Table of Contents

Overview

Features

- Straight Siderail Design:Extruded I-beam
  Nominal Height 4 in. to 7 in.
  Loading Height 3 in. to 6 in.
- Snap-in splice plate connection
- Reverse position of every other rung for bottom or top mounting of cable ties
- Versatile continuous open slot rungs (strut profile)
- Exclusive Ty-Rap® cable tie slots (5/8 x 5/8) on one inch (1 in.) centers
- Extra wide rung design
- Four bolt connection
- Choice of two styles of fitting (U & H) siderails

Applications

Commercial	Industrial
Schools	Petrochemical Plants
Hospitals	Automotive Plants
Office Buildings	Paper Plants
Airports	Food Processing
Casinos	Power Plants
Stadiums	Refineries
	Manufacturing
	Mining

Accessories

- Each pair of splice plates comes with 3/8 in. mounting hardware
- Complete line of accessories and support systems

Material

- 6063 Aluminum Alloy

Compliance

- CSA, NEMA, NEC, UL

Load Ratings

- 1.5 Safety factor. All tray sections will support an additional 200 lb. concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

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

Straight Lengths

Tray Bottom Types
Ladder, Ventilated and Solid Trough

Ladder

- Extra wide aluminum rungs are welded to extruded aluminum I-beam siderails. Every second rung is reversed to allow for easy top or bottom mounting of cable ties and clamps. All edges and welds are rounded and smooth to prevent cable damage.

Ventilated

- A fabricated structure consisting of integral or separate longitudinal rails and a bottom having openings sufficient for the passage of air and utilizing 75% or less of the plan area of the surface to support cables. The maximum open spacings between cable support surfaces of transverse elements do not exceed 102 mm (4 in) in the direction parallel to the tray side rails (rung edge to rung edge).

Note: For load ratings of CSA Class C/NEMA 12C or less, please see alternative ventilated series of cable tray called – One-Piece found on pages A157 to A189 of the catalogue.

Solid Trough

- A fabricated structure consisting of a bottom without ventilation openings within separate longitudinal side rails.

Note : Fast and easy snap-in splice plates are provided with each straight section.

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

Straight Lengths

Number Selection

Straight sections utilize a 7 in. splice plate and the fittings have tangents at the extremities.

How to Create Part Numbers

Thomas & Betts has created a numbering system based on the order of selection criteria. For example the first selection issue is the environment which the cable tray will be subjected to. This selection will lead to the best material for your application. For complete details on cable tray selection process, see page A8 in the technical section.

Methods

1. Select the material best suited to your environment. Refer to technical section page A8.
2. Determine the tray series using the NEMA/CSA Load/Span Designations page A16, and Sizing Cable Tray page A23.
3. Select nominal depth and width of tray based on Cable Loading. See Sizing Cable Tray page A23.
4. Select the bottom type based on cables and spacing requirements.
5. The last number is the length of the cable tray in meters or inches.

Straight Section Number Selection

(AH1-6) 24-L09-144

Material	Style	Series	Siderail Height (in.)	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	0 • Series 0 * 1 • Series 1 ** 2 • Series 2 3 • Series 3 4 • Series 4 5 • Series 5	**4**	06 • (6 in.) *** 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.) 42 • (42 in.)	L06 (6 in. rung spacing) L09 (9 in. rung spacing) L12 (12 in. rung spacing) V (ventilated) ** S (solid trough)	144 (12 ft.) 288 (24 ft.) 3 (3 meters) 6 (6 meters) 360 (30 ft.) †
Prefix		2 • Series 2 3 • Series 3 4 • Series 4	**5**			
		0 • Series 0 * 1 • Series 1 2 • Series 2 3 • Series 3 4 • Series 4 5 • Series 5 6 • Series 6 7 • Series 7	**6**			
		2 • Series 2 3 • Series 3 4 • Series 4	**7**			
		1 • Series 1	**8**			

* This series is not available in 288 in. or 6 meter lengths.
** Fittings not available for 8 in. siderail Series 1.
*** For load ratings of CSA Class C/NEMA 12C or less,
† For Series 76, 47 and 18 only.

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

Straight Lengths

4 in. Straight Sections / Series 1-4

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH1-4) 24-L09-144

Material	Style	Series	Siderail Height (in.)	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	1 • Series 1 **	4	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	L06 (6 in. rung spacing) L09 (9 in. rung spacing) L12 (12 in. rung spacing) V (ventilated) *** S (solid trough)	144 (12 ft.) 288 (24 ft.) 3 (3 meters) 6 (6 meters)
Prefix						

** Series 1 is not available in 288 in., or 6 meter lengths.

*** For load ratings of CSA Class C/NEMA 12C or less, please see an alternative ventilated series of cable tray called - One-Piece found on pages A157 to A189 of this catalogue.

Technical Specifications

All calculations and data are based on 36 in. wide cable trays with rungs spaced on 12 in. centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor: For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

For Fittings consult pages A50 to A89.

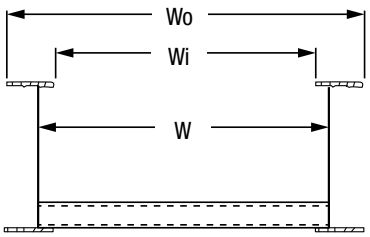
Series		Support Span (Feet)							
		6	8	10	12	14	16	18	20
AH1-4	Load (lb.)/ft.	239	134	86	60	–	–	–	–
	Deflection (in.)	0.318	0.565	0.884	1.272	–	–	–	–
	Deflection Factor	0.001	0.004	0.010	0.021	–	–	–	–

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

Straight Lengths

4 in. Straight Sections / Series 1-4

Ladder, Ventilated and Solid Trough

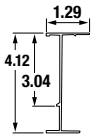


Dimensions

AH1-4		
W (in.)	**Wo (in.)**	**Wi (in.)**
6	7.46	4.88
9	10.46	7.88
12	13.46	10.88
18	19.46	16.88
24	25.46	22.88
30	31.46	28.88
36	37.46	34.88

Technical Specifications

LOAD RATINGS: 1.5 Safety factor. All tray sections will support an additional 200 lb. concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

Series	Dimensions	Siderail Design Factors • 1 Pair	Classifications		
			NEMA	CSA	UL
AH1-4		Ix = 2.19 in.^{4} Sx = 1.05 in.^{3} Area = 0.906 in.^{2}	12A, 8C	C/3 m	UL Cross Sectional Area : 0.60 in.^{2}

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

Straight Lengths

4 in. Straight Sections / Series 3-4, 5-4

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH5-4) 24-L09-144

Material	Style	Series	Siderail Height (in.)	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	3 • Series 3 5 • Series 5	4	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	L06 • 6 in. rung spacing L09 • 9 in. rung spacing L12 • 12 in. rung spacing V • Ventilated S • Solid Trough	144 •(12 ft.) 288 •(24 ft.) 3 •(3 meters) 6 •(6 meters)
Prefix						

Technical Specifications

All calculations and data are based on 36 in. wide cable trays with rungs spaced on 12 in. centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor: For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

For Fittings consult pages A50 to A89.

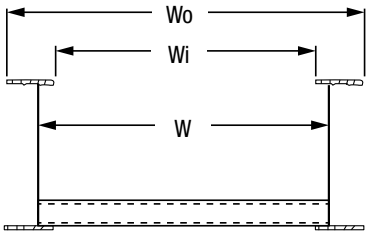
Series		Support Span (Feet)							
		6	8	10	12	14	16	18	20
AH3-4	Load (lb.)/ft.)	522	294	188	131	96	73	58	47
	Deflection (in.)	0.477	0.849	1.326	1.909	2.599	3.395	4.296	5.304
	Deflection Factor	0.001	0.003	0.007	0.015	0.027	0.046	0.074	0.113
AH5-4	Load (lb.)/ft.)	867	488	312	217	159	122	96	78
	Deflection (in.)	0.505	0.898	1.403	2.021	2.751	3.593	4.547	5.614
	Deflection Factor	0.001	0.002	0.004	0.009	0.017	0.029	0.047	0.072

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

Straight Lengths

4 in. Straight Sections / Series 3-4, 5-4

Ladder, Ventilated and Solid Trough

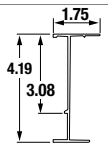
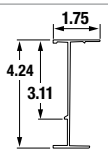


Dimensions

	AH3-4		AH5-4	
W (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)
6	8.38	4.88	8.38	4.88
9	11.38	7.88	11.38	7.88
12	14.38	10.88	14.38	10.88
18	20.38	16.88	20.38	16.88
24	26.38	22.88	26.38	22.88
30	32.38	28.88	32.38	28.88
36	38.38	34.88	38.38	34.88

Technical Specifications

LOAD RATINGS: 1.5 Safety factor. All tray sections will support an additional 200 lb. concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

Series	Dimensions	Siderail Design Factors • 1 Pair	Classifications		
			NEMA	CSA	UL
AH3-4		Ix = 3.34 in.^{4} Sx = 1.50 in.^{3} Area = 1.28 in.^{2}	12C,16B	D/6 m	UL Cross Sectional Area : 1.00 in.^{2}
AH5-4		Ix = 5.32 in.^{4} Sx = 2.36 in.^{3} Area = 1.93 in.^{2}	20B,16C	E/6 m	UL Cross Sectional Area : 1.50 in.^{2}

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

Straight Lengths

5 in. Straight Sections / Series 2-5, 4-5

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH2-5) 24-L09-144

Material	Style	Series	Siderail Height (in.)	Width	Bottom Type	Length
A • Aluminum **Prefix**	H • H-Beam	2 • Series 2 4 • Series 4	**5**	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	L06 • 6 in. rung spacing L09 • 9 in. rung spacing L12 • 12 in. rung spacing V • Ventilated S • Solid Trough	144 •(12 ft.) 288 •(24 ft.) 3 •(3 meters) 6 •(6 meters)

Technical Specifications

All calculations and data are based on 36 in. wide cable trays with rungs spaced on 12 in. centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor: For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

For Fittings consult pages A50 to A89.

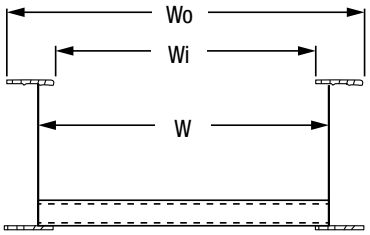
Series		Support Span (Feet)							
		6	8	10	12	14	16	18	20
AH2-5	Load (lb.)/ft.)	511	288	184	128	94	72	57	46
	Deflection (in.)	0.328	0.584	0.912	1.313	1.787	2.334	2.955	3.648
	Deflection Factor	0.001	0.002	0.005	0.010	0.019	0.032	0.052	0.079
AH4-5	Load (lb.)/ft.)	844	475	304	211	155	119	94	76
	Deflection (in.)	0.337	0.599	0.936	1.348	1.834	2.396	3.033	3.744
	Deflection Factor	0.0004	0.001	0.003	0.006	0.012	0.020	0.032	0.049

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

Straight Lengths

5 in. Straight Sections / Series 2-5, 4-5

Ladder, Ventilated and Solid Trough

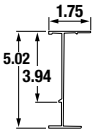
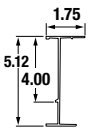


Dimensions

	AH2-5		AH4-5	
W (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)
6	8.39	4.89	8.45	4.95
9	11.39	7.89	11.45	7.95
12	14.39	10.89	14.45	10.95
18	20.39	16.89	20.45	16.95
24	26.39	22.89	26.45	22.95
30	32.39	28.89	32.45	28.95
36	38.39	34.89	38.45	34.95

Technical Specifications

LOAD RATINGS: 1.5 Safety factor. All tray sections will support an additional 200 lb. concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

Series	Dimensions	Siderail Design Factors • 1 Pair	Classifications		
			NEMA	CSA	UL
AH2-5		Ix = 5.236 in.^{4} Sx = 1.90 in.^{3} Area = 1.38 in.^{2}	12C,16A	D/6 m	UL Cross Sectional Area : 1.00 in.^{2}
AH4-5		Ix = 7.654 in.^{4} Sx = 2.78 in.^{3} Area = 1.95 in.^{2}	20B,16C	E/6 m	UL Cross Sectional Area : 1.50 in.^{2}

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

Straight Lengths

6 in. Straight Sections / Series 1-6, 3-6

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH1-6) 24-L09-144

Material	Style	Series	Siderail Height (in.)	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	1 • Series 1 3 • Series 3	6	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	L06 • 6 in. rung spacing L09 • 9 in. rung spacing L12 • 12 in. rung spacing V • Ventilated ** S • Solid Trough	144 •(12 ft.) 288 •(24 ft.) 3 •(3 meters) 6 •(6 meters)
Prefix						

** For load ratings of CSA Class C/NEMA 12C or less, please see an alternative ventilated series of cable tray called - One-Piece found on pages A157 to A189 of this catalogue.

Technical Specifications

All calculations and data are based on 36 in. wide cable trays with rungs spaced on 12 in. centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor: For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

For Fittings consult pages A50 to A89.

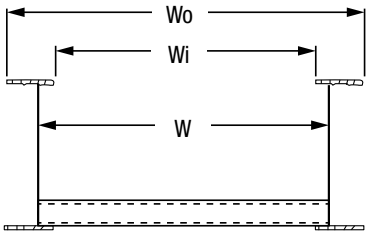
Series		Support Span (Feet)							
		6	8	10	12	14	16	18	20
AH1-6	Load (lb.)/ft.	511	288	184	128	94	71	56	46
	Deflection (in.)	0.191	0.340	0.531	0.764	1.706	1.251	1.583	2.123
	Deflection Factor	0.0004	0.001	0.003	0.006	0.018	0.018	0.028	0.046
AH3-6	Load (lb.)/ft.	889	500	320	222	163	125	99	80
	Deflection (in.)	0.199	0.353	0.552	0.794	1.061	1.386	1.755	2.166
	Deflection Factor	0.0002	0.001	0.002	0.004	0.006	0.011	0.018	0.027

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

Straight Lengths

6 in. Straight Sections / Series 1-6, 3-6

Ladder, Ventilated and Solid Trough

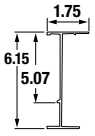
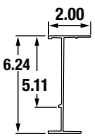


Dimensions

	AH1-6		AH3-6	
W (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)
6	8.37	4.87	8.89	4.89
9	11.37	7.87	11.89	7.89
12	14.37	10.87	14.89	10.89
18	20.37	16.87	20.89	16.89
24	26.37	22.87	26.89	22.89
30	32.37	28.87	32.89	28.89
36	38.37	34.87	38.89	34.89

Technical Specifications

LOAD RATINGS: 1.5 Safety factor. All tray sections will support an additional 200 lb. concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

Series	Dimensions	Siderail Design Factors • 1 Pair	Classifications		
			NEMA	CSA	UL
AH1-6		Ix = 8.472 in.^{4} Sx = 2.59 in.^{3} Area = 1.55 in.^{2}	12C, 16A	D/6 M	UL Cross Sectional Area : 1.00 in.^{2}
AH3-6		Ix = 13.296 in.^{4} Sx = 3.95 in.^{3} Area = 2.16 in.^{2}	20B, 16C	E/6 M	UL Cross Sectional Area : 2.00 in.^{2}

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

Straight Lengths

6 in. Straight Sections / Series 4-6, 5-6, 6-6, 7-6

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH5-6) 24-L09-144

Material	Style	Series	Siderail Height (in.)	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	4 • Series 4 5 • Series 5 6 • Series 6 7 • Series 7	6	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	L06 • 6 in. rung spacing L09 • 9 in. rung spacing L12 • 12 in. rung spacing V • Ventilated S • Solid Trough	144 • (12 ft.) 288 • (24 ft.) 3 • (3 meters) 6 • (6 meters)
Prefix						

Technical Specifications

All calculations and data are based on 36 in. wide cable trays with rungs spaced on 12 in. centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor: For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

For Fittings consult pages A50 to A89.

