b>HBT450212</b> | <b>HBT300212</b> |
|               | 16"(406)   | <b>HBTR0216</b> | <b>HBTT0216</b> | <b>HBTI0216</b> | <b>HBT450216</b> | <b>HBT300216</b> |
|               | 18"(457)   | <b>HBTR0218</b> | <b>HBTT0218</b> | <b>HBTI0218</b> | <b>HBT450218</b> | <b>HBT300218</b> |
|               | 20"(508)   | <b>HBTR0220</b> | <b>HBTT0220</b> | <b>HBTI0220</b> | <b>HBT450220</b> | <b>HBT300220</b> |
|               | 24"(610)   | <b>HBTR0224</b> | <b>HBTT0224</b> | <b>HBTI0224</b> | <b>HBT450224</b> | <b>HBT300224</b> |
| 4" (102) Deep | 4"(102)    | <b>HBTR0404</b> | <b>HBTT0404</b> | <b>HBTI0404</b> | <b>HBT450404</b> | <b>HBT300404</b> |
|               | 6"(152)    | <b>HBTR0406</b> | <b>HBTT0406</b> | <b>HBTI0406</b> | <b>HBT450406</b> | <b>HBT300406</b> |
|               | 8"(203)    | <b>HBTR0408</b> | <b>HBTT0408</b> | <b>HBTI0408</b> | <b>HBT450408</b> | <b>HBT300408</b> |
|               | 12"(305)   | <b>HBTR0412</b> | <b>HBTT0412</b> | <b>HBTI0412</b> | <b>HBT450412</b> | <b>HBT300412</b> |
|               | 16"(406)   | <b>HBTR0416</b> | <b>HBTT0416</b> | <b>HBTI0416</b> | <b>HBT450416</b> | <b>HBT300416</b> |
|               | 18"(457)   | <b>HBTR0418</b> | <b>HBTT0418</b> | <b>HBTI0418</b> | <b>HBT450418</b> | <b>HBT300418</b> |
|               | 20"(508)   | <b>HBTR0420</b> | <b>HBTT0420</b> | <b>HBTI0420</b> | <b>HBT450420</b> | <b>HBT300420</b> |
|               | 24"(610)   | <b>HBTR0424</b> | <b>HBTT0424</b> | <b>HBTI0424</b> | <b>HBT450424</b> | <b>HBT300424</b> |
| 6" (152) Deep | 8"(203)    | <b>HBTR0608</b> | <b>HBTT0608</b> | <b>HBTI0608</b> | <b>HBT450608</b> | <b>HBT300608</b> |
|               | 12"(305)   | <b>HBTR0612</b> | <b>HBTT0612</b> | <b>HBTI0612</b> | <b>HBT450612</b> | <b>HBT300612</b> |
|               | 16"(406)   | <b>HBTR0616</b> | <b>HBTT0616</b> | <b>HBTI0616</b> | <b>HBT450616</b> | <b>HBT300616</b> |
|               | 18"(457)   | <b>HBTR0618</b> | <b>HBTT0618</b> | <b>HBTI0618</b> | <b>HBT450618</b> | <b>HBT300618</b> |
|               | 20"(508)   | <b>HBTR0620</b> | <b>HBTT0620</b> | <b>HBTI0620</b> | <b>HBT450620</b> | <b>HBT300620</b> |
|               | 24"(610)   | <b>HBTR0624</b> | <b>HBTT0624</b> | <b>HBTI0624</b> | <b>HBT450624</b> | <b>HBT300624</b> |

Note: Add **BK** suffix for black.

## Accessories for Wire Basket Tray Supports and Brackets

No Splice supports reduces the number of splice kits required for tray installations.



### No Splice Support\*

| Tray Width | Center Support |                    |                      | Ceiling Support |                    |                      |
|------------|----------------|--------------------|----------------------|-----------------|--------------------|----------------------|
|            | Qty. per Box   | Pre-Galvanized     | Black Powder Coat    | Qty. per Box    | Pre-Galvanized     | Black Powder Coat    |
| 6" (152)   | 1              | <b>HBTNSCTRS6</b>  | <b>HBTNSCTRS6BK</b>  | -               | -                  | -                    |
| 8" (203)   | 1              | <b>HBTNSCTRS8</b>  | <b>HBTNSCTRS8BK</b>  | -               | -                  | -                    |
| 12" (305)  | 1              | <b>HBTNSCTRS12</b> | <b>HBTNSCTRS12BK</b> | 1               | <b>HBTNSCLGS12</b> | <b>HBTNSCLGS12BK</b> |
| 16" (406)  | 1              | <b>HBTNSCTRS16</b> | <b>HBTNSCTRS16BK</b> | 1               | <b>HBTNSCLGS16</b> | <b>HBTNSCLGS16BK</b> |
| 18" (457)  | 1              | <b>HBTNSCTRS18</b> | <b>HBTNSCTRS18BK</b> | 1               | <b>HBTNSCLGS18</b> | <b>HBTNSCLGS18BK</b> |
| 20" (508)  | 1              | <b>HBTNSCTRS20</b> | <b>HBTNSCTRS20BK</b> | 1               | <b>HBTNSCLGS20</b> | <b>HBTNSCLGS20BK</b> |
| 24" (610)  | 1              | <b>HBTNSCTRS24</b> | <b>HBTNSCTRS24BK</b> | 1               | <b>HBTNSCLGS24</b> | <b>HBTNSCLGS24BK</b> |

