

# Metallic — aluminum

## Fittings — explaining the fitting styles

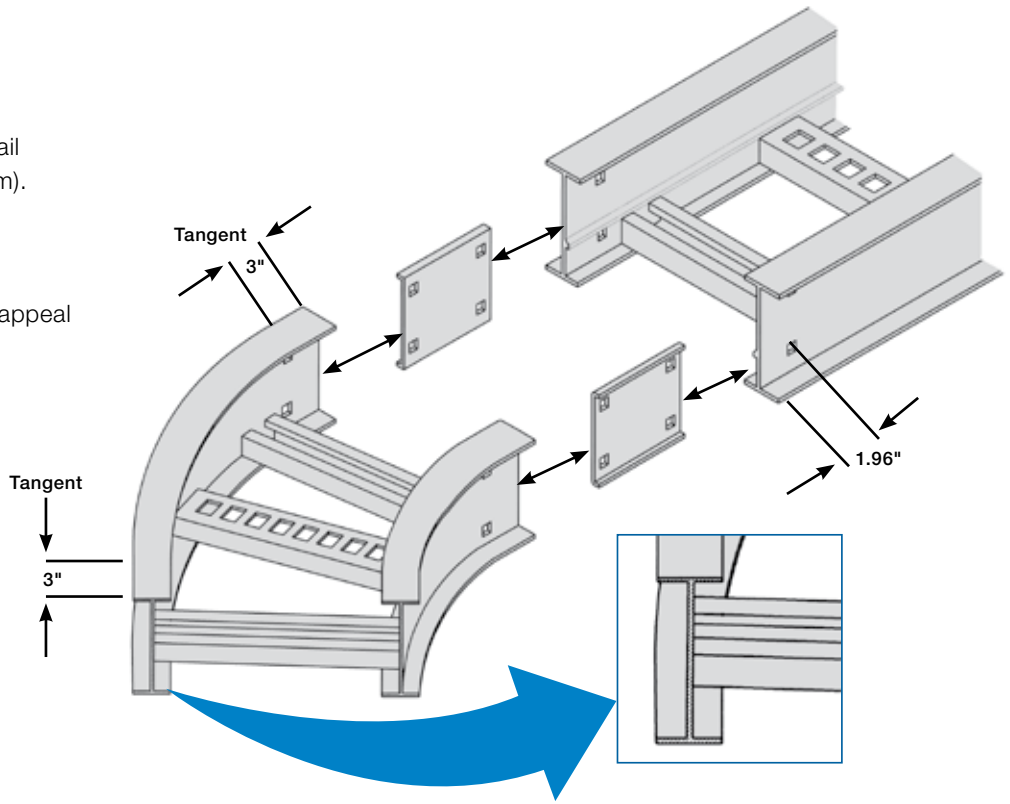
A

### H-style

H-style fittings constructed with side rail having inner and outer flanges (H-beam).

#### Features and benefits

- Improved system rigidity
- Improved aesthetics and customer appeal
- Easy to install
- Easy-to-align straights and fittings
- Splice plate holds components together while hardware is inserted
- Premium design
- 3" tangents on fittings
- 7" length snap-in splice plate