Series		Support Span (Feet)							
		6	8	10	12	14	16	18	20
AH4-6	Load (lb.)/ft.	1133	638	408	283	208	159	126	102
	Deflection (in.)	0.238	0.424	0.662	0.954	1.298	1.696	2.146	2.649
	Deflection Factor	0.0002	0.001	0.002	0.003	0.006	0.011	0.017	0.026
AH5-6	Load (lb.)/ft.	1334	756	484	336	247	189	149	121
	Deflection (in.)	0.249	0.443	0.693	0.997	1.358	1.773	2.244	2.765
	Deflection Factor	0.0002	0.001	0.001	0.003	0.005	0.009	0.015	0.023
AH6-6	Load (lb.)/ft.	1889	1063	680	472	347	266	210	170
	Deflection (in.)	0.292	0.520	0.812	1.169	1.592	2.079	2.631	3.249
	Deflection Factor	0.0002	0.0004	0.001	0.002	0.005	0.008	0.012	0.019

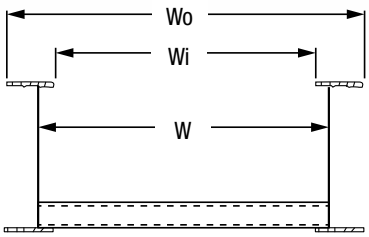
Series		Support Span (Feet)						
		18	20	22	24	26	28	30
AH7-6	Load (lb.)/ft.	208	169	140	117	100	86	75
	Deflection (in.)	2.241	2.766	3.347	3.984	4.675	5.422	6.224
	Deflection Factor	0.011	0.016	0.024	0.034	0.047	0.063	0.083

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

Straight Lengths

6 in. Straight Sections / Series 4-6, 5-6, 6-6, 7-6

Ladder, Ventilated and Solid Trough

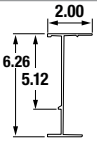
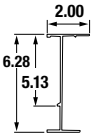
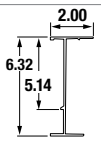
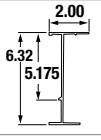


Dimensions

	AH4-6		AH5-6		AH6-6		AH7-6	
W (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)	Wo (in.)	Wi (in.)
6	8.90	4.90	8.93	4.93	9.01	5.01	8.92	4.92
9	11.90	7.90	11.93	7.93	12.01	8.01	11.92	7.92
12	14.90	10.90	14.93	10.93	15.01	11.01	14.92	10.92
18	20.90	16.90	20.93	16.93	21.01	17.01	20.92	16.92
24	26.90	22.90	26.93	22.93	27.01	23.01	26.92	22.92
30	32.90	28.90	32.93	28.93	33.01	29.01	32.92	28.92
36	38.90	34.90	38.93	34.93	39.01	35.01	33.92	34.92

Technical Specifications

LOAD RATINGS: 1.5 Safety factor. All tray sections will support an additional 200 lb. concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

Series	Dimensions	Siderail Design Factors • 1 Pair	Classifications		
			NEMA	CSA	UL
AH4-6		Ix = 13.86 in.4 Sx = 4.07 in.3 Area = 2.32 in.2	**20C**	Exceeds **E/6M**	UL Cross Sectional Area : 2.00 in.^{2}
AH5-6		Ix = 15.72 in.^{4} Sx = 4.66 in.^{3} Area = 2.68 in.^{2}	Exceeds **20C**	Exceeds **E/6M**	UL Cross Sectional Area : 2.00 in.^{2}
AH6-6		Ix = 18.84 in.^{4} Sx = 5.51 in.^{3} Area = 3.25 in.^{2}	Exceeds **20C**	Exceeds **E/6M**	UL Cross Sectional Area : 2.00 in.^{2}
AH7-6		Ix = 21.96 in.^{4} Sx = 6.38 in.^{3} Area = 3.82 in.^{2}	Exceeds **20C**	Exceeds **E/6M**	UL Cross Sectional Area : 2.00 in.^{2}

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

Straight Lengths

7 in. Straight Sections / Series 3-7

Ladder, Ventilated and Solid Trough

Straight Section Number Selection

(AH3-7) 24-L09-144

Material	Style	Series	Siderail Height (in.)	Width	Bottom Type	Length
A • Aluminum	H • H-Beam	3 • Serie 3	7	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	L06 • 6 in. rung spacing L09 • 9 in. rung spacing L12 • 12 in. rung spacing V • Ventilated S • Solid Trough	144 •(12 ft.) 288 •(24 ft.) 3 •(3 meters) 6 •(6 meters)
Prefix						

Technical Specifications

All calculations and data are based on 36 in. wide cable trays with rungs spaced on 12 in. centers with tray supported as simple spans with deflection measured at the midpoint. Continuous spans may reduce deflection by as much as 50%.

Deflection factor: For lighter loads, deflection at any length can be calculated by multiplying the load by the deflection factor.

For Fittings consult pages A50 to A89.

Series		Support Span (Feet)							
		6	8	10	12	14	16	18	20
AH3-7	Load (lb.)/ft.)	1456	819	524	364	267	205	162	131
	Deflection (in.)	0.168	0.298	0.466	0.671	0.913	1.192	1.509	1.863
	Deflection Factor	0.0001	0.0004	0.001	0.002	0.003	0.006	0.009	0.014

Series		Support Span (Feet)						
		18	20	22	24	26	28	30
AH4-7	Load (lb.)/ft.)	292	236	195	164	140	121	105
	Deflection (in.)	1.869	2.308	2.793	3.324	3.901	4.524	5.193
	Deflection Factor	0.006	0.010	0.014	0.020	0.028	0.038	0.049
AH1-8	Load (lb.)/ft.)	522	423	350	294	250	216	188
	Deflection (in.)	2.113	2.609	3.157	3.757	4.409	5.114	5.871
	Deflection Factor	0.004	0.006	0.009	0.013	0.018	0.024	0.031

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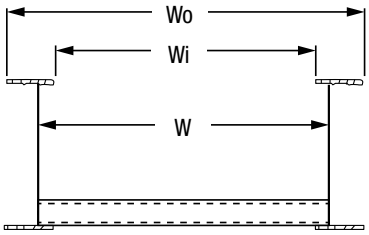
Straight Lengths

7 in. Straight Sections / Series 3-7

Ladder, Ventilated and Solid Trough

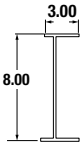
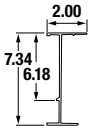
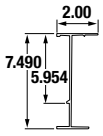


Dimensions

	AH3-7	
W (in.)	**Wo (in.)**	**Wi (in.)**
6	9.00	5.00
9	12.00	8.00
12	15.00	11.00
18	21.00	17.00
24	27.00	23.00
30	33.00	29.00
36	39.00	35.00

Technical Specifications

LOAD RATINGS: 1.5 Safety factor. All tray sections will support an additional 200 lb. concentrated load on any portion of tray (siderail, rung, etc.) above and beyond published load class.

Series	Dimensions	Siderail Design Factors • 1 Pair	Classifications		
			NEMA	CSA	UL
AH1-8		Ix = 58.36 in.^{4} Sx = 13.37 in.^{3} Area = 5.86 in.^{2}	Exceeds **20C**	Exceeds **E/6M**	UL Cross Sectional Area : 2.00 in.^{2}
AH3-7		Ix = 25.32 in.^{4} Sx = 6.35 in.^{3} Area = 3.30 in.^{2}	Exceeds **20C**	Exceeds **E/6M**	UL Cross Sectional Area : 2.00 in.^{2}
AH4-7		Ix = 36.85 in.^{4} Sx = 9.08 in.^{3} Area = 4.65 in.^{2}	Exceeds **20C**	Exceeds **E/6M**	UL Cross Sectional Area : 2.00 in.^{2}

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

Fittings

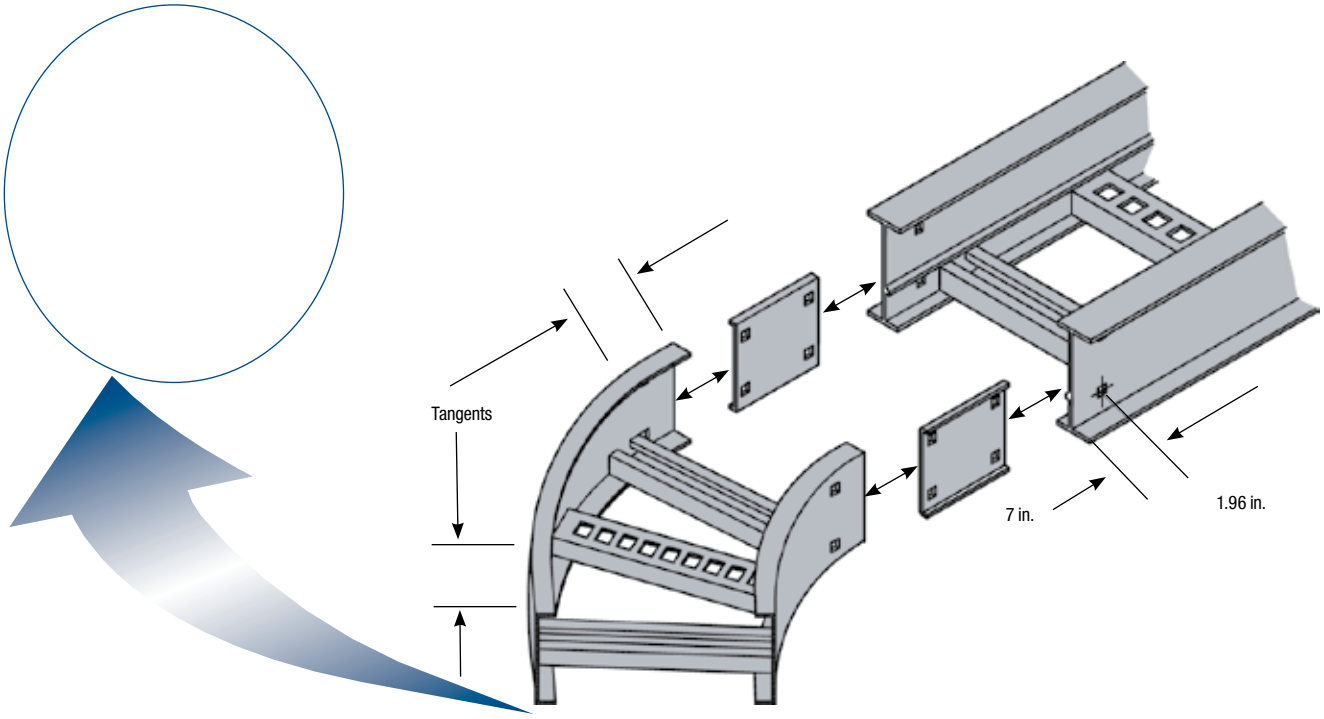
Explaining the Fitting Styles

U-Style

U-Style features fittings constructed with side rail flanges on the inside only (U-Beam)

Features & 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
- Easy to align straights
- Splice plate holds components together while hardware is inserted
- Lighter fittings are easy to handle
- Functional design
- Tangents on fittings
- 7 in. Snap-in splice plate



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

Fittings

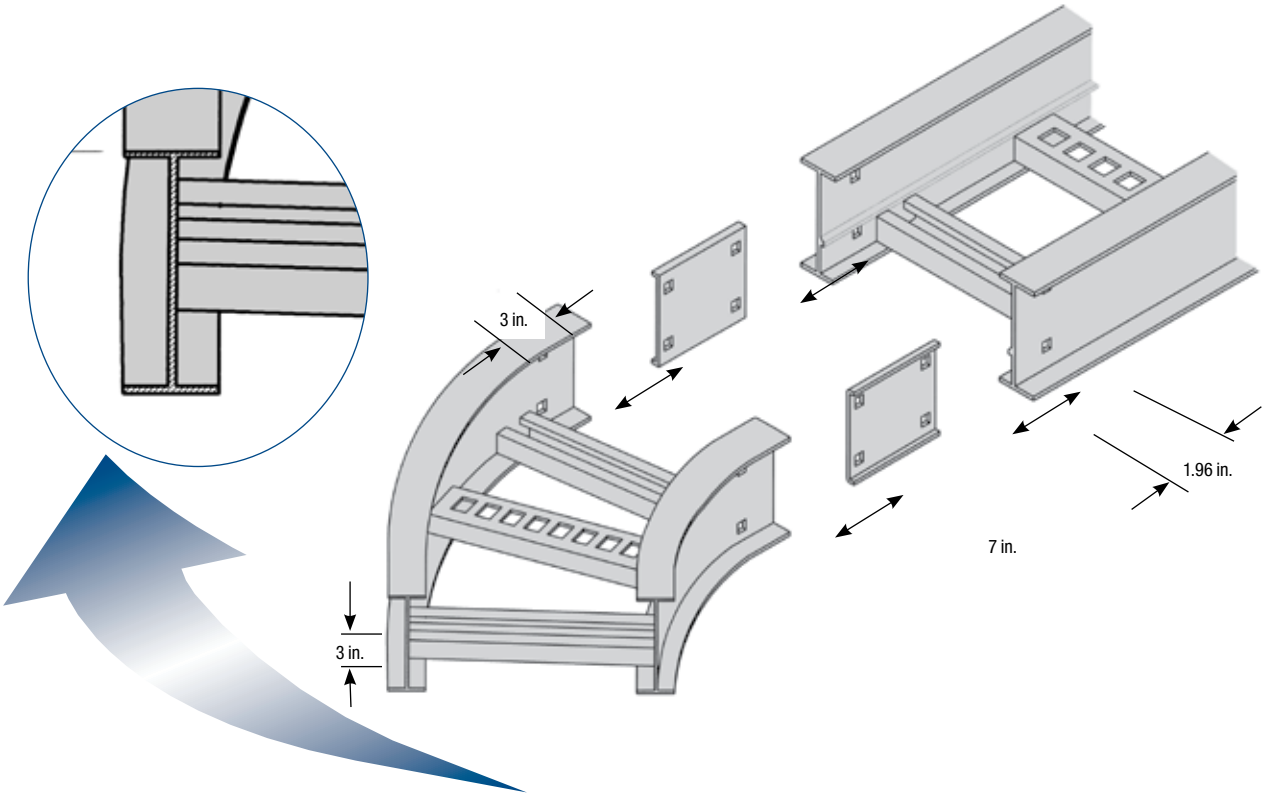
Explaining the Fitting Styles

H-Style

H-Style features fittings constructed with side rail having inner and outer flanges (H-Beam)

Features & 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 in. tangents on fittings
- 7 in. Snap-in splice plate



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

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.

U-Style Fitting

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

H-Style Fitting

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

Fitting Number Selection

(AUF-6)-24-L-VO60-12

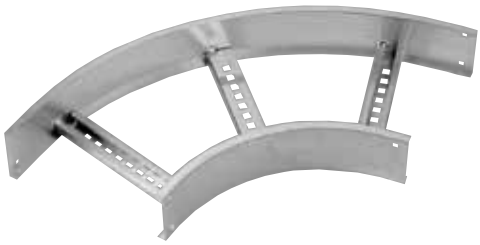
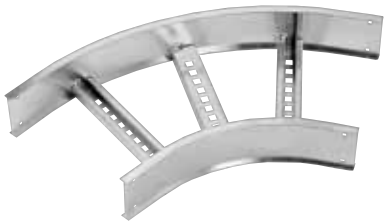
Fitting Material	Fitting Style	Siderail Depth	Width	Bottom Type	Fitting Type	Angle **	Nominal Radius †
A • Aluminum	**UF** • U-Beam **HF** • H-Beam	**4** • (4 in.) **5** • (5 in.) **6** • (6 in.) **7** • (7 in.)	**06** • (6 in.) **09** • (9 in.) **12** • (12 in.) **18** • (18 in.) **24** • (24 in.) **30** • (30 in.) **36** • (36 in.)	**L** • Ladder * **V** • Ventilated *** **S** • Solid Trough ****	**HB** • Horizontal Bend **HT** • Horizontal Tee **HX** • Horizontal Cross **VI** • Vertical Inside Bend **VO** • Vertical Outside Bend **VTD** • Vertical Tee Down **VTU** • Vertical Tee Up **HYR** • Horizontal Wye Right **HYL** • Horizontal Wye Left **RT** • Horizontal Reducing Tee **ET** • Horizontal Expanding Tee **EX** • Horiz. Expand Cross **HLR** • Horizontal Left Reducer **HSR** • Horizontal Straight Reducer **HRR** • Horizontal Right Reducer **CS** • Cable Support Fitting	**30** • (30º) **45** • (45º) **60** • (60º) **90** • (90º)	**12** • (12 in.) **24** • (24 in.) **36** • (36 in.) **48** • (48 in.)
Prefix							

** 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 in. rung spacing measured at the center line of fitting.
*** Manufactured with 4 in. edge to edge rung spacing measured at the center line of fitting.
**** Manufactured with flat sheet inserted under rungs with 9 in. rung spacing measured at the center line of fitting.