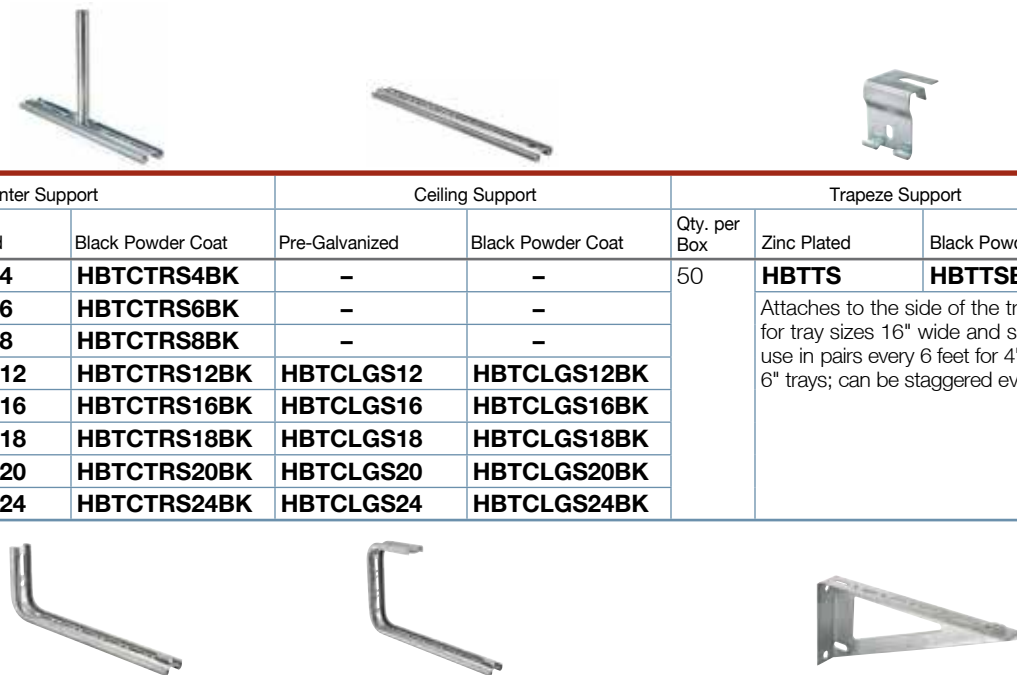
Note: \*Install every 5 feet. Splice hardware included.



### Supports\*\*

| Tray Width | Center Support |                  |                    | Ceiling Support  |                    | Trapeze Support |              |                   |
|------------|----------------|------------------|--------------------|------------------|--------------------|-----------------|--------------|-------------------|
|            | Qty. per Box   | Pre-Galvanized   | Black Powder Coat  | Pre-Galvanized   | Black Powder Coat  | Qty. per Box    | Zinc Plated  | Black Powder Coat |
| 4" (102)   | 1              | <b>HBTCTRS4</b>  | <b>HBTCTRS4BK</b>  | -                | -                  | 50              | <b>HBTTS</b> | <b>HBTTSBK</b>    |
| 6" (152)   | 1              | <b>HBTCTRS6</b>  | <b>HBTCTRS6BK</b>  | -                | -                  |                 |              |                   |
| 8" (203)   | 1              | <b>HBTCTRS8</b>  | <b>HBTCTRS8BK</b>  | -                | -                  |                 |              |                   |
| 12" (305)  | 1              | <b>HBTCTRS12</b> | <b>HBTCTRS12BK</b> | <b>HBTCLGS12</b> | <b>HBTCLGS12BK</b> |                 |              |                   |
| 16" (406)  | 1              | <b>HBTCTRS16</b> | <b>HBTCTRS16BK</b> | <b>HBTCLGS16</b> | <b>HBTCLGS16BK</b> |                 |              |                   |
| 18" (457)  | 1              | <b>HBTCTRS18</b> | <b>HBTCTRS18BK</b> | <b>HBTCLGS18</b> | <b>HBTCLGS18BK</b> |                 |              |                   |
| 20" (508)  | 1              | <b>HBTCTRS20</b> | <b>HBTCTRS20BK</b> | <b>HBTCLGS20</b> | <b>HBTCLGS20BK</b> |                 |              |                   |
| 24" (610)  | 1              | <b>HBTCTRS24</b> | <b>HBTCTRS24BK</b> | <b>HBTCLGS24</b> | <b>HBTCLGS24BK</b> |                 |              |                   |