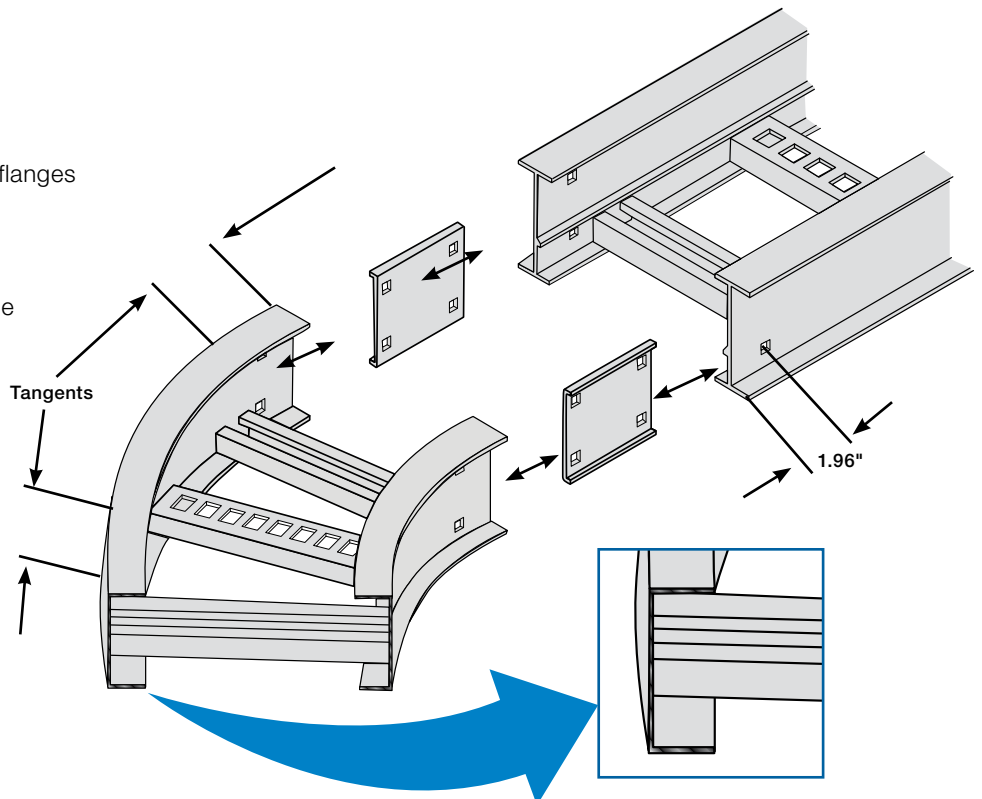


### U-style

U-style fittings constructed with side rail flanges on the inside only (U-beam).

#### Features and benefits

- U-style and H-style are interchangeable
- Lowest purchase price
- Easy to install
- Occupies less space in areas where space is restrained
- Easy-to-align straights
- Splice plate holds components together while hardware is inserted
- Lighter fittings are easy to handle
- Functional design
- 7" length snap-in splice plate



T&B aluminum cable tray is composed of two distinct systems, H-style and U-style. These systems are interchangeable.

# Metallic – aluminum

## Fittings – horizontal fittings selection

Fittings in a cable tray system are required to change cable routing direction and to join straight sections and other fittings. This step of the cable tray selection process requires that the specifier chooses between two distinct styles, U and H.

Note: The U-style and H-style systems are interchangeable.