Fittings

Horizontal Fittings Selection Guide

Horizontal Bends

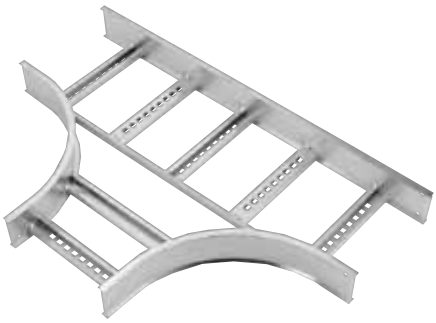
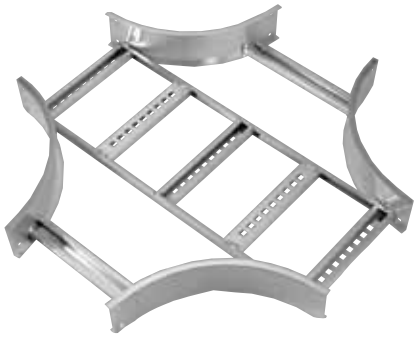
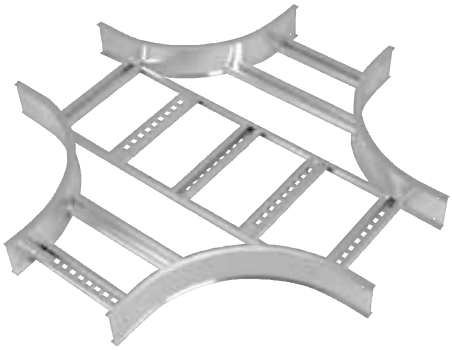
U-Style		H-Style	
			
Page A60	90° Horizontal Bend	Page A61	90° Horizontal Bend
			
Page A60	60° Horizontal Bend	Page A61	60° Horizontal Bend
			
Page A62	45° Horizontal Bend	Page A63	45° Horizontal Bend
			
Page A62	30° Horizontal Bend	Page A63	30° Horizontal Bend

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

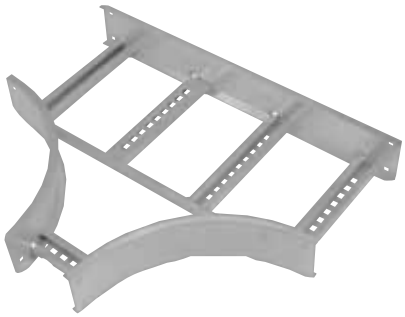
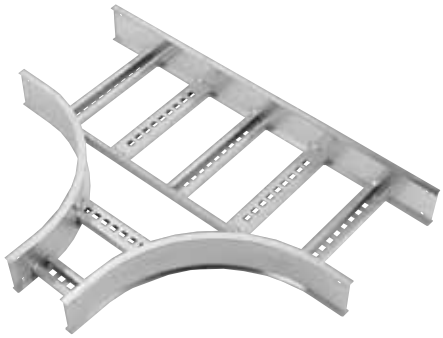
Fittings

Horizontal Fittings Selection Guide

Horizontal Tees, Croses

U-Style		H-Style	
			
Page A64	Tee	Page A65	Tee
			
Page A64	Cross	Page A65	Cross

Horizontal Reducing Tees

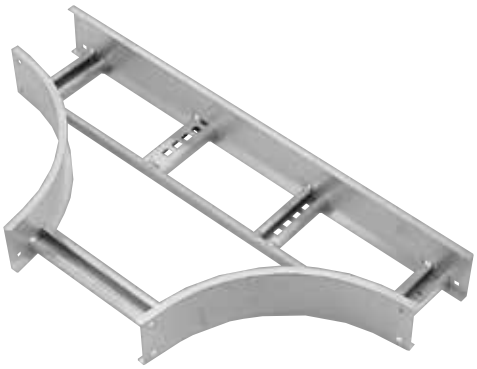
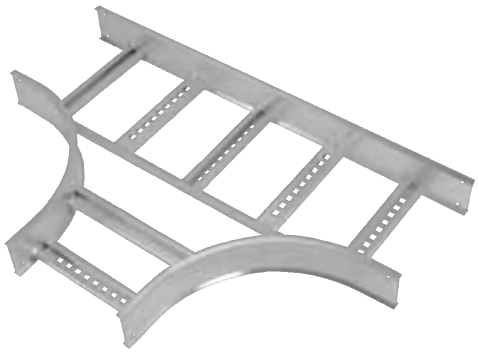
U-Style	H-Style
	
Page A66	Page A67

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

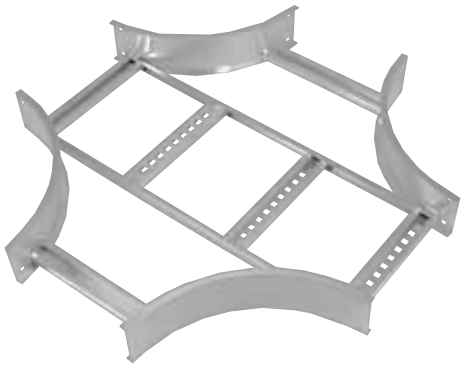
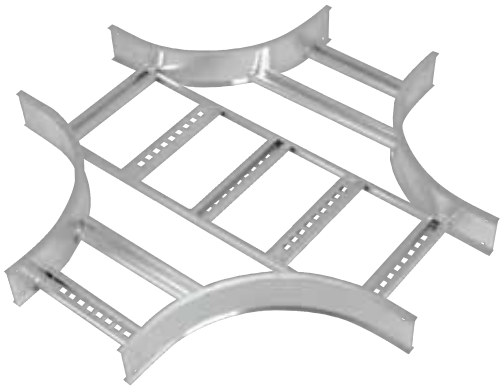
Fittings

Horizontal Fittings Selection Guide

Horizontal Expanding Tees

U-Style	H-Style
	
Page A68 Tee	Page A69 Tee

Horizontal Expanding Crosses

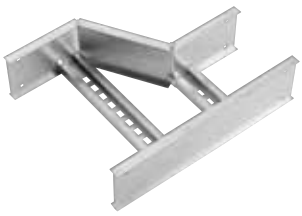
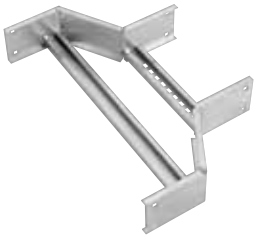
U-Style	H-Style
	
Page A70	Page A71

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

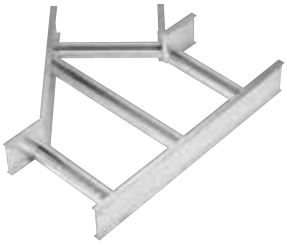
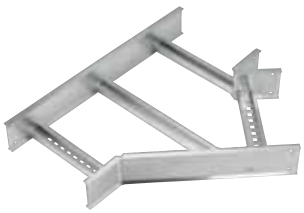
Fittings

Vertical Fittings Selection Guide

Reducers

U-Style		H-Style	
			
Page A72	Offset Reducer - Right	Page A73	Offset Reducer - Right
			
Page A72 / Reducer Straight	Page A72 / Offset Reducer Left	Page A73 / Reducer Straight	Page A73 / Offset Reducer Left

Wyes

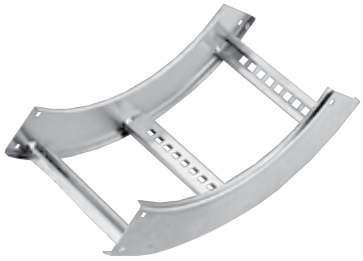
U-Style		H-Style	
			
Page A74	Left Hand Wye	Page A75	Left Hand Wye
			
Page A74	Right Hand Wye	Page A75	Right Hand Wye

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

Fittings

Vertical Fittings Selection Guide

Vertical Bends

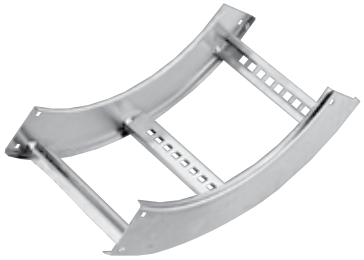
U-Style		H-Style	
			
Page A76	90° Outside Bend	Page A77	90° Outside Bend
			
Page A76	90° Inside Bend	Page A77	90° Inside Bend
			
Page A78	60° Outside Bend	Page A79	60° Outside Bend
			
Page A78	60° Inside Bend	Page A79	60° Inside Bend

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

Fittings

Vertical Fittings Selection Guide

Vertical Bends (Cont'd)

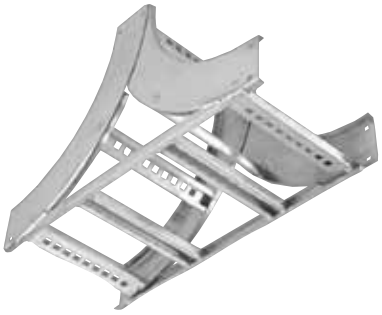
U-Style		H-Style	
			
Page A80	45° Outside Bend	Page A81	90° Outside Bend
			
Page A80	45 0176 Inside Bend	Page A81	90° Inside Bend
			
Page A82	30° Outside Bend	Page A83	60° Outside Bend
			
Page A82	30° Inside Bend	Page A83	60° Inside Bend

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

Fittings

Vertical Fittings Selection Guide

Vertical Tees Up / Down

U-Style		H-Style	
			
Page A84	Up	Page A85	Up
			
Page A84	Down	Page A85	Down

Cable Supports

U-Style	H-Style
	
Page A86	Page A87

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

Fittings

U-Style Fittings Horizontal Bends 90° / 60°

Part Numbering System

AUF-4-24-L-HB60-12

- AUF – Fitting Material and Siderail
- 4 – Siderail Depth
- 24 – Width
- L – Bottom Style
- HB60 – Fitting Type
- 12 – Nominal Radius
- Angle

Selection Guide

Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 90°, 60°
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

90° Horizontal BEND — U-Style

Nominal Radius		Cat. No.	Dimensions		
R	Width		X	Y	Z
12	6	AUF(†)-06-(*)-HB90-12	15	15	15
	9	AUF(†)-09-(*)-HB90-12	16-1/2	16-1/2	16-1/2
	12	AUF(†)-12-(*)-HB90-12	18	18	18
	18	AUF(†)-18-(*)-HB90-12	21	21	21
	24	AUF(†)-24-(*)-HB90-12	24	24	24
	30	AUF(†)-30-(*)-HB90-12	27	27	27
	36	AUF(†)-36-(*)-HB90-12	30	30	30
24	6	AUF(†)-06-(*)-HB90-24	27	27	27
	9	AUF(†)-09-(*)-HB90-24	28-1/2	28-1/2	28-1/2
	12	AUF(†)-12-(*)-HB90-24	30	30	30
	18	AUF(†)-18-(*)-HB90-24	33	33	33
	24	AUF(†)-24-(*)-HB90-24	36	36	36
	30	AUF(†)-30-(*)-HB90-24	39	39	39
	36	AUF(†)-36-(*)-HB90-24	42	42	42
36	6	AUF(†)-06-(*)-HB90-36	39	39	39
	9	AUF(†)-09-(*)-HB90-36	40-1/2	40-1/2	40-1/2
	12	AUF(†)-12-(*)-HB90-36	42	42	42
	18	AUF(†)-18-(*)-HB90-36	45	45	45
	24	AUF(†)-24-(*)-HB90-36	48	48	48
	30	AUF(†)-30-(*)-HB90-36	51	51	51
	36	AUF(†)-36-(*)-HB90-36	54	54	54
48	6	AUF(†)-06-(*)-HB90-48	51	51	51
	9	AUF(†)-09-(*)-HB90-48	52-1/2	52-1/2	52-1/2
	12	AUF(†)-12-(*)-HB90-48	54	54	54
	18	AUF(†)-18-(*)-HB90-48	57	57	57
	24	AUF(†)-24-(*)-HB90-48	60	60	60
	30	AUF(†)-30-(*)-HB90-48	63	63	63
	36	AUF(†)-36-(*)-HB90-48	66	66	66

60° Horizontal BEND — U-Style

Nominal Radius		Cat. No.	Dimensions		
R	Width		X	Y	Z
12	6	AUF(†)-06-(*)-HB60-12	14-7/8	8-5/8	9-15/16
	9	AUF(†)-09-(*)-HB60-12	16-3/16	9-3/8	10-13/16
	12	AUF(†)-12-(*)-HB60-12	17-1/2	10-1/8	11-11/16
	18	AUF(†)-18-(*)-HB60-12	20-1/16	11-5/8	13-3/8
	24	AUF(†)-24-(*)-HB60-12	22-11/16	13-1/8	15-1/8
	30	AUF(†)-30-(*)-HB60-12	25-5/16	14-5/8	16-7/8
	36	AUF(†)-36-(*)-HB60-12	27-7/8	16-1/8	18-9/16
24	6	AUF(†)-06-(*)-HB60-24	25-5/16	14-5/8	16-7/8
	9	AUF(†)-09-(*)-HB60-24	26-9/16	15-3/8	17-3/4
	12	AUF(†)-12-(*)-HB60-24	27-7/8	16-1/8	18-9/16
	18	AUF(†)-18-(*)-HB60-24	30-1/2	17-5/8	20-5/16
	24	AUF(†)-24-(*)-HB60-24	33-1/16	19-1/8	22-1/16
	30	AUF(†)-30-(*)-HB60-24	35-11/16	20-5/8	23-13/16
	36	AUF(†)-36-(*)-HB60-24	38-1/4	22-1/8	25-1/2
36	6	AUF(†)-06-(*)-HB60-36	35-11/16	20-5/8	23-13/16
	9	AUF(†)-09-(*)-HB60-36	37	21-3/8	24-5/8
	12	AUF(†)-12-(*)-HB60-36	38-1/4	22-1/8	25-1/2
	18	AUF(†)-18-(*)-HB60-36	40-7/8	23-5/8	27-2/8
	24	AUF(†)-24-(*)-HB60-36	43-1/2	25-1/8	29
	30	AUF(†)-30-(*)-HB60-36	46-1/16	26-5/8	30-11/16
	36	AUF(†)-36-(*)-HB60-36	48-11/16	28-1/8	32-7/16
48	6	AUF(†)-06-(*)-HB60-48	46-1/16	26-5/8	30-11/16
	9	AUF(†)-09-(*)-HB60-48	47-3/8	27-3/8	31-9/16
	12	AUF(†)-12-(*)-HB60-48	48-11/16	28-1/8	32-7/16
	18	AUF(†)-18-(*)-HB60-48	51-4/16	29-5/8	34-3/16
	24	AUF(†)-24-(*)-HB60-48	53-7/8	31-1/8	35-15/16
	30	AUF(†)-30-(*)-HB60-48	56-7/16	32-5/8	37-5/8
	36	AUF(†)-36-(*)-HB60-48	59-1/16	34-1/8	39-3/8

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

H-Style Fittings Horizontal Bends 90° / 60°

Part Numbering System

AHF-4-24-L-HB60-12

- AHF-4: Fitting Material and Siderail
- 24: Siderail Depth
- L: Bottom Style
- HB60: Fitting Type
- 12: Nominal Radius
- Width
- Angle

Selection Guide

Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 90°, 60°
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

90° Horizontal BEND — H-Style

Nominal Radius		Cat. No.	Dimensions	
R	Width		X	Y
12	6	AHF(†)-06-(*)-HB90-12	18	18
	9	AHF(†)-09-(*)-HB90-12	19-1/2	19-1/2
	12	AHF(†)-12-(*)-HB90-12	21	21
	18	AHF(†)-18-(*)-HB90-12	24	24
	24	AHF(†)-24-(*)-HB90-12	27	27
	30	AHF(†)-30-(*)-HB90-12	30	30
	36	AHF(†)-36-(*)-HB90-12	33	33
24	6	AHF(†)-06-(*)-HB90-24	30	30
	9	AHF(†)-09-(*)-HB90-24	31-1/2	31-1/2
	12	AHF(†)-12-(*)-HB90-24	33	33
	18	AHF(†)-18-(*)-HB90-24	36	36
	24	AHF(†)-24-(*)-HB90-24	39	39
	30	AHF(†)-30-(*)-HB90-24	42	42
	36	AHF(†)-36-(*)-HB90-24	45	45
36	6	AHF(†)-06-(*)-HB90-36	42	42
	9	AHF(†)-09-(*)-HB90-36	43-1/2	43-1/2
	12	AHF(†)-12-(*)-HB90-36	45	45
	18	AHF(†)-18-(*)-HB90-36	48	48
	24	AHF(†)-24-(*)-HB90-36	51	51
	30	AHF(†)-30-(*)-HB90-36	54	54
	36	AHF(†)-36-(*)-HB90-36	57	57
48	6	AHF(†)-06-(*)-HB90-48	54	54
	9	AHF(†)-09-(*)-HB90-48	55-1/2	55-1/2
	12	AHF(†)-12-(*)-HB90-48	57	57
	18	AHF(†)-18-(*)-HB90-48	60	60
	24	AHF(†)-24-(*)-HB90-48	63	63
	30	AHF(†)-30-(*)-HB90-48	66	66
	36	AHF(†)-36-(*)-HB90-48	69	69