Attaches to the side of the tray; for tray sizes 16" wide and smaller; use in pairs every 6 feet for 4" and 6" trays; can be staggered every 5 feet.



### Brackets\*\*

| Tray Width | L-Bracket    |                |                   | C-Bracket      |                   | Shelf Support  |                   |
|------------|--------------|----------------|-------------------|----------------|-------------------|----------------|-------------------|
|            | Qty. per Box | Pre-Galvanized | Black Powder Coat | Pre-Galvanized | Black Powder Coat | Pre-Galvanized | Black Powder Coat |
| 4" (102)   | 1            | <b>HBTLB4</b>  | <b>HBTLB4BK</b>   | <b>HBTCB4</b>  | <b>HBTCB4BK</b>   | <b>HBTSS4</b>  | <b>HBTSS4BK</b>   |
| 6" (152)   | 1            | <b>HBTLB6</b>  | <b>HBTLB6BK</b>   | -              | -                 | <b>HBTSS6</b>  | <b>HBTSS6BK</b>   |
| 8" (203)   | 1            | <b>HBTLB8</b>  | <b>HBTLB8BK</b>   | <b>HBTCB8</b>  | <b>HBTCB8BK</b>   | <b>HBTSS8</b>  | <b>HBTSS8BK</b>   |
| 12" (305)  | 1            | <b>HBTLB12</b> | <b>HBTLB12BK</b>  | <b>HBTCB12</b> | <b>HBTCB12BK</b>  | <b>HBTSS12</b> | <b>HBTSS12BK</b>  |
| 16" (406)  | 1            | <b>HBTLB16</b> | <b>HBTLB16BK</b>  | -              | -                 | <b>HBTSS16</b> | <b>HBTSS16BK</b>  |
| 18" (457)  | 1            | <b>HBTLB18</b> | <b>HBTLB18BK</b>  | <b>HBTCB18</b> | <b>HBTCB18BK</b>  | <b>HBTSS18</b> | <b>HBTSS18BK</b>  |
| 20" (508)  | 1            | <b>HBTLB20</b> | <b>HBTLB20BK</b>  | -              | -                 | <b>HBTSS20</b> | <b>HBTSS20BK</b>  |
| 24" (610)  | 1            | <b>HBTLB24</b> | <b>HBTLB24BK</b>  | -              | -                 | <b>HBTSS24</b> | <b>HBTSS24BK</b>  |

Note: \*\*Install every 6 feet.

## Accessories for Wire Basket Tray Covers and Inserts

**HUBBELL®**  
Wiring Device-Kellems

### Black Polymer Inserts with Sides\*

Provides a solid bottom and sides for tray - order in 10 foot increments

| Tray Width | 2" (51) Deep           | 4" (102) Deep          | 6" (152) Deep          |
|------------|------------------------|------------------------|------------------------|
| 4" (102)   | <b>HBTFRMINs0204BK</b> | <b>HBTFRMINs0404BK</b> | -                      |
| 6" (152)   | <b>HBTFRMINs0206BK</b> | <b>HBTFRMINs0406BK</b> | -                      |
| 8" (203)   | <b>HBTFRMINs0208BK</b> | <b>HBTFRMINs0408BK</b> | <b>HBTFRMINs0608BK</b> |
| 12" (305)  | <b>HBTFRMINs0212BK</b> | <b>HBTFRMINs0412BK</b> | <b>HBTFRMINs0612BK</b> |
| 16" (406)  | <b>HBTFRMINs0216BK</b> | <b>HBTFRMINs0416BK</b> | <b>HBTFRMINs0616BK</b> |
| 18" (457)  | <b>HBTFRMINs0218BK</b> | <b>HBTFRMINs0418BK</b> | <b>HBTFRMINs0618BK</b> |
| 20" (508)  | <b>HBTFRMINs0220BK</b> | <b>HBTFRMINs0420BK</b> | <b>HBTFRMINs0620BK</b> |
| 24" (610)  | <b>HBTFRMINs0224BK</b> | <b>HBTFRMINs0424BK</b> | <b>HBTFRMINs0624BK</b> |

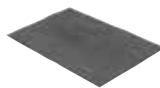
Note: \*For white insert, replace **BK** with **WHT**.