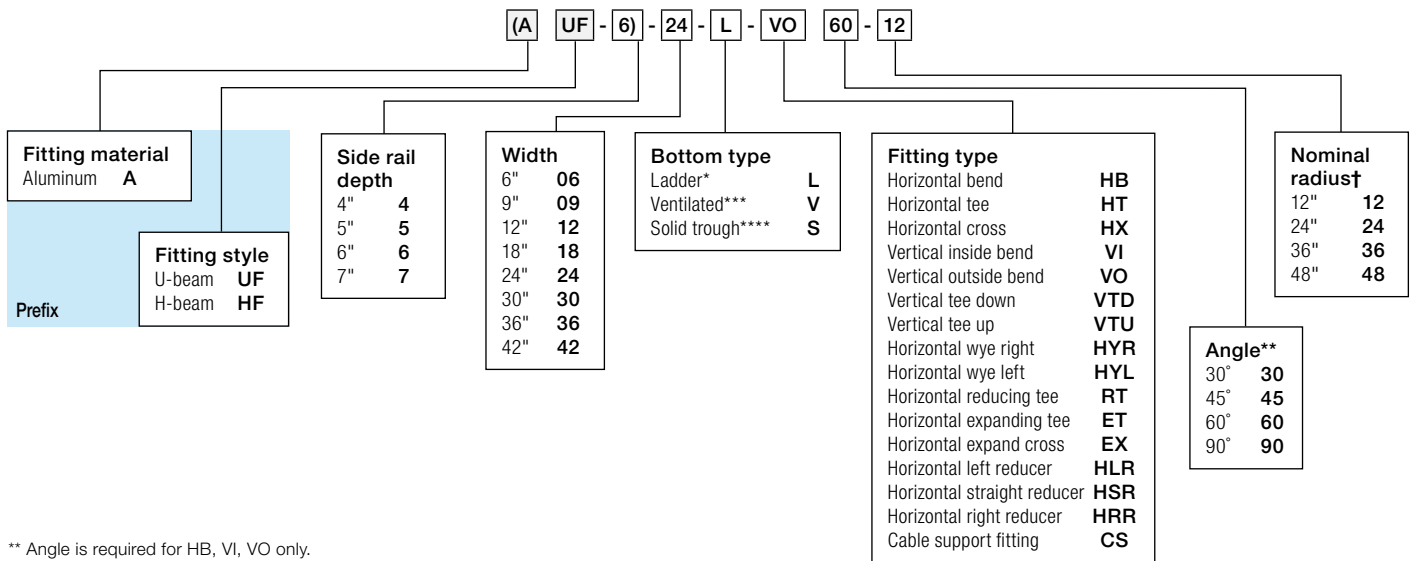
### H-style fitting

- An H-shaped extrusion forms the fitting side rail.
- H-style fittings utilize a 7" splice plate and the fittings have 3" tangents at the extremities.
- This style offers enhanced aesthetics to the end user and increased system rigidity.

### U-style fitting

- A U-shaped extrusion forms the fitting side rail.
- U-style fittings utilize a 7" splice plate and the fittings have tangents at the extremities.
- This style offers maximum quality versus cost ratios of the installation.

### Fitting number selection



\*\* Angle is required for HB, VI, VO only.

† Radius is not required for the following fitting types: HYR, HYL, HLR, HRR, HSR

\* Manufactured with 9" rung spacing measured at the center line of fitting.

\*\*\* Manufactured with 4" edge to edge rung spacing measured at the center line of fitting.

\*\*\*\* Manufactured with flat sheet inserted under rungs with 9" rung spacing measured at the center line of fitting.

NOTE: The following special options are available. To order, add the indicated suffix to the very end of the catalog number.

FO = Flange out

G = Ground holes (specify locations and size)

H = Stainless steel type 316 hardware nuts and bolts

MR = Marine rung alternated

UM = Marine rung holes up

RU = Rung with square holes on top

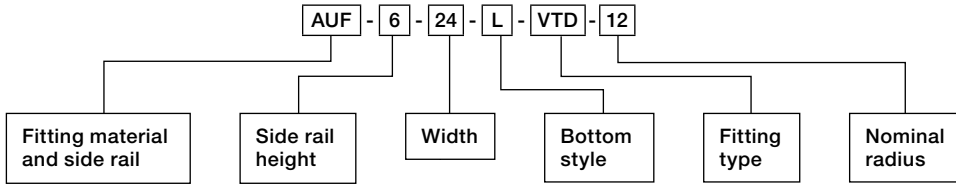
FR = Flat rung

# Metallic – aluminum

## Fittings – U-style fittings vertical tees up/down

A

### Catalog number system



### Selection guide

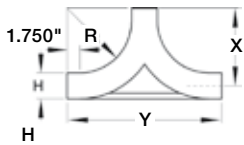
Inside tray widths: 6, 9, 12, 18, 24, 30, 36, 42"

Radius: 12, 24, 36, 48"

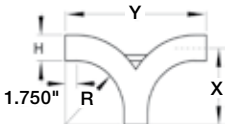
Bottom styles: L – ladder, V – ventilated, S – solid

Side rail heights: 4" – 7"