60° Horizontal BEND — H-Style

Nominal Radius		Cat. No.	Dimensions		
R	Width		X	Y	Z
12	6	AHF(†)-06-(*)-HB60-12	17-1/2	10-1/8	11-11/16
	9	AHF(†)-09-(*)-HB60-12	18-13/16	10-7/8	12-1/2
	12	AHF(†)-12-(*)-HB60-12	20-1/16	11-5/8	13-3/8
	18	AHF(†)-18-(*)-HB60-12	22-11/16	13-1/8	15-1/8
	24	AHF(†)-24-(*)-HB60-12	25-5/16	14-5/8	16-7/8
	30	AHF(†)-30-(*)-HB60-12	27-7/8	16-1/8	18-9/16
	36	AHF(†)-36-(*)-HB60-12	30-1/2	17-5/8	20-5/16
24	6	AHF(†)-06-(*)-HB60-24	27-7/8	16-1/8	18-9/16
	9	AHF(†)-09-(*)-HB60-24	29-3/16	16-7/8	19-7/16
	12	AHF(†)-12-(*)-HB60-24	30-1/2	17-5/8	20-5/16
	18	AHF(†)-18-(*)-HB60-24	33-1/16	19-1/8	22-1/16
	24	AHF(†)-24-(*)-HB60-24	35-11/16	20-5/8	23-13/16
	30	AHF(†)-30-(*)-HB60-24	38-1/4	22-1/8	25-1/2
	36	AHF(†)-36-(*)-HB60-24	40-7/8	23-5/8	27-1/4
36	6	AHF(†)-06-(*)-HB60-36	38-1/4	22-1/8	25-1/2
	9	AHF(†)-09-(*)-HB60-36	39-9/16	22-7/8	26-3/8
	12	AHF(†)-12-(*)-HB60-36	40-7/8	23-5/8	27-1/4
	18	AHF(†)-18-(*)-HB60-36	43-1/2	25-1/8	29
	24	AHF(†)-24-(*)-HB60-36	46-1/16	26-5/8	30-11/16
	30	AHF(†)-30-(*)-HB60-36	48-11/16	28-1/8	32-7/16
	36	AHF(†)-36-(*)-HB60-36	51-1/4	29-5/8	34-3/16
48	6	AHF(†)-06-(*)-HB60-48	48-11/16	28-1/8	32-7/16
	9	AHF(†)-09-(*)-HB60-48	49-15/16	28-7/8	33-5/16
	12	AHF(†)-12-(*)-HB60-48	51-1/4	29-5/8	34-3/16
	18	AHF(†)-18-(*)-HB60-48	53-7/8	31-1/8	35-15/16
	24	AHF(†)-24-(*)-HB60-48	56-7/16	32-5/8	37-5/8
	30	AHF(†)-30-(*)-HB60-48	59-1/16	34-1/8	39-3/8
	36	AHF(†)-36-(*)-HB60-48	61-11/16	35-5/8	41-1/8

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

U-Style Fittings Horizontal Bends 45º / 30º

Part Numbering System

AUF-4-24-L-HB45-12

- AUF-4: Fitting Material and Siderail
- 24: Width
- L: Bottom Style
- HB45: Fitting Type
- 12: Nominal Radius

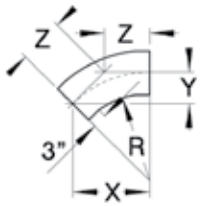
Siderail Depth

Angle

Selection Guide

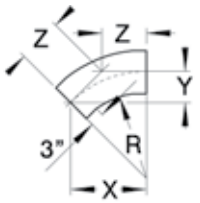
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 45º, 30º
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

45° Horizontal BEND — U-Style



Nominal Radius		Cat. No.	Dimensions		
R	Width		X	Y	Z
12	6	AUF(†)-06-(*)-(+)HB45-12	13-5/8	5-5/8	8
	9	AUF(†)-09-(*)-(+)HB45-12	14-11/16	6-1/16	8-9/16
	12	AUF(†)-12-(*)-(+)HB45-12	15-3/4	6-12	9-3/16
	18	AUF(†)-18-(*)-(+)HB45-12	17-7/8	7-3/8	10-7/16
	24	AUF(†)-24-(*)-(+)HB45-12	20	8-1/4	11-11/16
	30	AUF(†)-30-(*)-(+)HB45-12	22-1/16	9-1/8	12-15/16
	36	AUF(†)-36-(*)-(+)HB45-12	24-3/16	10	14-3/16
24	6	AUF(†)-06-(*)-(+)HB45-24	22-1/16	9-1/8	12-15/16
	9	AUF(†)-09-(*)-(+)HB45-24	23-1/8	9-9/16	13-9/16
	12	AUF(†)-12-(*)-(+)HB45-24	24-3/16	10	14-3/16
	18	AUF(†)-18-(*)-(+)HB45-24	26-5/16	10-15/16	15-7/16
	24	AUF(†)-24-(*)-(+)HB45-24	28-7/16	11-13/16	16-11/16
	30	AUF(†)-30-(*)-(+)HB45-24	30-9/16	12-11/16	17-15/16
	36	AUF(†)-36-(*)-(+)HB45-24	32-11/16	13-9/16	19-1/8
36	6	AUF(†)-06-(*)-(+)HB45-36	30-9/16	12-11/16	17-15/16
	9	AUF(†)-09-(*)-(+)HB45-36	31-5/8	13-1/8	18-9/16
	12	AUF(†)-12-(*)-(+)HB45-36	32-11/16	13-9/16	19-1/8
	18	AUF(†)-18-(*)-(+)HB45-36	34-13/16	14-7/16	20-3/8
	24	AUF(†)-24-(*)-(+)HB45-36	36-15/16	15-5/16	21-5/8
	30	AUF(†)-30-(*)-(+)HB45-36	39-1/16	16-3/16	22-7/8
	36	AUF(†)-36-(*)-(+)HB45-36	41-3/16	17-1/16	24-1/8
48	6	AUF(†)-06-(*)-(+)HB45-48	39-1/16	16-3/16	22-7/8
	9	AUF(†)-09-(*)-(+)HB45-48	40-1/8	16-3/8	23-1/2
	12	AUF(†)-12-(*)-(+)HB45-48	41-3/16	17-1/16	24-1/8
	18	AUF(†)-18-(*)-(+)HB45-48	43-5/16	17-15/16	25-3/8
	24	AUF(†)-24-(*)-(+)HB45-48	45-7/16	18-13/16	26-5/8
	30	AUF(†)-30-(*)-(+)HB45-48	47-9/16	19-11/16	27-7/8
	36	AUF(†)-36-(*)-(+)HB45-48	49-11/16	20-9/16	29-1/8

30° Horizontal BEND — U-Style



Nominal Radius		Cat. No.	Dimensions		
R	Width		X	Y	Z
12	6	AUF(†)-06-(*)-(+)HB30-12	11-5/8	3-18	6-3/16
	9	AUF(†)-09-(*)-(+)HB30-12	12-3/8	3-5/16	6-5/8
	12	AUF(†)-12-(*)-(+)HB30-12	13-1/2	3-1/2	7
	18	AUF(†)-18-(*)-(+)HB30-12	14-5/8	3-15/16	7-13/16
	24	AUF(†)-24-(*)-(+)HB30-12	16-1/8	4-5/16	8-5/8
	30	AUF(†)-30-(*)-(+)HB30-12	17-5/8	4-11/16	9-7/16
	36	AUF(†)-36-(*)-(+)HB30-12	19-1/8	5-1/8	10-1/4
24	6	AUF(†)-06-(*)-(+)HB30-24	17-5/8	4-11/16	9-7/16
	9	AUF(†)-09-(*)-(+)HB30-24	18-3/8	4-15/16	9-13/16
	12	AUF(†)-12-(*)-(+)HB30-24	19-1/8	5-2/16	10-4/16
	18	AUF(†)-18-(*)-(+)HB30-24	20-5/8	5-8/16	11-1/16
	24	AUF(†)-24-(*)-(+)HB30-24	22-1/8	5-15/16	11-13/16
	30	AUF(†)-30-(*)-(+)HB30-24	23-5/8	6-5/16	12-10/16
	36	AUF(†)-36-(*)-(+)HB30-24	25-1/8	6-12/16	13-7/16
36	6	AUF(†)-06-(*)-(+)HB30-36	23-5/8	6-5/16	12-5/8
	9	AUF(†)-09-(*)-(+)HB30-36	24-3/8	6-1/2	13-1/16
	12	AUF(†)-12-(*)-(+)HB30-36	25-1/8	6-3/4	13-7/16
	18	AUF(†)-18-(*)-(+)HB30-36	26-5/8	7-1/4	14-1/4
	24	AUF(†)-24-(*)-(+)HB30-36	28-1/8	7-1/2	15-1/16
	30	AUF(†)-30-(*)-(+)HB30-36	29-5/8	7-15/16	15-7/8
	36	AUF(†)-36-(*)-(+)HB30-36	31-1/8	8-5/16	16-11/16
48	6	AUF(†)-06-(*)-(+)HB30-48	29-5/8	7-15/16	15-7/8
	9	AUF(†)-09-(*)-(+)HB30-48	30-3/8	8-1/8	16-1/4
	12	AUF(†)-12-(*)-(+)HB30-48	31-1/8	8-5/16	16-11/16
	18	AUF(†)-18-(*)-(+)HB30-48	32-5/8	8-3/4	17-1/2
	24	AUF(†)-24-(*)-(+)HB30-48	34-1/8	9-1/8	18-1/4
	30	AUF(†)-30-(*)-(+)HB30-48	35-5/8	9-9/16	19-1/16
	36	AUF(†)-36-(*)-(+)HB30-48	37-1/8	9-15/16	19-7/8

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

H-Style Fittings Horizontal Bends 45º / 30º

Part Numbering System

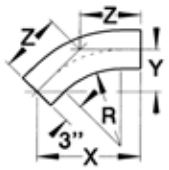
AHF-4-24-L-HB45-12

- AHF-4: Fitting Material and Siderail
- 24: Siderail Depth
- L: Width
- HB: Bottom Style
- 45: Fitting Type
- 12: Angle
- Nominal Radius

Selection Guide

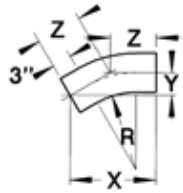
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 45º, 30º
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

45° Horizontal BEND — H-Style



Nominal Radius		Cat. No.	Dimensions		
R	Width		X	Y	Z
12	6	AHF(†)-06-(*)-HB45-12	15-3/4	6-1/2	9-3/16
	9	AHF(†)-09-(*)-HB45-12	16-13/16	6-15/16	9-13/16
	12	AHF(†)-12-(*)-HB45-12	17-7/8	7-3/8	10-7/16
	18	AHF(†)-18-(*)-HB45-12	20	8-1/4	11-11/16
	24	AHF(†)-24-(*)-HB45-12	22-1/16	9-1/8	12-15/16
	30	AHF(†)-30-(*)-HB45-12	24-3/16	10	14-3/16
	36	AHF(†)-36-(*)-HB45-12	26-5/16	10-15/16	15-7/16
24	6	AHF(†)-06-(*)-HB45-24	24-3/16	10	14-3/16
	9	AHF(†)-09-(*)-HB45-24	25-1/4	10-1/2	14-13/16
	12	AHF(†)-12-(*)-HB45-24	26-5/16	10-15/16	15-7/16
	18	AHF(†)-18-(*)-HB45-24	28-7/16	11-13/16	16-11/16
	24	AHF(†)-24-(*)-HB45-24	30-9/16	12-11/16	17-15/16
	30	AHF(†)-30-(*)-HB45-24	32-11/16	13-9/16	19-1/8
	36	AHF(†)-36-(*)-HB45-24	34-13/16	14-7/8	20-3/8
36	6	AHF(†)-06-(*)-HB45-36	32-11/16	13-9/16	19-1/8
	9	AHF(†)-09-(*)-HB45-36	33-3/4	14	19-3/4
	12	AHF(†)-12-(*)-HB45-36	34-13/16	14-7/16	20-3/8
	18	AHF(†)-18-(*)-HB45-36	36-15/16	15-5/16	21-5/8
	24	AHF(†)-24-(*)-HB45-36	39-1/16	16-3/16	22-7/8
	30	AHF(†)-30-(*)-HB45-36	41-3/16	17-1/16	24-1/8
	36	AHF(†)-36-(*)-HB45-36	43-5/16	17-15/16	25-3/8
48	6	AHF(†)-06-(*)-HB45-48	41-3/16	17-1/16	24-1/8
	9	AHF(†)-09-(*)-HB45-48	42-1/4	17-1/2	24-3/4
	12	AHF(†)-12-(*)-HB45-48	43-5/16	17-15/16	25-3/8
	18	AHF(†)-18-(*)-HB45-48	45-7/16	18-13/16	26-5/8
	24	AHF(†)-24-(*)-HB45-48	47-9/16	19-11/16	27-3/4
	30	AHF(†)-30-(*)-HB45-48	49-11/16	20-9/16	29-1/8
	36	AHF(†)-36-(*)-HB45-48	51-13/16	21-7/16	30-5/16

30° Horizontal BEND — H-Style



Nominal Radius		Cat. No.	Dimensions		
R	Width		X	Y	Z
12	6	AHF(†)-06-(*)-HB30-12	13-1/8	3-1/2	7
	9	AHF(†)-09-(*)-HB30-12	13-7/8	3-11/16	7-7/16
	12	AHF(†)-12-(*)-HB30-12	14-5/8	3-15/16	7-13/16
	18	AHF(†)-18-(*)-HB30-12	16-1/8	4-5/16	8-5/8
	24	AHF(†)-24-(*)-HB30-12	17-5/8	4-11/16	9-7/8
	30	AHF(†)-30-(*)-HB30-12	19-1/8	5-1/8	10-1/4
	36	AHF(†)-36-(*)-HB30-12	20-5/8	5-1/2	11-1/16
24	6	AHF(†)-06-(*)-HB30-24	19-1/8	5-1/8	10-1/4
	9	AHF(†)-09-(*)-HB30-24	19-7/8	5-5/16	10-5/8
	12	AHF(†)-12-(*)-HB30-24	20-5/8	5-1/2	11-1/16
	18	AHF(†)-18-(*)-HB30-24	22-1/8	5-5/16	11-13/16
	24	AHF(†)-24-(*)-HB30-24	23-5/8	6-5/16	12-5/8
	30	AHF(†)-30-(*)-HB30-24	25-1/8	6-3/4	13-7/16
	36	AHF(†)-36-(*)-HB30-24	26-5/8	7-1/8	14-1/4
36	6	AHF(†)-06-(*)-HB30-36	25-1/8	6-3/4	13-7/16
	9	AHF(†)-09-(*)-HB30-36	25-7/8	6-15/16	13-7/8
	12	AHF(†)-12-(*)-HB30-36	26-5/8	7-1/8	14-1/4
	18	AHF(†)-18-(*)-HB30-36	28-1/8	7-1/2	15-1/16
	24	AHF(†)-24-(*)-HB30-36	29-5/8	7-15/16	15-7/8
	30	AHF(†)-30-(*)-HB30-36	31-1/8	8-5/16	16-11/16
	36	AHF(†)-36-(*)-HB30-36	32-5/8	8-3/4	17-1/2
48	6	AHF(†)-06-(*)-HB30-48	31-1/8	8-5/16	16-11/16
	9	AHF(†)-09-(*)-HB30-48	31-7/8	8-9/16	17-1/16
	12	AHF(†)-12-(*)-HB30-48	32-5/8	8-3/4	17-1/2
	18	AHF(†)-18-(*)-HB30-48	34-1/8	9-1/8	18-1/4
	24	AHF(†)-24-(*)-HB30-48	35-5/8	9-9/16	19-1/16
	30	AHF(†)-30-(*)-HB30-48	37-1/8	9-15/16	19-7/8
	36	AHF(†)-36-(*)-HB30-48	38-5/8	10-5/16	20-11/16

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

U-Style Fittings Horizontal Tee, Cross

Part Numbering System

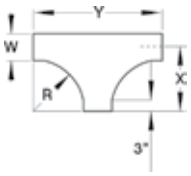
AUF-5-06-L-HT-12

- AUF-5: Fitting Material and Siderail
- 06: Siderail Depth
- L: Bottom Style
- HT: Fitting Type
- 12: Nominal Radius