### Polymer Inserts

Provides a solid bottom for tray - order in 10 foot increments

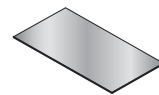
| Tray Width | Length      | White                | Black             |
|------------|-------------|----------------------|-------------------|
| 4" (102)   | 118" (3000) | <b>HBTINSNM04WHT</b> | <b>HBTINSNM04</b> |
| 6" (152)   | 118" (3000) | <b>HBTINSNM06WHT</b> | <b>HBTINSNM06</b> |
| 8" (203)   | 118" (3000) | <b>HBTINSNM08WHT</b> | <b>HBTINSNM08</b> |
| 12" (305)  | 118" (3000) | <b>HBTINSNM12WHT</b> | <b>HBTINSNM12</b> |
| 16" (406)  | 118" (3000) | <b>HBTINSNM16WHT</b> | <b>HBTINSNM16</b> |
| 18" (457)  | 118" (3000) | <b>HBTINSNM18WHT</b> | <b>HBTINSNM18</b> |
| 20" (508)  | 118" (3000) | <b>HBTINSNM20WHT</b> | <b>HBTINSNM20</b> |
| 24" (610)  | 118" (3000) | <b>HBTINSNM24WHT</b> | <b>HBTINSNM24</b> |



### Galvanized Steel Inserts

Provides a solid bottom for tray - 5 feet length per piece;  
1 piece per box

| Tray Width | Length     | Pre-Galvanized   | Black Powder Coat  |
|------------|------------|------------------|--------------------|
| 4" (102)   | 59" (1500) | <b>HBTINSM04</b> | <b>HBTINSM04BK</b> |
| 6" (152)   | 59" (1500) | <b>HBTINSM06</b> | <b>HBTINSM06BK</b> |
| 8" (203)   | 59" (1500) | <b>HBTINSM08</b> | <b>HBTINSM08BK</b> |
| 12" (305)  | 59" (1500) | <b>HBTINSM12</b> | <b>HBTINSM12BK</b> |
| 16" (406)  | 59" (1500) | <b>HBTINSM16</b> | <b>HBTINSM16BK</b> |
| 18" (457)  | 59" (1500) | <b>HBTINSM18</b> | <b>HBTINSM18BK</b> |
| 20" (508)  | 59" (1500) | <b>HBTINSM20</b> | <b>HBTINSM20BK</b> |
| 24" (610)  | 59" (1500) | <b>HBTINSM24</b> | <b>HBTINSM24BK</b> |



### Galvanized Steel Covers

Top cable and wire protector - 5 feet length per piece;  
1 piece per box

| Tray Width | Length     | Pre-Galvanized  | Black Powder Coat |
|------------|------------|-----------------|-------------------|
| 4" (102)   | 59" (1500) | <b>HBTCVR4</b>  | <b>HBTCVR4BK</b>  |
| 6" (152)   | 59" (1500) | <b>HBTCVR6</b>  | <b>HBTCVR6BK</b>  |
| 8" (203)   | 59" (1500) | <b>HBTCVR8</b>  | <b>HBTCVR8BK</b>  |
| 12" (305)  | 59" (1500) | <b>HBTCVR12</b> | <b>HBTCVR12BK</b> |
| 16" (406)  | 59" (1500) | <b>HBTCVR16</b> | <b>HBTCVR16BK</b> |
| 18" (457)  | 59" (1500) | <b>HBTCVR18</b> | <b>HBTCVR18BK</b> |
| 20" (508)  | 59" (1500) | <b>HBTCVR20</b> | <b>HBTCVR20BK</b> |
| 24" (610)  | 59" (1500) | <b>HBTCVR24</b> | <b>HBTCVR24BK</b> |



### Galvanized Termination Support

Secures end of tray to wall and can serve as blank end fitting;  
1 piece per box

| Tray Width | Length      | Pre-Galvanized | Black Powder Coat |
|------------|-------------|----------------|-------------------|
| 6" (152)   | 6.4" (163)  | <b>HBTTs6</b>  | <b>HBTTs6BK</b>   |
| 8" (203)   | 8" (203)    | <b>HBTTs8</b>  | <b>HBTTs8BK</b>   |
| 12" (305)  | 11.2" (284) | <b>HBTTs12</b> | <b>HBTTs12BK</b>  |
| 16" (406)  | 16" (406)   | <b>HBTTs16</b> | <b>HBTTs16BK</b>  |
| 18" (457)  | 17.6" (447) | <b>HBTTs18</b> | <b>HBTTs18BK</b>  |
| 20" (508)  | 19.2" (488) | <b>HBTTs20</b> | <b>HBTTs20BK</b>  |
| 24" (610)  | 24" (610)   | <b>HBTTs24</b> | <b>HBTTs24BK</b>  |