### Vertical tee up/down – U-style



Up



Down

Nominal Radius (in.)	Width (in.)	Vertical tee up Cat. No.	Vertical tee down Cat. No.	Side rail height "H"							
				4"		5"		6"		7"	
				X	Y	X	Y	X	Y	X	Y
12	6	AUF(†)-06-(*)-VTU12	AUF(†)-06-(*)-VTD12	15 <sup>18</sup> / <sub>16</sub>	31 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>16</sub>	32 <sup>9</sup> / <sub>16</sub>	16 <sup>7</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>4</sub>	17 <sup>3</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>4</sub>
	9	AUF(†)-09-(*)-VTU12	AUF(†)-09-(*)-VTD12								
	12	AUF(†)-12-(*)-VTU12	AUF(†)-12-(*)-VTD12								
	18	AUF(†)-18-(*)-VTU12	AUF(†)-18-(*)-VTD12								
	24	AUF(†)-24-(*)-VTU12	AUF(†)-24-(*)-VTD12								
	30	AUF(†)-30-(*)-VTU12	AUF(†)-30-(*)-VTD12								
	36	AUF(†)-36-(*)-VTU12	AUF(†)-36-(*)-VTD12								
	42	AUF(†)-42-(*)-VTU12	AUF(†)-42-(*)-VTD12								
24	6	AUF(†)-06-(*)-VTU24	AUF(†)-06-(*)-VTD24	27 <sup>18</sup> / <sub>16</sub>	55 <sup>11</sup> / <sub>16</sub>	28 <sup>5</sup> / <sub>16</sub>	56 <sup>9</sup> / <sub>16</sub>	28 <sup>7</sup> / <sub>8</sub>	57 <sup>3</sup> / <sub>4</sub>	29 <sup>3</sup> / <sub>8</sub>	58 <sup>3</sup> / <sub>4</sub>
	9	AUF(†)-09-(*)-VTU24	AUF(†)-09-(*)-VTD24								
	12	AUF(†)-12-(*)-VTU24	AUF(†)-12-(*)-VTD24								
	18	AUF(†)-18-(*)-VTU24	AUF(†)-18-(*)-VTD24								
	24	AUF(†)-24-(*)-VTU24	AUF(†)-24-(*)-VTD24								
	30	AUF(†)-30-(*)-VTU24	AUF(†)-30-(*)-VTD24								
	36	AUF(†)-36-(*)-VTU24	AUF(†)-36-(*)-VTD24								
	42	AUF(†)-42-(*)-VTU24	AUF(†)-42-(*)-VTD24								
36	6	AUF(†)-06-(*)-VTU36	AUF(†)-06-(*)-VTD36	39 <sup>18</sup> / <sub>16</sub>	79 <sup>11</sup> / <sub>16</sub>	40 <sup>5</sup> / <sub>16</sub>	80 <sup>9</sup> / <sub>16</sub>	40 <sup>7</sup> / <sub>8</sub>	81 <sup>3</sup> / <sub>4</sub>	41 <sup>3</sup> / <sub>8</sub>	82 <sup>3</sup> / <sub>4</sub>
	9	AUF(†)-09-(*)-VTU36	AUF(†)-09-(*)-VTD36								
	12	AUF(†)-12-(*)-VTU36	AUF(†)-12-(*)-VTD36								
	18	AUF(†)-18-(*)-VTU36	AUF(†)-18-(*)-VTD36								
	24	AUF(†)-24-(*)-VTU36	AUF(†)-24-(*)-VTD36								
	30	AUF(†)-30-(*)-VTU36	AUF(†)-30-(*)-VTD36								
	36	AUF(†)-36-(*)-VTU36	AUF(†)-36-(*)-VTD36								
	42	AUF(†)-42-(*)-VTU36	AUF(†)-42-(*)-VTD36								
48	6	AUF(†)-06-(*)-VTU48	AUF(†)-06-(*)-VTD48	51 <sup>18</sup> / <sub>16</sub>	103 <sup>11</sup> / <sub>16</sub>	52 <sup>5</sup> / <sub>16</sub>	104 <sup>9</sup> / <sub>16</sub>	52 <sup>7</sup> / <sub>8</sub>	105 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>8</sub>	106 <sup>3</sup> / <sub>4</sub>
	9	AUF(†)-09-(*)-VTU48	AUF(†)-09-(*)-VTD48								
	12	AUF(†)-12-(*)-VTU48	AUF(†)-12-(*)-VTD48								
	18	AUF(†)-18-(*)-VTU48	AUF(†)-18-(*)-VTD48								
	24	AUF(†)-24-(*)-VTU48	AUF(†)-24-(*)-VTD48								
	30	AUF(†)-30-(*)-VTU48	AUF(†)-30-(*)-VTD48								
	36	AUF(†)-36-(*)-VTU48	AUF(†)-36-(*)-VTD48								
	42	AUF(†)-42-(*)-VTU48	AUF(†)-42-(*)-VTD48								

(†) Insert side rail height. (\*) Insert bottom style to complete Cat. No. Includes two pairs of splice plates with hardware.  
T&B aluminum cable tray is composed of two distinct systems, H-style and U-style. These systems are interchangeable.