Selection Guide

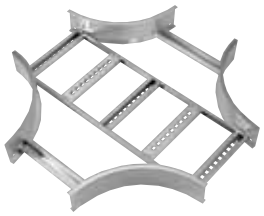
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

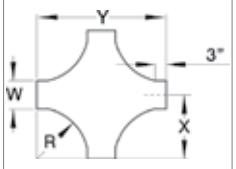
Horizontal TEE — U-Style



Nominal Radius		Cat. No.	Dimensions	
R	Width		X	Y
12	6	AUF(†)-06-(*)-HT12	15	30
	9	AUF(†)-09-(*)-HT12	16-1/2	33
	12	AUF(†)-12-(*)-HT12	18	36
	18	AUF(†)-18-(*)-HT12	21	42
	24	AUF(†)-24-(*)-HT12	24	48
	30	AUF(†)-30-(*)-HT12	27	54
	36	AUF(†)-36-(*)-HT12	30	60
24	6	AUF(†)-06-(*)-HT24	27	54
	9	AUF(†)-09-(*)-HT24	28-1/2	57
	12	AUF(†)-12-(*)-HT24	30	60
	18	AUF(†)-18-(*)-HT24	33	66
	24	AUF(†)-24-(*)-HT24	36	72
	30	AUF(†)-30-(*)-HT24	39	78
	36	AUF(†)-36-(*)-HT24	42	84
36	6	AUF(†)-06-(*)-HT36	39	78
	9	AUF(†)-09-(*)-HT36	40-1/2	81
	12	AUF(†)-12-(*)-HT36	42	84
	18	AUF(†)-18-(*)-HT36	45	90
	24	AUF(†)-24-(*)-HT36	48	96
	30	AUF(†)-30-(*)-HT36	51	102
	36	AUF(†)-36-(*)-HT36	54	108
48	6	AUF(†)-06-(*)-HT48	51	102
	9	AUF(†)-09-(*)-HT48	52-1/2	105
	12	AUF(†)-12-(*)-HT48	54	108
	18	AUF(†)-18-(*)-HT48	57	114
	24	AUF(†)-24-(*)-HT48	60	120
	30	AUF(†)-30-(*)-HT48	63	126
	36	AUF(†)-36-(*)-HT48	66	132

Horizontal CROSS — U-Style





Nominal Radius		Cat. No.	Dimensions	
R	Width		X	Y
12	6	AUF(†)-06-(*)-HX12	15	30
	9	AUF(†)-09-(*)-HX12	16-1/2	33
	12	AUF(†)-12-(*)-HX12	18	36
	18	AUF(†)-18-(*)-HX12	21	42
	24	AUF(†)-24-(*)-HX12	24	48
	30	AUF(†)-30-(*)-HX12	27	54
	36	AUF(†)-36-(*)-HX12	30	60
24	6	AUF(†)-06-(*)-HX24	27	54
	9	AUF(†)-09-(*)-HX24	28-1/2	57
	12	AUF(†)-12-(*)-HX24	30	60
	18	AUF(†)-18-(*)-HX24	33	66
	24	AUF(†)-24-(*)-HX24	36	72
	30	AUF(†)-30-(*)-HX24	39	78
	36	AUF(†)-36-(*)-HX24	42	84
36	6	AUF(†)-06-(*)-HX36	39	78
	9	AUF(†)-09-(*)-HX36	40-1/2	81
	12	AUF(†)-12-(*)-HX36	42	84
	18	AUF(†)-18-(*)-HX36	45	90
	24	AUF(†)-24-(*)-HX36	48	96
	30	AUF(†)-30-(*)-HX36	51	102
	36	AUF(†)-36-(*)-HX36	54	108
48	6	AUF(†)-06-(*)-HX48	51	102
	9	AUF(†)-09-(*)-HX48	52-1/2	105
	12	AUF(†)-12-(*)-HX48	54	108
	18	AUF(†)-18-(*)-HX48	57	114
	24	AUF(†)-24-(*)-HX48	60	120
	30	AUF(†)-30-(*)-HX48	63	126
	36	AUF(†)-36-(*)-HX48	66	132

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

H-Style Fittings Horizontal Tee, Cross

Part Numbering System

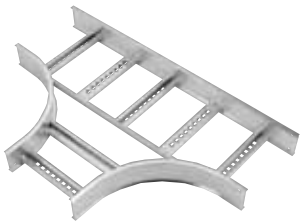
AHF-5-06-L-HT-12

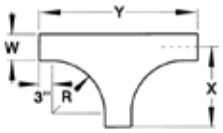
- AHF-5: Fitting Material and Siderail
- 06: Siderail Depth
- L: Width
- HT: Bottom Style
- 12: Fitting Type / Nominal Radius

Selection Guide

Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

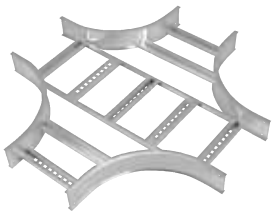
Horizontal TEE — H-Style

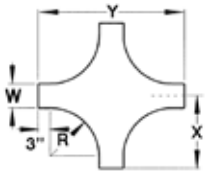




Nominal Radius		Cat. No.	Dimensions	
R	Width		X	Y
12	6	AHF(†)-06-(*)-HT12	18	36
	9	AHF(†)-09-(*)-HT12	19-1/2	39
	12	AHF(†)-12-(*)-HT12	21	42
	18	AHF(†)-18-(*)-HT12	24	48
	24	AHF(†)-24-(*)-HT12	27	54
	30	AHF(†)-30-(*)-HT12	30	60
	36	AHF(†)-36-(*)-HT12	33	66
24	6	AHF(†)-06-(*)-HT24	30	60
	9	AHF(†)-09-(*)-HT24	31-1/2	63
	12	AHF(†)-12-(*)-HT24	33	66
	18	AHF(†)-18-(*)-HT24	36	72
	24	AHF(†)-24-(*)-HT24	39	78
	30	AHF(†)-30-(*)-HT24	42	84
	36	AHF(†)-36-(*)-HT24	45	90
36	6	AHF(†)-06-(*)-HT36	42	84
	9	AHF(†)-09-(*)-HT36	43-1/2	87
	12	AHF(†)-12-(*)-HT36	45	90
	18	AHF(†)-18-(*)-HT36	48	96
	24	AHF(†)-24-(*)-HT36	51	102
	30	AHF(†)-30-(*)-HT36	54	108
	36	AHF(†)-36-(*)-HT36	57	114
48	6	AHF(†)-06-(*)-HT48	54	108
	9	AHF(†)-09-(*)-HT48	55-1/2	111
	12	AHF(†)-12-(*)-HT48	57	114
	18	AHF(†)-18-(*)-HT48	60	120
	24	AHF(†)-24-(*)-HT48	63	126
	30	AHF(†)-30-(*)-HT48	66	132
	36	AHF(†)-36-(*)-HT48	69	138

Horizontal CROSS — H-Style





Nominal Radius		Cat. No.	Dimensions	
R	Width		X	Y
12	6	AHF(†)-06-(*)-HX12	18	36
	9	AHF(†)-09-(*)-HX12	19-1/2	39
	12	AHF(†)-12-(*)-HX12	21	42
	18	AHF(†)-18-(*)-HX12	24	48
	24	AHF(†)-24-(*)-HX12	27	54
	30	AHF(†)-30-(*)-HX12	30	60
	36	AHF(†)-36-(*)-HX12	33	66
24	6	AHF(†)-06-(*)-HX24	30	60
	9	AHF(†)-09-(*)-HX24	31-1/2	63
	12	AHF(†)-12-(*)-HX24	33	66
	18	AHF(†)-18-(*)-HX24	36	72
	24	AHF(†)-24-(*)-HX24	39	78
	30	AHF(†)-30-(*)-HX24	42	84
	36	AHF(†)-36-(*)-HX24	45	90
36	6	AHF(†)-06-(*)-HX36	42	84
	9	AHF(†)-09-(*)-HX36	43-1/2	87
	12	AHF(†)-12-(*)-HX36	45	90
	18	AHF(†)-18-(*)-HX36	48	96
	24	AHF(†)-24-(*)-HX36	51	102
	30	AHF(†)-30-(*)-HX36	54	108
	36	AHF(†)-36-(*)-HX36	57	114
48	6	AHF(†)-06-(*)-HX48	54	108
	9	AHF(†)-09-(*)-HX48	55-1/2	111
	12	AHF(†)-12-(*)-HX48	57	114
	18	AHF(†)-18-(*)-HX48	60	120
	24	AHF(†)-24-(*)-HX48	63	126
	30	AHF(†)-30-(*)-HX48	66	132
	36	AHF(†)-36-(*)-HX48	69	138

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

U-Style Fittings Horizontal Reducing Tee

Part Numbering System

AUF-7-36-24-L-RT-12

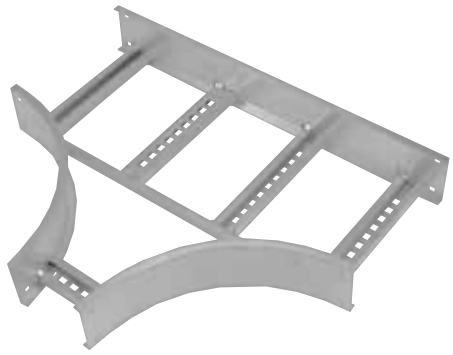
- AUF-7: Fitting Material and Siderail
- 36: Width 1
- 24: Width 2
- L: Bottom Style
- RT: Fitting Type
- 12: Nominal Radius

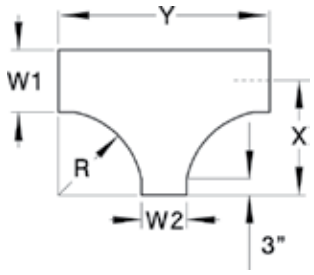
Siderail Depth

Selection Guide

Tray Widths W1: 36, 30, 24, 18, 12, 9
Tray Widths W2: 30, 24, 18, 12, 9, 6
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

Horizontal REDUCING TEE — U-Style





Widths		Cat. No.	(+) 12 in. Nominal Radius		(+) 24 in. Nominal Radius		(+) 36 in. Nominal Radius		(+) 48 in. Nominal Radius	
W1	W2		X	Y	X	Y	X	Y	X	Y
36	30	AUF(†)-3630-(*)-RT(+)	30	54	42	78	54	102	66	126
	24	AUF(†)-3624-(*)-RT(+)	30	48	42	72	54	96	66	120
	18	AUF(†)-3618-(*)-RT(+)	30	42	42	66	54	90	66	114
	12	AUF(†)-3612-(*)-RT(+)	30	36	42	60	54	84	66	108
	9	AUF(†)-3609-(*)-RT(+)	30	33	42	57	54	81	66	105
	6	AUF(†)-3606-(*)-RT(+)	30	30	42	54	54	78	66	102
30	24	AUF(†)-3024-(*)-RT(+)	27	48	39	72	51	96	63	120
	18	AUF(†)-3018-(*)-RT(+)	27	42	39	66	51	90	63	114
	12	AUF(†)-3012-(*)-RT(+)	27	36	39	60	51	84	63	108
	9	AUF(†)-3009-(*)-RT(+)	27	33	39	57	51	81	63	105
	6	AUF(†)-3006-(*)-RT(+)	27	30	39	54	51	78	63	102
24	18	AUF(†)-2418-(*)-RT(+)	24	42	36	66	48	90	60	114
	12	AUF(†)-2412-(*)-RT(+)	24	36	36	60	48	84	60	108
	9	AUF(†)-2409-(*)-RT(+)	24	33	36	57	48	81	60	105
	6	AUF(†)-2406-(*)-RT(+)	24	30	36	54	48	78	60	102
18	12	AUF(†)-1812-(*)-RT(+)	21	36	33	60	45	84	57	108
	9	AUF(†)-1809-(*)-RT(+)	21	33	33	57	45	81	57	105
	6	AUF(†)-1806-(*)-RT(+)	21	30	33	54	45	78	57	102
12	9	AUF(†)-1209-(*)-RT(+)	18	33	30	57	42	81	54	105
	6	AUF(†)-1206-(*)-RT(+)	18	30	30	54	42	78	54	102
9	6	AUF(†)-0906-(*)-RT(+)	16-1/2	30	28-1/2	54	40-1/2	78	52-1/2	102

Fittings

H-Style Fittings Horizontal Reducing Tee

Part Numbering System

AHF-7-36-24-L-RT-12

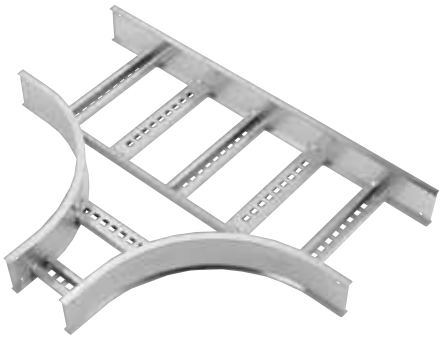
- AHF-7: Fitting Material and Siderail
- 36: Width 1
- 24: Width 2
- L: Bottom Style
- RT: Fitting Type
- 12: Nominal Radius

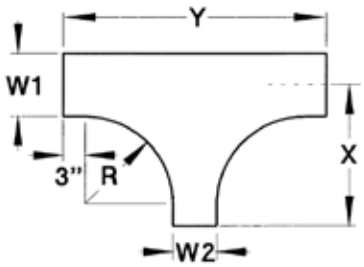
Siderail Depth

Selection Guide

Tray Widths W1: 36, 30, 24, 18, 12, 9
Tray Widths W2: 30, 24, 18, 12, 9, 6
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

Horizontal REDUCING TEE — H-Style





Widths		Cat. No.	(+) 12 in. Nominal Radius		(+) 24 in. Nominal Radius		(+) 36 in. Nominal Radius		(+) 48 in. Nominal Radius	
W1	W2		X	Y	X	Y	X	Y	X	Y
36	30	AHF(†)-3630-(*)-RT(+)	33	60	45	84	57	108	69	132
	24	AHF(†)-3624-(*)-RT(+)	33	54	45	78	57	102	69	126
	18	AHF(†)-3618-(*)-RT(+)	33	48	45	72	57	96	69	120
	12	AHF(†)-3612-(*)-RT(+)	33	42	45	66	57	90	69	114
	9	AHF(†)-3609-(*)-RT(+)	33	39	45	63	57	87	69	111
	6	AHF(†)-3606-(*)-RT(+)	33	36	45	60	57	84	69	108
30	24	AHF(†)-3024-(*)-RT(+)	30	54	42	78	54	102	66	126
	18	AHF(†)-3018-(*)-RT(+)	30	48	42	72	54	96	66	120
	12	AHF(†)-3012-(*)-RT(+)	30	42	42	66	54	90	66	114
	9	AHF(†)-3009-(*)-RT(+)	30	39	42	63	54	87	66	111
	6	AHF(†)-3006-(*)-RT(+)	30	36	42	60	54	84	66	108
24	18	AHF(†)-2418-(*)-RT(+)	27	48	39	72	51	96	63	120
	12	AHF(†)-2412-(*)-RT(+)	27	42	39	66	51	90	63	114
	9	AHF(†)-2409-(*)-RT(+)	27	39	39	63	51	87	63	111
	6	AHF(†)-2406-(*)-RT(+)	27	36	39	60	51	84	63	108
18	12	AHF(†)-1812-(*)-RT(+)	24	42	36	66	48	90	60	114
	9	AHF(†)-1809-(*)-RT(+)	24	39	36	63	48	87	60	111
	6	AHF(†)-1806-(*)-RT(+)	24	36	36	60	48	84	60	108
12	9	AHF(†)-1209-(*)-RT(+)	21	39	33	63	45	87	57	111
	6	AHF(†)-1206-(*)-RT(+)	21	36	33	60	45	84	57	108
9	6	AHF(†)-0906-(*)-RT(+)	19-1/2	36	31-1/2	60	43-1/2	84	55-1/2	108