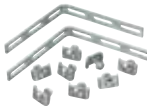
### Galvanized Steel Dividers

Mounting hardware to secure to tray (not included);  
5 feet length per piece - 1 piece per box

| For use with Tray | Length     | Pre-Galvanized | Black Powder Coat |
|-------------------|------------|----------------|-------------------|
| 2" (51) Deep      | 60" (1524) | <b>HBTDIV2</b> | <b>HBTDIV2BK</b>  |
| 4" (102) Deep     | 60" (1524) | <b>HBTDIV4</b> | <b>HBTDIV4BK</b>  |
| 6" (152) Deep     | 60" (1524) | <b>HBTDIV6</b> | <b>HBTDIV6BK</b>  |
| 8" (203) Deep     | 60" (1524) | <b>HBTDIV8</b> | <b>HBTDIV8BK</b>  |



## Accessories

| Description                                                                                                                                                                         | Tray Width                        | Finish                                  | Catalog Number                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Radius Down</b><br>Increases cable protection and cable bend control; 1 per box (mounting hardware not included)                                                                 | 4" (102)<br>6" (152)<br>12" (305) | Black<br>Black<br>Black                 | <b>HBTRD4BK</b><br><b>HBTRD6BK</b><br><b>HBTRD12BK</b>  |
| <b>Exit Radius Down</b><br>Top tray attachment, increases cable protection and cable bend control; 1 per box (mounting hardware included)                                           | 4X4<br>Minimum Tray Size          | Black                                   | <b>HBTEXTRDBK</b>                                       |
| <b>Vertical Down</b><br>Protects cables when dropping from the end or side of tray; 1 per box                                                                                       | 7 7/8" (102)                      | Zinc Plated<br>Black                    | <b>HBTVDBK</b>                                          |
| <b>Label Clip</b><br>Attachment for all sizes of tray; 1 per box                                                                                                                    |                                   | White                                   | <b>HBTLCL</b>                                           |
| <b>Cable Guide</b><br>Maintains cable bend radius and acts as a divider for straight sections and fittings; 1 per box                                                               |                                   | Black                                   | <b>HBTCG</b>                                            |
| <b>Electrical Box Bracket</b><br>Attaches electrical box to side of tray; 1 per box                                                                                                 |                                   | Pre-Galvanized<br>Black                 | <b>HBTEB</b><br><b>HBTEBBL</b>                          |
| <b>Sidecar</b><br>Attaches to outside of tray, provides additional cable support 2" deep; 1 per box                                                                                 |                                   | Pre-Galvanized<br>Black                 | <b>HBTSC</b><br><b>HBTSCBK</b>                        |
| <b>Splice Kit</b><br>3 piece staked bolt/washer and nut combination; splices straight sections and field formed fittings; 50 pieces per box                                         |                                   | Zinc Plated<br>Black<br>Stainless Steel | <b>HBTSK</b><br><b>HBTSKBK</b><br><b>HBTSKSS</b>      |
| <b>Bar Splice</b><br>Slotted bar 11 1/8" long; Splices straight sections and fittings; bend to form tray reducers; adds rigidity to tray splices; 50 pieces per box                 |                                   | Zinc Plated<br>Black<br>Stainless Steel | <b>HBTBS</b><br><b>HBTBBSBK</b><br><b>HBTBSSS</b>     |
| <b>Corner Splice</b><br>(2) 90° splice bars and (8) sets of the splice kit                                                                                                          |                                   | Zinc Plated<br>Black<br>Stainless Steel | <b>HBTCS</b><br><b>HBTCBKBK</b><br><b>HBTCSSS</b>     |
| <b>Splices Fittings</b><br>Use one per each Tee Fitting; Use two per each Cross Fitting                                                                                             |                                   |                                         |                                                                                                                                          |
| <b>Washer Supports</b><br>Splices straight sections and fittings and can also be used as a hold down method for tray to strut (Nut and bolt provided separately); 50 pieces per box |                                   | Zinc Plated<br>Black<br>Stainless Steel | <b>HBTWS</b><br><b>HBTWBKBK</b><br><b>HBTWSSS</b>     |
| <b>Self Tapping Screws</b><br>1/4" - 20 self tapping screw and HBTWS; 50 pieces per box                                                                                             |                                   | Zinc Plated                             | <b>HBTUGS</b>                                         |