Fittings

U-Style Fittings Horizontal Expanding Tee

Part Numbering System

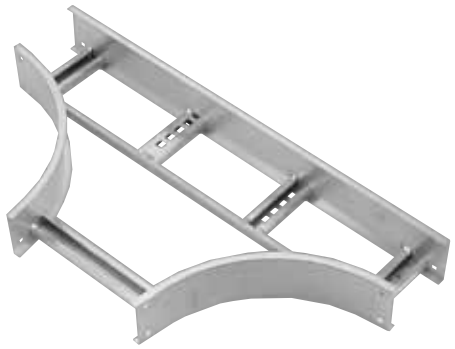
AUF-4-06-09-L-ET-24

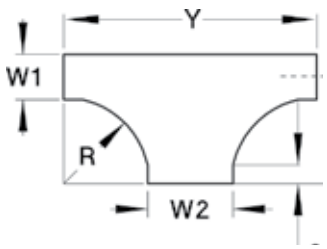
- AUF-4: Fitting Material and Siderail
- 06: Siderail Depth
- 09: Width 1
- L: Width 2
- ET: Bottom Style
- 24: Fitting Type / Nominal Radius

Selection Guide

Tray Widths W1: 30, 24, 18, 12, 9, 6
Tray Widths W2: 36, 30, 24, 18, 12, 9
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

Horizontal EXPANDING TEE — U-Style





Widths		Cat. No.	(+) 12 in. Nominal Radius		(+) 24 in. Nominal Radius		(+) 36 in. Nominal Radius		(+) 48 in. Nominal Radius	
W1	W2		X	Y	X	Y	X	Y	X	Y
30	36	AUF(†)-3036-(*)-ET(+)	27	60	39	84	51	108	63	132
24	30	AUF(†)-2430-(*)-ET(+)	24	54	36	78	48	102	60	126
	36	AUF(†)-2436-(*)-ET(+)	24	60	36	84	48	108	60	132
18	24	AUF(†)-1824-(*)-ET(+)	21	48	33	72	45	96	57	120
	30	AUF(†)-1830-(*)-ET(+)	21	54	33	78	45	102	57	126
	36	AUF(†)-1836-(*)-ET(+)	21	60	33	84	45	108	57	132
12	18	AUF(†)-1218-(*)-ET(+)	18	42	30	66	42	90	54	114
	24	AUF(†)-1224-(*)-ET(+)	18	48	30	72	42	96	54	120
	30	AUF(†)-1230-(*)-ET(+)	18	54	30	78	42	102	54	126
	36	AUF(†)-1236-(*)-ET(+)	18	60	30	84	42	108	54	132
9	12	AUF(†)-0912-(*)-ET(+)	16-1/2	36	28-1/2	60	40-1/2	84	52-1/2	108
	18	AUF(†)-0918-(*)-ET(+)	16-1/2	42	28-1/2	66	40-1/2	90	52-1/2	114
	24	AUF(†)-0924-(*)-ET(+)	16-1/2	48	28-1/2	72	40-1/2	96	52-1/2	120
	30	AUF(†)-0930-(*)-ET(+)	16-1/2	54	28-1/2	78	40-1/2	102	52-1/2	126
	36	AUF(†)-0936-(*)-ET(+)	16-1/2	60	28-1/2	84	40-1/2	108	52-1/2	132
6	9	AUF(†)-0609-(*)-ET(+)	15	33	27	57	39	81	51	105
	12	AUF(†)-0612-(*)-ET(+)	15	36	27	60	39	84	51	108
	18	AUF(†)-0618-(*)-ET(+)	15	42	27	66	39	90	51	114
	24	AUF(†)-0624-(*)-ET(+)	15	48	27	72	39	96	51	120
	30	AUF(†)-0630-(*)-ET(+)	15	54	27	78	39	102	51	126
	36	AUF(†)-0636-(*)-ET(+)	15	60	27	84	39	108	51	132

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert radius (12 in. – 48 in.). Includes 2 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.

Fittings

H-Style Fittings Horizontal Expanding Tee

Part Numbering System

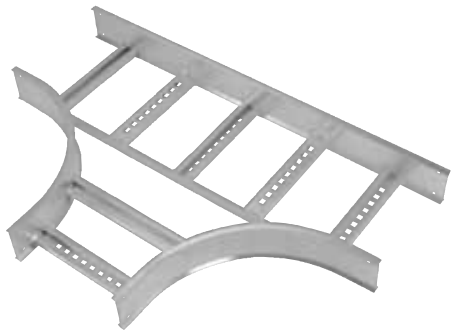
AHF-4-06-09-L-ET-24

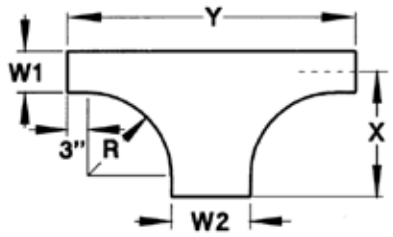
- AHF-4: Fitting Material and Siderail
- 06: Siderail Depth
- 09: Width 1
- L: Width 2
- ET: Bottom Style
- 24: Fitting Type / Nominal Radius

Selection Guide

Tray Widths W1: 30, 24, 18, 12, 9, 6
Tray Widths W2: 36, 30, 24, 18, 12, 9
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

Horizontal EXPANDING TEE — H-Style





Widths		Cat. No.	(+) 12 in. Nominal Radius		(+) 24 in. Nominal Radius		(+) 36 in. Nominal Radius		(+) 48 in. Nominal Radius	
W1	W2		X	Y	X	Y	X	Y	X	Y
30	36	AHF(†)-3036-(*)-ET(+)	30	66	42	90	54	114	66	138
24	30	AHF(†)-2430-(*)-ET(+)	27	60	39	84	51	108	63	132
	36	AHF(†)-2436-(*)-ET(+)	27	66	39	90	51	114	63	138
18	24	AHF(†)-1824-(*)-ET(+)	24	54	36	78	48	102	60	126
	30	AHF(†)-1830-(*)-ET(+)	24	60	36	84	48	108	60	132
	36	AHF(†)-1836-(*)-ET(+)	24	66	36	90	48	114	60	138
12	18	AHF(†)-1218-(*)-ET(+)	21	48	33	72	45	96	57	120
	24	AHF(†)-1224-(*)-ET(+)	21	54	33	78	45	102	57	126
	30	AHF(†)-1230-(*)-ET(+)	21	60	33	84	45	108	57	132
	36	AHF(†)-1236-(*)-ET(+)	21	66	33	90	45	114	57	138
9	12	AHF(†)-0912-(*)-ET(+)	19-1/2	42	31-1/2	66	43-1/2	90	55-1/2	114
	18	AHF(†)-0918-(*)-ET(+)	19-1/2	48	31-1/2	72	43-1/2	96	55-1/2	120
	24	AHF(†)-0924-(*)-ET(+)	19-1/2	54	31-1/2	78	43-1/2	102	55-1/2	126
	30	AHF(†)-0930-(*)-ET(+)	19-1/2	60	31-1/2	84	43-1/2	108	55-1/2	132
	36	AHF(†)-0936-(*)-ET(+)	19-1/2	66	31-1/2	90	43-1/2	114	55-1/2	138
6	9	AHF(†)-0609-(*)-ET(+)	18	39	30	63	42	87	54	111
	12	AHF(†)-0612-(*)-ET(+)	18	42	30	66	42	90	54	114
	18	AHF(†)-0618-(*)-ET(+)	18	48	30	72	42	96	54	120
	24	AHF(†)-0624-(*)-ET(+)	18	54	30	78	42	102	54	126
	30	AHF(†)-0630-(*)-ET(+)	18	60	30	84	42	108	54	132
	36	AHF(†)-0636-(*)-ET(+)	18	66	30	90	42	114	54	138

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert radius (12 in. – 48 in.). Includes 2 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.

Fittings

U-Style Fittings Horizontal Expanding Cross

Part Numbering System

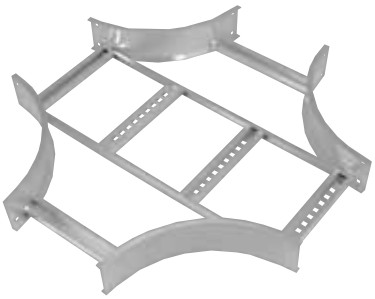
AUF-5-18-24-L-EX36

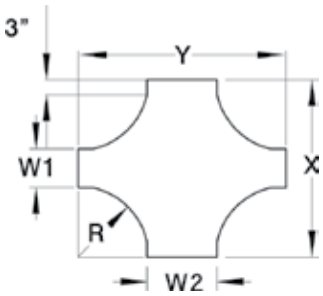
- AUF-5: Fitting Material and Siderail
- 18: Width 1
- 24: Width 2
- L: Bottom Style
- EX36: Nominal Radius
- Siderail Depth
- Fitting Type

Selection Guide

Tray Widths W1: 30, 24, 18, 12, 9, 6
Tray Widths W2: 36, 30, 24, 18, 12, 9
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

Horizontal EXPANDING CROSS — U-Style





Widths		Cat. No.	(+) 12 in. Nominal Radius		(+) 24 in. Nominal Radius		(+) 36 in. Nominal Radius		(+) 48 in. Nominal Radius	
W1	W2		X	Y	X	Y	X	Y	X	Y
30	36	AUF(†)-3036-(*)-EX(+)	54	60	78	84	102	108	126	132
24	30	AUF(†)-2430-(*)-EX(+)	48	54	72	78	96	102	120	126
	36	AUF(†)-2436-(*)-EX(+)	48	60	72	84	96	108	120	132
18	24	AUF(†)-1824-(*)-EX(+)	42	48	66	72	90	96	114	120
	30	AUF(†)-1830-(*)-EX(+)	42	54	66	78	90	102	114	126
	36	AUF(†)-1836-(*)-EX(+)	42	60	66	84	90	108	114	132
12	18	AUF(†)-1218-(*)-EX(+)	36	42	60	66	84	90	108	114
	24	AUF(†)-1224-(*)-EX(+)	36	48	60	72	84	96	108	120
	30	AUF(†)-1230-(*)-EX(+)	36	54	60	78	84	102	108	126
	36	AUF(†)-1236-(*)-EX(+)	36	60	60	84	84	108	108	132
9	12	AUF(†)-0912-(*)-EX(+)	33	36	57	60	81	84	105	108
	18	AUF(†)-0918-(*)-EX(+)	33	42	57	66	81	90	105	114
	24	AUF(†)-0924-(*)-EX(+)	33	48	57	72	81	96	105	120
	30	AUF(†)-0930-(*)-EX(+)	33	54	57	78	81	102	105	126
	36	AUF(†)-0936-(*)-EX(+)	33	60	57	84	81	108	105	132
6	9	AUF(†)-0609-(*)-EX(+)	30	33	54	57	78	81	102	105
	12	AUF(†)-0612-(*)-EX(+)	30	36	54	60	78	84	102	108
	18	AUF(†)-0618-(*)-EX(+)	30	42	54	66	78	90	102	114
	24	AUF(†)-0624-(*)-EX(+)	30	48	54	72	78	96	102	120
	30	AUF(†)-0630-(*)-EX(+)	30	54	54	78	78	102	102	126
	36	AUF(†)-0636-(*)-EX(+)	30	60	54	84	78	108	102	132

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert radius (12 in. – 48 in.). Includes 2 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.

Fittings

H-Style Fittings Horizontal Expanding Cross

Part Numbering System

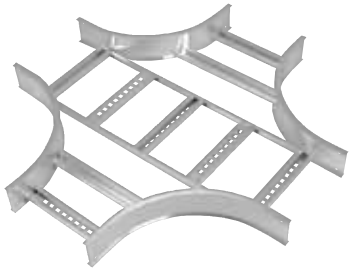
AHF-5-30-36-L-EX-36

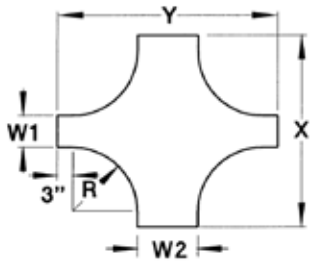
- AHF-5: Fitting Material and Siderail
- 30: Width 1
- 36: Width 2
- L: Bottom Style
- EX: Fitting Type
- 36: Nominal Radius
- 5: Siderail Depth

Selection Guide

Tray Widths W1: 30, 24, 18, 12, 9, 6
Tray Widths W2: 36, 30, 24, 18, 12, 9
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

Horizontal EXPANDING CROSS — H-Style





Widths		Cat. No.	(+) 12 in. Nominal Radius		(+) 24 in. Nominal Radius		(+)36 in. Nominal Radius		(+) 48 in. Nominal Radius	
W1	W2		X	Y	X	Y	X	Y	X	Y
30	36	AHF(†)-3036-(*)-EX(+)	60	66	84	90	108	114	132	138
24	30	AHF(†)-2430-(*)-EX(+)	54	60	78	84	102	108	126	132
	36	AHF(†)-2436-(*)-EX(+)	54	66	78	90	102	114	126	138
18	24	AHF(†)-1824-(*)-EX(+)	48	54	72	78	96	102	120	126
	30	AHF(†)-1830-(*)-EX(+)	48	60	72	84	96	108	120	132
	36	AHF(†)-1836-(*)-EX(+)	48	66	72	90	96	114	120	138
12	18	AHF(†)-1218-(*)-EX(+)	42	48	66	72	90	96	114	120
	24	AHF(†)-1224-(*)-EX(+)	42	54	66	78	90	102	114	126
	30	AHF(†)-1230-(*)-EX(+)	42	60	66	84	90	108	114	132
	36	AHF(†)-1236-(*)-EX(+)	42	66	66	90	90	114	114	138
9	12	AHF(†)-0912-(*)-EX(+)	39	42	63	66	87	90	111	114
	18	AHF(†)-0918-(*)-EX(+)	39	48	63	72	87	96	111	120
	24	AHF(†)-0924-(*)-EX(+)	39	54	63	78	87	102	111	126
	30	AHF(†)-0930-(*)-EX(+)	39	60	63	84	87	108	111	132
	36	AHF(†)-0936-(*)-EX(+)	39	66	63	90	87	114	111	138
6	9	AHF(†)-0609-(*)-EX(+)	36	39	60	63	84	87	108	111
	12	AHF(†)-0612-(*)-EX(+)	36	42	60	66	84	90	108	114
	18	AHF(†)-0618-(*)-EX(+)	36	48	60	72	84	96	108	120
	24	AHF(†)-0624-(*)-EX(+)	36	54	60	78	84	102	108	126
	30	AHF(†)-0630-(*)-EX(+)	36	60	60	84	84	108	108	132
	36	AHF(†)-0636-(*)-EX(+)	36	66	60	90	84	114	108	138

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert radius (12 in. – 48 in.). Includes 2 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.

Fittings

U-Style Fittings Reducers

Part Numbering System

AUF-6-36-18-L-HLR

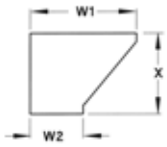
- AUF-6: Fitting Material and Siderail
- 36: Width 1
- 18: Siderail Depth
- L: Bottom Style
- H: Width 2
- LR: Fitting Type

Selection Guide

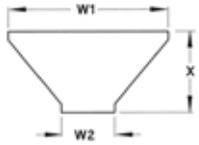
Tray Widths W1: 36, 30, 24, 18, 12, 9
Tray Widths W2: 30, 24, 18, 12, 9, 6
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

Horizontal REDUCERS — U-Style

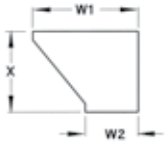
Offset Reducer - Right



Reducer - Straight



Offset Reducer - Left



Widths		Left Reducer		Straight Reducer (Concentric)		Right Reducer	
W1	W2	Cat. No.	Dim. X	Cat. No.	Dim. X	Cat. No.	Dim. X
36	30	AUF(†)-36-30-(*)-HLR	15-7/16	AUF(†)-36-30-(*)-HSR	13-3/4	AUF(†)-36-30-(*)-HRR	15-7/16
	24	AUF(†)-36-24-(*)-HLR	18-15/16	AUF(†)-36-24-(*)-HSR	15-7/16	AUF(†)-36-24-(*)-HRR	18-15/16
	18	AUF(†)-36-18-(*)-HLR	22-3/8	AUF(†)-36-18-(*)-HSR	17-3/8	AUF(†)-36-18-(*)-HRR	22-3/8
	12	AUF(†)-36-12-(*)-HLR	25-7/8	AUF(†)-36-12-(*)-HSR	18-5/16	AUF(†)-36-12-(*)-HRR	25-7/8
	9	AUF(†)-36-09-(*)-HLR	27-9/16	AUF(†)-36-09-(*)-HSR	19-13/16	AUF(†)-36-09-(*)-HRR	27-9/16
	6	AUF(†)-36-06-(*)-HLR	29-5/16	AUF(†)-36-06-(*)-HSR	20-11/16	AUF(†)-36-06-(*)-HRR	29-5/16
30	24	AUF(†)-30-24-(*)-HLR	15-7/16	AUF(†)-30-24-(*)-HSR	13-3/4	AUF(†)-30-24-(*)-HRR	15-7/16
	18	AUF(†)-30-18-(*)-HLR	18-15/16	AUF(†)-30-18-(*)-HSR	15-7/16	AUF(†)-30-18-(*)-HRR	18-15/16
	12	AUF(†)-30-12-(*)-HLR	22-3/8	AUF(†)-30-12-(*)-HSR	17-3/16	AUF(†)-30-12-(*)-HRR	22-3/8
	9	AUF(†)-30-09-(*)-HLR	24-1/8	AUF(†)-30-09-(*)-HSR	18-1/16	AUF(†)-30-09-(*)-HRR	24-1/8
	6	AUF(†)-30-06-(*)-HLR	25-7/8	AUF(†)-30-06-(*)-HSR	18-15/16	AUF(†)-30-06-(*)-HRR	25-7/8
24	18	AUF(†)-24-18-(*)-HLR	15-7/16	AUF(†)-24-18-(*)-HSR	13-3/4	AUF(†)-24-18-(*)-HRR	15-7/16
	12	AUF(†)-24-12-(*)-HLR	18-15/16	AUF(†)-24-12-(*)-HSR	15-7/16	AUF(†)-24-12-(*)-HRR	18-15/16
	9	AUF(†)-24-09-(*)-HLR	20-11/16	AUF(†)-24-09-(*)-HSR	16-5/16	AUF(†)-24-09-(*)-HRR	20-11/16
	6	AUF(†)-24-06-(*)-HLR	22-3/8	AUF(†)-24-06-(*)-HSR	17-3/16	AUF(†)-24-06-(*)-HRR	22-3/8
18	12	AUF(†)-18-12-(*)-HLR	15-7/16	AUF(†)-18-12-(*)-HSR	13-3/4	AUF(†)-18-12-(*)-HRR	15-7/16
	9	AUF(†)-18-09-(*)-HLR	17-3/16	AUF(†)-18-09-(*)-HSR	14-5/8	AUF(†)-18-09-(*)-HRR	17-3/16
	6	AUF(†)-18-06-(*)-HLR	18-15/16	AUF(†)-18-06-(*)-HSR	15-7/16	AUF(†)-18-06-(*)-HRR	18-15/16
12	9	AUF(†)-12-09-(*)-HLR	13-3/4	AUF(†)-12-09-(*)-HSR	12-7/8	AUF(†)-12-09-(*)-HRR	13-3/4
	6	AUF(†)-12-06-(*)-HLR	15-7/16	AUF(†)-12-06-(*)-HSR	13-3/4	AUF(†)-12-06-(*)-HRR	15-7/16
9	6	AUF(†)-09-06-(*)-HLR	13-3/4	AUF(†)-09-06-(*)-HSR	12-7/8	AUF(†)-09-06-(*)-HRR	13-3/4

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

H-Style Fittings Reducers

Part Numbering System

AHF-6-36-18-L-HLR

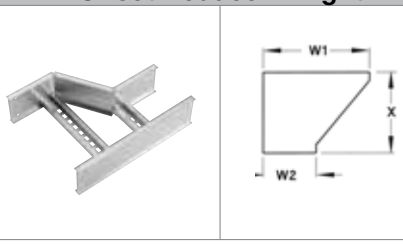
- AHF-6: Fitting Material and Siderail
- 36: Width 1
- 18: Siderail Depth
- L: Bottom Style
- HLR: Fitting Type
- Width 2

Selection Guide

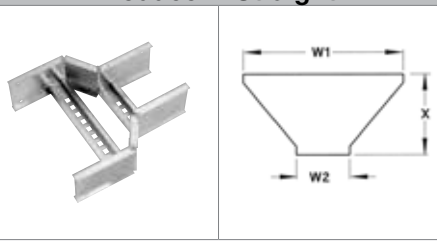
Tray Widths W1: 36, 30, 24, 18, 12, 9
Tray Widths W2: 30, 24, 18, 12, 9, 6
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

Horizontal REDUCERS — H-Style

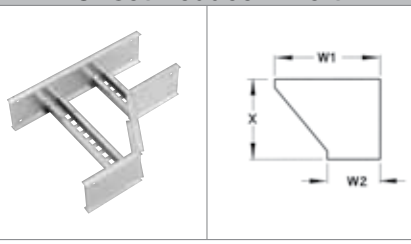
Offset Reducer - Right



Reducer - Straight



Offset Reducer - Left



Widths		Left Reducer		Straight Reducer (Concentric)		Right Reducer	
W1	W2	Cat. No.	Dim. X	Cat. No.	Dim. X	Cat. No.	Dim. X
36	30	AHF(†)-36-30-(*)-HLR	15-7/16	AHF(†)-36-30-(*)-HSR	13-3/4	AHF(†)-36-30-(*)-HRR	15-7/16
	24	AHF(†)-36-24-(*)-HLR	18-15/16	AHF(†)-36-24-(*)-HSR	15-7/16	AHF(†)-36-24-(*)-HRR	18-15/16
	18	AHF(†)-36-18-(*)-HLR	22-3/8	AHF(†)-36-18-(*)-HSR	17-3/8	AHF(†)-36-18-(*)-HRR	22-3/8
	12	AHF(†)-36-12-(*)-HLR	25-7/8	AHF(†)-36-12-(*)-HSR	18-5/16	AHF(†)-36-12-(*)-HRR	25-7/8
	9	AHF(†)-36-09-(*)-HLR	27-9/16	AHF(†)-36-09-(*)-HSR	19-13/16	AHF(†)-36-09-(*)-HRR	27-9/16
	6	AHF(†)-36-06-(*)-HLR	29-5/16	AHF(†)-36-06-(*)-HSR	20-11/16	AHF(†)-36-06-(*)-HRR	29-5/16
30	24	AHF(†)-30-24-(*)-HLR	15-7/16	AHF(†)-30-24-(*)-HSR	13-3/4	AHF(†)-30-24-(*)-HRR	15-7/16
	18	AHF(†)-30-18-(*)-HLR	18-15/16	AHF(†)-30-18-(*)-HSR	15-7/16	AHF(†)-30-18-(*)-HRR	18-15/16
	12	AHF(†)-30-12-(*)-HLR	22-3/8	AHF(†)-30-12-(*)-HSR	17-3/16	AHF(†)-30-12-(*)-HRR	22-3/8
	9	AHF(†)-30-09-(*)-HLR	24-1/8	AHF(†)-30-09-(*)-HSR	18-1/16	AHF(†)-30-09-(*)-HRR	24-1/8
	6	AHF(†)-30-06-(*)-HLR	25-7/8	AHF(†)-30-06-(*)-HSR	18-15/16	AHF(†)-30-06-(*)-HRR	25-7/8
24	18	AHF(†)-24-18-(*)-HLR	15-7/16	AHF(†)-24-18-(*)-HSR	13-3/4	AHF(†)-24-18-(*)-HRR	15-7/16
	12	AHF(†)-24-12-(*)-HLR	18-15/16	AHF(†)-24-12-(*)-HSR	15-7/16	AHF(†)-24-12-(*)-HRR	18-15/16
	9	AHF(†)-24-09-(*)-HLR	20-11/16	AHF(†)-24-09-(*)-HSR	16-5/16	AHF(†)-24-09-(*)-HRR	20-11/16
	6	AHF(†)-24-06-(*)-HLR	22-3/8	AHF(†)-24-06-(*)-HSR	17-3/16	AHF(†)-24-06-(*)-HRR	22-3/8
18	12	AHF(†)-18-12-(*)-HLR	15-7/16	AHF(†)-18-12-(*)-HSR	13-3/4	AHF(†)-18-12-(*)-HRR	15-7/16
	9	AHF(†)-18-09-(*)-HLR	17-3/16	AHF(†)-18-09-(*)-HSR	14-5/8	AHF(†)-18-09-(*)-HRR	17-3/16
	6	AHF(†)-18-06-(*)-HLR	18-15/16	AHF(†)-18-06-(*)-HSR	15-7/16	AHF(†)-18-06-(*)-HRR	18-15/16
12	9	AHF(†)-12-09-(*)-HLR	13-3/4	AHF(†)-12-09-(*)-HSR	12-7/8	AHF(†)-12-09-(*)-HRR	13-3/4
	6	AHF(†)-12-06-(*)-HLR	15-7/16	AHF(†)-12-06-(*)-HSR	13-3/4	AHF(†)-12-06-(*)-HRR	15-7/16
9	6	AHF(†)-09-06-(*)-HLR	13-3/4	AHF(†)-09-06-(*)-HSR	12-7/8	AHF(†)-09-06-(*)-HRR	13-3/4

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

U-Style Fittings Horizontal Wye 45º

Part Numbering System

AUF-6-36-L-HYL

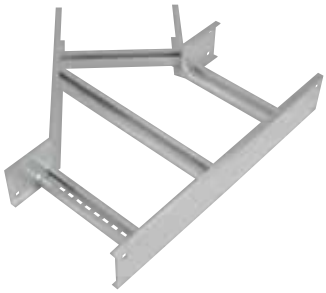
- AUF: Fitting Material and Siderail
- 6: Siderail Depth
- 36: Width
- L: Bottom Style
- HYL: Fitting Type

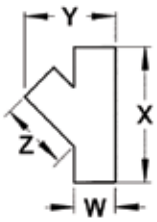
Selection Guide

Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in.– 7 in.

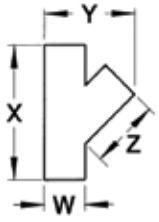
45° Horizontal WYE — U-Style

Left Hand Wye





Right Hand Wye



Width	Left Hand Wye Cat. No.	Right Hand Wye Cat. No.	Dimensions		
			X	Y	Z
6	AUF(†)-06-(*)-HYL	AUF(†)-06-(*)-HYR	18-5/16	14-13/16	12-7/16
9	AUF(†)-09-(*)-HYL	AUF(†)-09-(*)-HYR	22-1/2	19-15/16	15-7/16
12	AUF(†)-12-(*)-HYL	AUF(†)-12-(*)-HYR	26-3/4	25	18-7/16
18	AUF(†)-18-(*)-HYL	AUF(†)-18-(*)-HYR	35-1/4	35-1/4	24-7/16
24	AUF(†)-24-(*)-HYL	AUF(†)-24-(*)-HYR	43-1/2	45-1/2	30-7/16
30	AUF(†)-30-(*)-HYL	AUF(†)-30-(*)-HYR	52-1/4	55-3/4	36-7/16
36	AUF(†)-36-(*)-HYL	AUF(†)-36-(*)-HYR	60-11/16	66	42-7/16

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 2 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.

Fittings

H-Style Fittings Horizontal Wye 45°

Part Numbering System

AHF-6-36-L-HYL

- AHF-6: Fitting Material and Siderail
- 36: Width
- L: Bottom Style
- HYL: Fitting Type

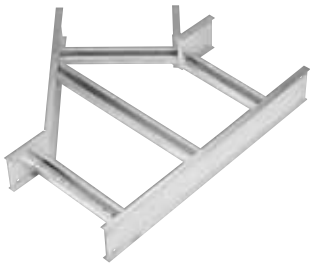
Siderail Depth

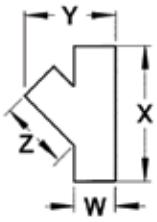
Selection Guide

Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in.– 7 in.

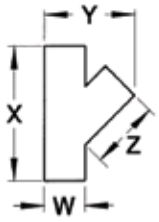
45° Horizontal WYE — H-Style

Left Hand Wye





Right Hand Wye



Width	Left Hand Wye Cat. No.	Right Hand Wye Cat. No.	Dimensions		
			X	Y	Z
6	AHF(†)-06-(*)-HYL	AHF(†)-06-(*)-HYR	18-5/16	14-13/16	12-7/16
9	AHF(†)-09-(*)-HYL	AHF(†)-09-(*)-HYR	22-1/2	19-15/16	15-7/16
12	AHF(†)-12-(*)-HYL	AHF(†)-12-(*)-HYR	26-3/4	25	18-7/16
18	AHF(†)-18-(*)-HYL	AHF(†)-18-(*)-HYR	35-1/4	35-1/4	24-7/16
24	AHF(†)-24-(*)-HYL	AHF(†)-24-(*)-HYR	43-1/2	45-1/2	30-7/16
30	AHF(†)-30-(*)-HYL	AHF(†)-30-(*)-HYR	52-1/4	55-3/4	36-7/16
36	AHF(†)-36-(*)-HYL	AHF(†)-36-(*)-HYR	60-11/16	66	42-7/16

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 2 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.

Fittings

U-Style Fittings Vertical Bends 90º

Part Numbering System

AUF-7-30-L-VI90-36

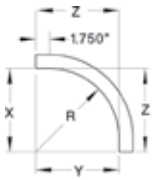
- AUF-7: Fitting Material and Siderail
- 30: Width
- L: Siderail Depth
- VI: Bottom Style
- 90: Fitting Type
- 36: Degree / Nominal Radius

Selection Guide

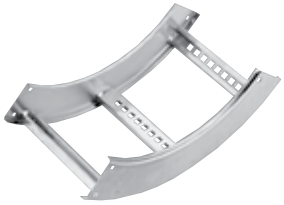
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 90º
Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

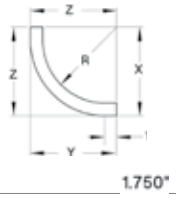
90° Vertical BEND — U-Style

Outside Bend



Inside Bend





Nominal Radius			(+) VO Siderail Height 4 in. – 7 in.			(+) VI Siderail Height 4 in.			5 in.			6 in.			7 in.		
R	Width	Cat. No.	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
12	6	AUF(†)-06-(*)-(+)90-12	12	12	12	17-15/16	17-15/16	17-15/16	18-13/16	18-13/16	18-13/16	20	20	20	21	21	21
	9	AUF(†)-09-(*)-(+)90-12															
	12	AUF(†)-12-(*)-(+)90-12															
	18	AUF(†)-18-(*)-(+)90-12															
	24	AUF(†)-24-(*)-(+)90-12															
	30	AUF(†)-30-(*)-(+)90-12															
	36	AUF(†)-36-(*)-(+)90-12															
24	6	AUF(†)-06-(*)-(+)90-24	24	24	24	29-15/16	29-15/16	29-15/16	30-13/16	30-13/16	30-13/16	32	32	32	33	33	33
	9	AUF(†)-09-(*)-(+)90-24															
	12	AUF(†)-12-(*)-(+)90-24															
	18	AUF(†)-18-(*)-(+)90-24															
	24	AUF(†)-24-(*)-(+)90-24															
	30	AUF(†)-30-(*)-(+)90-24															
	36	AUF(†)-36-(*)-(+)90-24															
36	6	AUF(†)-06-(*)-(+)90-36	36	36	36	41-15/16	41-15/16	41-15/16	42-13/16	42-13/16	42-13/16	44	44	44	33	33	33
	9	AUF(†)-09-(*)-(+)90-36															
	12	AUF(†)-12-(*)-(+)90-36															
	18	AUF(†)-18-(*)-(+)90-36															
	24	AUF(†)-24-(*)-(+)90-36															
	30	AUF(†)-30-(*)-(+)90-36															
	36	AUF(†)-36-(*)-(+)90-36															
48	6	AUF(†)-06-(*)-(+)90-48	48	48	48	53-15/16	53-15/16	53-15/16	54-13/16	54-13/16	54-13/16	56	56	56	57	57	57
	9	AUF(†)-09-(*)-(+)90-48															
	12	AUF(†)-12-(*)-(+)90-48															
	18	AUF(†)-18-(*)-(+)90-48															
	24	AUF(†)-24-(*)-(+)90-48															
	30	AUF(†)-30-(*)-(+)90-48															
	36	AUF(†)-36-(*)-(+)90-48															

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert "VO" for vertical outside or "VI" for vertical inside. Includes 1 pair 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.