## Accessories

| Description                                                                                                                                                                                                                 | Finish                         | Catalog Number                                                                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fitting Attachment</b><br>Fills the gap in tray when creating fittings in 2" tray or 4 5/8" tray                                                                                                                         | Pre-Galvanized<br>Black        | <b>HBTF2A2</b><br><b>HBTF2A2BK</b>                                                                                                                             |
|                                                                                                                                                                                                                             | Pre-Galvanized<br>Black        | <b>HBTF4A46</b><br><b>HBTF4A46BK</b>                                                                                                                                                                                                              |
| <b>Rack Attachment</b><br>Attaches tray directly to the top of a standard rack                                                                                                                                              | Zinc Plated<br>Black           | <b>HBTRA</b><br><b>HBTRABK</b>                                                                                                                                 |
| <b>Conduit Attachment</b><br>Connects conduit to tray (3/4", 1" and 1 1/4" conduit)                                                                                                                                         | Pre-Galvanized<br>Black        | <b>HBTC3A3</b><br><b>HBTC3A3BK</b>                                                                                                                             |
| <b>Nut and Bolt Sets</b><br>1/4" - 20 nut and bolt sets; 50 pieces per box                                                                                                                                                  | Zinc Plated<br>Stainless Steel | <b>HBTNB</b><br><b>HBTNBSS</b>                                                                                                                                 |
| <b>Cable Drop Outs</b><br>Black polymer inserts; Installed into the bottom of the basket tray to reduce pinch points and maintain a radius bend on the exiting cables                                                       | Black                          | <b>HBTCDBK</b>                                                                                                                                                 |
| <b>Large Cable Drop Outs</b><br>Black polymer inserts; Installed into the bottom of the basket tray to reduce pinch points and maintain a radius bend on the exiting cables. (Tray requires cutting to install)             | Black                          | <b>HBTC4D4X4BK</b>                                                                                                                                             |
| <b>Strut Clips</b><br>Used to hold down the basket tray when used with any standard industry strut supports; 50 pieces per box                                                                                              | Pre-Galvanized                 | <b>HBTSRUTCLIP</b>                                                                                                                                            |
|                                                                                                                                                                                                                             |                                | <ul style="list-style-type: none"> <li>• 12" trays or smaller use 2 clips per strut support</li> <li>• 16" - 18" trays use 3 clips per strut support</li> <li>• Larger trays add one clip per strut support for every 6" of tray width</li> </ul> |
| <b>Grounding Split Bolts</b><br>Grounding split bolts are sold in packs of 10. Bolts are used for supplemental grounding. One bolt is installed per section of basket tray. The installer must supply #6 AWG grounding wire | Copper Alloy                   | <b>HBTSPLITBOLTPK10</b>                                                                                                                                      |

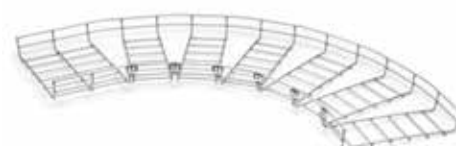


# Wire Basket Tray Technical Support

## Cutting and Forming Fittings

### How to Form a 90° Flat Sweep Elbow

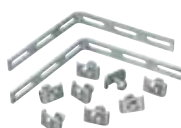
- Determine which wires must be cut for the type of fitting or redirection required. This will usually be the side and bottom wires of every other mesh section.
- Cut the top side wire first.
- Cut the remaining side wires.
- Turn the tray over and cut the bottom wires.
- This creates open gaps in the side wall and bottom of the tray.
- Bend the tray to form the desired elbow radius curve by closing the gaps.
- Install splice kits and hardware where the wedge-shaped sections come together.
- Splice kits provide the mechanical connection as well as electrical grounding continuity.



**HBTSC Splice Kit**  
See page 12 for ordering information.

### How to Form a Tee Fitting

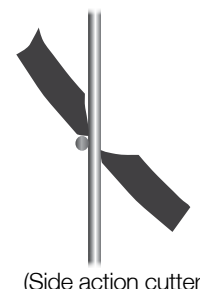
- Determine the location of the horizontal “tee” fitting along the length of basket tray.
- Cut the side wires from the tray which shall be the horizontal tray section, to the same width as the perpendicular tray section.
- Do not cut the bottom wires.
- Align the perpendicular tray to the opening in the side of the horizontal tray.
- Position one angle bracket from the HBTCS corner splice kit on each side of the opening.
- Secure the angle brackets to the horizontal and perpendicular tray sections with splice kits (nut, bolt and washer) provided in the HBTCS corner splice kit.
- Support the tee fitting on all three sides of the “tee” using appropriate support method.



**HBTCS Corner Splice**  
See page 12 for ordering information.

### Cutting Wire Basket Tray

- Always make field cuts with the side action angle cutting tool.
- Cuts can be made on any finish, width or depth basket tray.
- Cut as many segments required for sweep elbows (see Splice Quantity column on product pages).
- Remove any sharp edges to eliminate possible damage to cables.



(Side action cutter)

### Cutting Tool

| Description                                             | Weight (Lb/each) | Qty. per Box | Catalog Number    |
|---------------------------------------------------------|------------------|--------------|-------------------|
| Manual offset angled cutting tool, 24" leveraged handle | 6.0              | 1            | <b>HBTCUTTOOL</b> |



## Wire Fill and Maximum Load Chart

| Depth | Width | Area | Cat 5e (0.18" dia.)<br>50% Wire Fill | Cat 6 (0.23" dia.)<br>50% Wire Fill | Cat 6a (0.30" dia.)<br>50% Wire Fill | Max. Load (Lb/ft)<br>(Supported at 6ft spacing) |
|-------|-------|------|--------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------------------|
| 2     | 4     | 8    | 157                                  | 96                                  | 57                                   | 45                                              |
| 2     | 6     | 12   | 236                                  | 144                                 | 85                                   | 50                                              |
| 2     | 8     | 16   | 315                                  | 193                                 | 113                                  | 52                                              |
| 2     | 12    | 24   | 472                                  | 289                                 | 170                                  | 58                                              |
| 2     | 16    | 32   | 629                                  | 385                                 | 226                                  | 70                                              |
| 2     | 18    | 36   | 708                                  | 433                                 | 255                                  | 70                                              |
| 2     | 20    | 40   | 786                                  | 482                                 | 283                                  | 73                                              |
| 2     | 22    | 44   | 865                                  | 530                                 | 311                                  | 73                                              |
| 2     | 24    | 48   | 944                                  | 578                                 | 340                                  | 75                                              |
| 2     | 26    | 52   | 1022                                 | 626                                 | 368                                  | 73                                              |
| 2     | 28    | 56   | 1101                                 | 674                                 | 396                                  | 73                                              |
| 2     | 30    | 60   | 1180                                 | 722                                 | 425                                  | 70                                              |
| 2     | 32    | 64   | 1258                                 | 771                                 | 453                                  | 70                                              |
| 4     | 4     | 16   | 315                                  | 193                                 | 113                                  | 49                                              |
| 4     | 6     | 24   | 472                                  | 289                                 | 170                                  | 49                                              |
| 4     | 8     | 32   | 629                                  | 385                                 | 226                                  | 78                                              |
| 4     | 12    | 48   | 944                                  | 578                                 | 340                                  | 78                                              |
| 4     | 16    | 64   | 1258                                 | 771                                 | 453                                  | 108                                             |
| 4     | 18    | 72   | 1415                                 | 867                                 | 510                                  | 116                                             |
| 4     | 20    | 80   | 1573                                 | 963                                 | 566                                  | 116                                             |
| 4     | 22    | 88   | 1730                                 | 1060                                | 623                                  | 116                                             |
| 4     | 24    | 96   | 1887                                 | 1156                                | 679                                  | 116                                             |
| 4     | 28    | 112  | 2202                                 | 1349                                | 793                                  | 108                                             |
| 6     | 8     | 48   | 944                                  | 578                                 | 340                                  | 116                                             |
| 6     | 12    | 72   | 1415                                 | 867                                 | 510                                  | 123                                             |
| 6     | 16    | 96   | 1887                                 | 1156                                | 679                                  | 123                                             |
| 6     | 18    | 108  | 2123                                 | 1300                                | 764                                  | 127                                             |
| 6     | 20    | 120  | 2359                                 | 1445                                | 849                                  | 127                                             |
| 6     | 22    | 132  | 2595                                 | 1589                                | 934                                  | 127                                             |
| 6     | 24    | 144  | 2831                                 | 1734                                | 1019                                 | 150                                             |
| 8     | 8     | 64   | 1258                                 | 771                                 | 453                                  | 116                                             |
| 8     | 12    | 96   | 1887                                 | 1156                                | 679                                  | 116                                             |
| 8     | 16    | 128  | 2516                                 | 1541                                | 906                                  | 116                                             |
| 8     | 18    | 144  | 2831                                 | 1734                                | 1019                                 | 116                                             |
| 8     | 20    | 160  | 3145                                 | 1926                                | 1132                                 | 116                                             |

### Sizes UL Classified or cUL Classified as equipment ground conductor

| 2" Depth | 4" Depth | 6" Depth | 8" Depth |
|----------|----------|----------|----------|
| 2 x 6    | 4 x 6    | 6 x 8    | 8 x 8    |
| 2 x 8    | 4 x 8    | 6 x 12   | 8 x 12   |
| 2 x 12   | 4 x 12   | 6 x 16   | 8 x 16   |
| 2 x 16   | 4 x 16   | 6 x 18   | 8 x 20   |
| 2 x 18   | 4 x 18   | 6 x 20   |          |
| 2 x 20   | 4 x 20   | 6 x 22   |          |
| 2 x 24   | 4 x 24   | 6 x 24   |          |

Note: Applicable to pre-galvanized and powder coat painted when spliced as recommended. Other non-UL sizes require external grounding conductor. Stainless steel is not UL listed.

### Instructions to Achieve Ground

- Use Hubbell splice kits (**HBTSK**) to achieve proper grounding at all splices, joints and fittings.
- Grounding lugs and external ground wire are not required provided **HBTSK** splice kits are utilized with steel tray. (Stainless steel tray requires external grounding conductor.)

## Specifications

### Wire Mesh Basket Tray Product Specifications

#### 2.01 ACCEPTABLE MANUFACTURES

1. Manufacturer: Subject to compliance with these specifications wire basket tray systems to be installed shall be Hubbell "HBT" series.

#### 2.02 WIRE TRAY SECTIONS AND COMPONENTS

1. Provide wire basket of types and sizes indicated with all required splicing and mounting hardware. Construct units with T-weld edges and smooth surfaces in compliance with applicable standards and with the following additional construction features.
  - A. All straight section longitudinal wires shall be constructed with a continuous top wire safety edge. Safety edge must be T-welded on all tray sizes.
  - B. Wire basket cross-wire to be constructed with either flat shaped wire design or with round wire design as directed by engineer.
    - Flat shaped cross wire design shall provide additional surface area for cable weight support and to avoid pressure points and strain on cables.
    - Round shaped cross wire design may be used in general purpose applications where cable weight and strain are not concerns.
2. Materials and Finishes: Material and finish specifications for Carbon Steel Wire and Pre-Galvanized steel wire are as follows:
  - A. Pre-galvanized Zinc: Straight section shall be made from pre-galvanized steel meeting the minimum mechanical properties of ASTM A 641. Material must be cleaned after fabrication to remove any soot, manufacturing residue/oils or metallic particles.
  - B. Powder Coat: Straight sections shall be powder coated black with an average paint thickness of 1.2mils (30microns) to 3.0mils (75microns). Hubbell powder coat product is masked at splice points to allow conductive ground design; no field paint removal is required.
  - C. Stainless Steel: Straight sections and accessories shall be made from AISI Type 304L, 316L Stainless Steel (meeting the minimum mechanical properties of ASTM A 580).
  - D. Electro-Plated Zinc Galvanized (Post Plated) Made from Carbon Steel and plated to ASTM B 633, Type III, SC-1.
  - E. Hot Dip Galvanized: Plain steel (ASTM A510) dip after fabricated and formed. ASTM A123.
3. Wire basket shall be made of high strength steel wires and formed into a standard 2-inch by 4-inch wire mesh pattern with intersecting wires welded together. All mesh sections must have at least one bottom longitudinal wire along entire length of straight section.
4. Wire basket sizes shall conform to the following nominal criteria:
  - A. Straight sections shall be furnished in standard 118" (3m) lengths.
  - B. Wire diameter shall be 0.195" (5mm) minimum on all mesh sections. Wire diameter shall be minimum size of 4.5mm on stainless steel.
  - C. Wire basket shall have a 2-inch usable loading depth by (4), (6), (8), (10), (12), (14), (16), (18), (20), (22), (24), (26), (28), (30), (32) inches wide.
  - D. Wire basket shall have a 4-inch usable loading depth by (4), (6), (8), (10), (12), (14), (16), (18), (20), (22), (24), (26), (28) inches wide.
  - E. Wire basket shall have a 6-inch usable loading depth by (8), (10), (12), (14), (16), (18), (20), (22), (24) inches wide.
  - F. Wire basket shall have an 8-inch usable loading depth by (8), (10), (12), (14), (16), (18), (20) inches wide.
5. All fittings shall be field formed from straight sections in accordance with manufacturer's instructions.
6. All Tray sections and splicing assemblies shall be UL/C-UL Classified as an Equipment Ground Conductor (EGC).
7. Wire mesh basket tray supports shall be ceiling trapeze type, center support, trapeze clips, or wall brackets as manufactured by Hubbell.
8. Special accessories shall be furnished as required to protect, support and install a wire basket support system.

# Wire Basket Tray System Cable Management



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