Fittings

H-Style Fittings Vertical Bends 90º

Part Numbering System

AHF-7-30-L-VI90-36

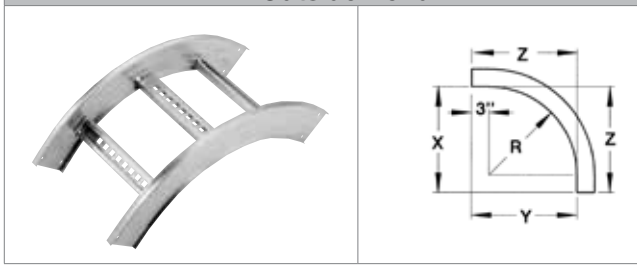
- AHF-7: Fitting Material and Siderail
- 30: Width
- L: Bottom Style
- VI: Fitting Type
- 90: Degree
- 36: Nominal Radius

Selection Guide

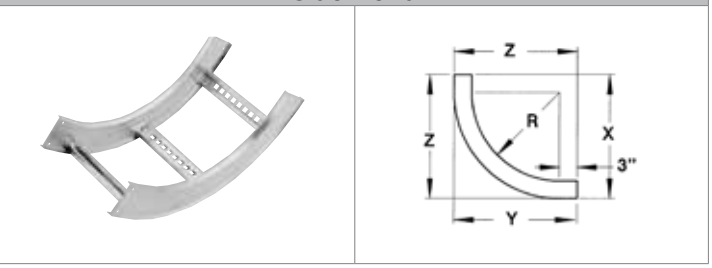
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 90º
Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

90° Vertical BEND — H-Style

Outside Bend



Inside Bend



Nominal Radius			(+) VO Siderail Height 4 in. – 7 in.			(+) VI Siderail Height 4 in.			5 in.			6 in.			7 in.		
R	Width	Cat. No.	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
12	6	AHF(†)-06-(*)-(+)90-12	15	15	15	19-3/16	19-3/16	19-3/16	20-1/16	20-1/16	20-1/16	21-1/4	21-1/4	21-1/4	22-1/4	22-1/4	22-1/4
	9	AHF(†)-09-(*)-(+)90-12															
	12	AHF(†)-12-(*)-(+)90-12															
	18	AHF(†)-18-(*)-(+)90-12															
	24	AHF(†)-24-(*)-(+)90-12															
	30	AHF(†)-30-(*)-(+)90-12															
	36	AHF(†)-36-(*)-(+)90-12															
24	6	AHF(†)-06-(*)-(+)90-24	27	27	27	31-3/16	31-3/16	31-3/16	32-1/16	32-1/16	32-1/16	33-1/4	33-1/4	33-1/4	34-1/4	34-1/4	34-1/4
	9	AHF(†)-09-(*)-(+)90-24															
	12	AHF(†)-12-(*)-(+)90-24															
	18	AHF(†)-18-(*)-(+)90-24															
	24	AHF(†)-24-(*)-(+)90-24															
	30	AHF(†)-30-(*)-(+)90-24															
	36	AHF(†)-36-(*)-(+)90-24															
36	6	AHF(†)-06-(*)-(+)90-36	39	39	39	43-3/16	43-3/16	43-3/16	44-1/16	44-1/16	44-1/16	45-1/4	45-1/4	45-1/4	46-1/4	46-1/4	46-1/4
	9	AHF(†)-09-(*)-(+)90-36															
	12	AHF(†)-12-(*)-(+)90-36															
	18	AHF(†)-18-(*)-(+)90-36															
	24	AHF(†)-24-(*)-(+)90-36															
	30	AHF(†)-30-(*)-(+)90-36															
	36	AHF(†)-36-(*)-(+)90-36															
48	6	AHF(†)-06-(*)-(+)90-48	51	51	51	55-3/16	55-3/16	55-3/16	56-1/16	56-1/16	56-1/16	57-1/4	57-1/4	57-1/4	58-1/4	58-1/4	58-1/4
	9	AHF(†)-09-(*)-(+)90-48															
	12	AHF(†)-12-(*)-(+)90-48															
	18	AHF(†)-18-(*)-(+)90-48															
	24	AHF(†)-24-(*)-(+)90-48															
	30	AHF(†)-30-(*)-(+)90-48															
	36	AHF(†)-36-(*)-(+)90-48															

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert "VO" for vertical outside or "VI" for vertical inside. Includes 1 pair 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.

Fittings

U-Style Fittings Vertical Bends 60º

Part Numbering System

AUF-7-36-V-VO60-24

- AUF-7: Fitting Material and Siderail
- 36: Width
- V: Bottom Style
- VO: Fitting Type
- 60: Degree
- 24: Nominal Radius

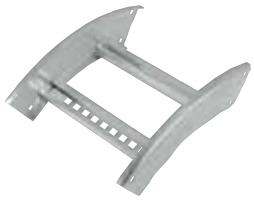
Siderail Depth

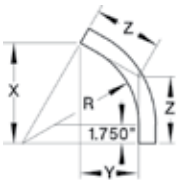
Selection Guide

Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 60º
Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

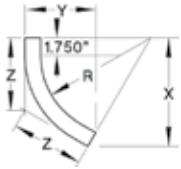
60° Vertical BEND — U-Style

Outside Bend





Inside Bend



Nominal Radius			(+) VO Siderail Height 4 in. – 7 in.			(+) VI Siderail Height 4 in.			5 in.			6 in.			7 in.		
R	Width	Cat. No.	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
12	6	AUF(†)-06-(*)-(+)60-12	13	7-1/2	8-11/16	16-5/8	11-11/16	11-1/16	17-7/16	12-5/8	11-5/8	18-3/8	13-11/16	12-1/4	19-5/16	14-3/4	12-7/8
	9	AUF(†)-09-(*)-(+)60-12															
	12	AUF(†)-12-(*)-(+)60-12															
	18	AUF(†)-18-(*)-(+)60-12															
	24	AUF(†)-24-(*)-(+)60-12															
	30	AUF(†)-30-(*)-(+)60-12															
	36	AUF(†)-36-(*)-(+)60-12															
24	6	AUF(†)-06-(*)-(+)60-24	23-7/16	13-1/2	15-5/8	27	17-11/16	18	27-13/16	18-5/8	16-9/16	28-3/4	19-11/16	19-3/16	29-11/16	20-3/4	19-13/16
	9	AUF(†)-09-(*)-(+)60-24															
	12	AUF(†)-12-(*)-(+)60-24															
	18	AUF(†)-18-(*)-(+)60-24															
	24	AUF(†)-24-(*)-(+)60-24															
	30	AUF(†)-30-(*)-(+)60-24															
	36	AUF(†)-36-(*)-(+)60-24															
36	6	AUF(†)-06-(*)-(+)60-36	33-13/16	19-1/2	22-9/16	37-7/16	23-11/16	24-15/16	38-3/16	24-5/8	25-7/16	39-3/16	25-11/16	26-1/8	40-1/16	26-3/4	26-11/16
	9	AUF(†)-09-(*)-(+)60-36															
	12	AUF(†)-12-(*)-(+)60-36															
	18	AUF(†)-18-(*)-(+)60-36															
	24	AUF(†)-24-(*)-(+)60-36															
	30	AUF(†)-30-(*)-(+)60-36															
	36	AUF(†)-36-(*)-(+)60-36															
48	6	AUF(†)-06-(*)-(+)60-48	44-3/16	25-1/2	29-7/16	47-13/16	29-11/16	31-7/8	48-9/16	30-5/8	32-3/8	49-9/16	31-11/16	33-1/16	50-7/16	32-3/4	33-5/8
	9	AUF(†)-09-(*)-(+)60-48															
	12	AUF(†)-12-(*)-(+)60-48															
	18	AUF(†)-18-(*)-(+)60-48															
	24	AUF(†)-24-(*)-(+)60-48															
	30	AUF(†)-30-(*)-(+)60-48															
	36	AUF(†)-36-(*)-(+)60-48															

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert "VO" for vertical outside or "VI" for vertical inside. Includes 1 pair 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.

Fittings

H-Style Fittings Vertical Bends 60º

Part Numbering System

AHF-7-36-V-VO60-24

- AHF-7: Fitting Material and Siderail
- 36: Width
- V: Bottom Style
- VO60: Fitting Type / Degree
- 24: Nominal Radius

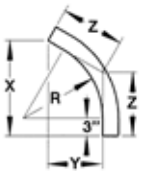
Siderail Depth

Selection Guide

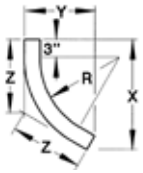
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 60º
Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

60º Vertical BEND — H-Style

Outside Bend



Inside Bend



Nominal Radius			(+) VO Siderail			(+) VI Siderail Height											
			Height 4 in. – 7 in.			4 in.			5 in.			6 in.			7 in.		
R	Width	Cat. No.	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
12	6	AHF(†)-06-(*)-(+)60-12	14-7/8	8-5/8	9-15/16	18-1/2	12-3/4	12-5/16	19-5/16	13-11/16	12-7/8	20-5/16	14-13/16	13-1/2	21-1/8	15-13/16	14-1/8
	9	AHF(†)-09-(*)-(+)60-12															
	12	AHF(†)-12-(*)-(+)60-12															
	18	AHF(†)-18-(*)-(+)60-12															
	24	AHF(†)-24-(*)-(+)60-12															
	30	AHF(†)-30-(*)-(+)60-12															
	36	AHF(†)-36-(*)-(+)60-12															
24	6	AHF(†)-06-(*)-(+)60-24	25-5/16	14-5/8	16-7/8	28-7/8	18-3/4	19-1/4	29-11/16	19-11/16	19-13/16	30-11/16	20-13/16	20-7/16	31-9/16	21-13/16	21
	9	AHF(†)-09-(*)-(+)60-24															
	12	AHF(†)-12-(*)-(+)60-24															
	18	AHF(†)-18-(*)-(+)60-24															
	24	AHF(†)-24-(*)-(+)60-24															
	30	AHF(†)-30-(*)-(+)60-24															
	36	AHF(†)-36-(*)-(+)60-24															
36	6	AHF(†)-06-(*)-(+)60-36	35-11/16	20-5/8	23-13/16	39-5/16	24-3/4	26-3/16	40-1/16	25-11/16	26-11/16	41-1/16	26-13/16	27-3/8	41-15/16	27-13/16	27-15/16
	9	AHF(†)-09-(*)-(+)60-36															
	12	AHF(†)-12-(*)-(+)60-36															
	18	AHF(†)-18-(*)-(+)60-36															
	24	AHF(†)-24-(*)-(+)60-36															
	30	AHF(†)-30-(*)-(+)60-36															
	36	AHF(†)-36-(*)-(+)60-36															
48	6	AHF(†)-06-(*)-(+)60-48	46-1/16	26-5/8	30-11/16	49-11/16	30-3/4	33-1/8	50-7/16	31-11/16	33-5/8	51-1/2	32-13/16	34-5/16	52-5/16	33-13/16	34-7/8
	9	AHF(†)-09-(*)-(+)60-48															
	12	AHF(†)-12-(*)-(+)60-48															
	18	AHF(†)-18-(*)-(+)60-48															
	24	AHF(†)-24-(*)-(+)60-48															
	30	AHF(†)-30-(*)-(+)60-48															
	36	AHF(†)-36-(*)-(+)60-48															

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert "VO" for vertical outside or "VI" for vertical inside. Includes 1 pair 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.

Fittings

U-Style Fittings Vertical Bends 45º

Part Numbering System

AUF-5-24-S-VI45-48

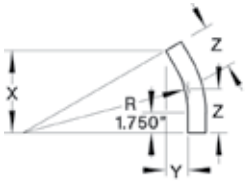
- AUF-5: Fitting Material and Siderail
- 24: Width
- S: Bottom Style
- VI: Siderail Depth
- 45: Fitting Type
- 48: Nominal Radius

Selection Guide

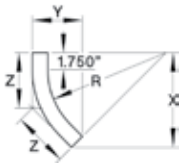
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 45º
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

45º Vertical BEND — U-Style

Outside Bend



Inside Bend



Nominal Radius		Cat. No.	(+) VO Siderail Height 4 in. – 7 in.			(+) VI Siderail Height 4 in.			5 in.			6 in.			7 in.		
R	Width		X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
12	6	AUF(†)-06-(*)-(+)45-12	11-1/2	4-3/4	6-3/4	14-7/16	8-15/16	8-7/16	15-1/16	9-13/16	8-13/16	15-7/8	10-15/16	9-5/16	16-9/16	12	9-3/4
	9	AUF(†)-09-(*)-(+)45-12															
	12	AUF(†)-12-(*)-(+)45-12															
	18	AUF(†)-18-(*)-(+)45-12															
	24	AUF(†)-24-(*)-(+)45-12															
	30	AUF(†)-30-(*)-(+)45-12															
	36	AUF(†)-36-(*)-(+)45-12															
24	6	AUF(†)-06-(*)-(+)45-24	19-15/16	8-1/4	11-11/16	22-15/16	12-7/16	13-7/16	23-9/16	13-3/8	13-13/16	24-5/16	14-7/16	14-1/4	25-1/16	15-1/2	14-11/16
	9	AUF(†)-09-(*)-(+)45-24															
	12	AUF(†)-12-(*)-(+)45-24															
	18	AUF(†)-18-(*)-(+)45-24															
	24	AUF(†)-24-(*)-(+)45-24															
	30	AUF(†)-30-(*)-(+)45-24															
	36	AUF(†)-36-(*)-(+)45-24															
36	6	AUF(†)-06-(*)-(+)45-36	28-7/16	11-13/16	16-11/16	31-3/8	15-15/16	18-3/8	32-1/16	16-7/8	18-3/4	32-13/16	18	19-1/4	33-9/16	19	19-11/16
	9	AUF(†)-09-(*)-(+)45-36															
	12	AUF(†)-12-(*)-(+)45-36															
	18	AUF(†)-18-(*)-(+)45-36															
	24	AUF(†)-24-(*)-(+)45-36															
	30	AUF(†)-30-(*)-(+)45-36															
	36	AUF(†)-36-(*)-(+)45-36															
48	6	AUF(†)-06-(*)-(+)45-48	36-15/16	15-5/16	21-5/8	39-7/8	19-1/2	23-3/8	40-1/2	20-3/8	23-3/4	41-5/16	21-1/2	24-3/16	42-1/16	22-9/16	24-5/8
	9	AUF(†)-09-(*)-(+)45-48															
	12	AUF(†)-12-(*)-(+)45-48															
	18	AUF(†)-18-(*)-(+)45-48															
	24	AUF(†)-24-(*)-(+)45-48															
	30	AUF(†)-30-(*)-(+)45-48															
	36	AUF(†)-36-(*)-(+)45-48															

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert "VO" for vertical outside or "VI" for vertical inside. Includes 1 pair 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.

Fittings

H-Style Fittings Vertical Bends 45º

Part Numbering System

AHF-5-24-S-VI45-48

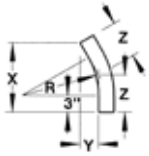
Fitting Material and Siderail	Siderail Depth	Width	Bottom Style	Fitting Type	Degree	Nominal Radius
AHF	5	24	S	VI	45	48

Selection Guide

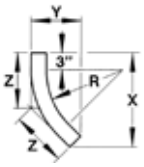
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 45º
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in. – 7 in.

45° Vertical BEND — H-Style

Outside Bend



Inside Bend



Nominal Radius			(+) VO Siderail Height 4 in. – 7 in.			(+) VI Siderail Height 4 in.			5 in.			6 in.			7 in.		
R	Width	Cat. No.	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
12	6	AHF(†)-06-(*)-(+)45-12	13-5/8	5-5/8	8	16-9/16	9-13/16	9-11/16	17-3/16	10-11/16	10-1/16	18	11-7/8	10-9/16	18-11/16	12-7/8	10-15/16
	9	AHF(†)-09-(*)-(+)45-12															
	12	AHF(†)-12-(*)-(+)45-12															
	18	AHF(†)-18-(*)-(+)45-12															
	24	AHF(†)-24-(*)-(+)45-12															
	30	AHF(†)-30-(*)-(+)45-12															
	36	AHF(†)-36-(*)-(+)45-12															
24	6	AHF(†)-06-(*)-(+)45-24	22-1/16	9-1/8	12-15/16	25-1/16	13-5/16	14-11/16	25-11/16	14-1/4	15-1/16	26-1/2	15-3/8	15-1/2	27-3/16	16-3/8	15-15/16
	9	AHF(†)-09-(*)-(+)45-24															
	12	AHF(†)-12-(*)-(+)45-24															
	18	AHF(†)-18-(*)-(+)45-24															
	24	AHF(†)-24-(*)-(+)45-24															
	30	AHF(†)-30-(*)-(+)45-24															
	36	AHF(†)-36-(*)-(+)45-24															
36	6	AHF(†)-06-(*)-(+)45-36	30-9/16	12-11/16	17-15/16	33-1/2	16-13/16	19-5/8	34-3/16	17-3/4	20	35	18-7/8	20-1/2	35-11/16	19-7/8	20-7/8
	9	AHF(†)-09-(*)-(+)45-36															
	12	AHF(†)-12-(*)-(+)45-36															
	18	AHF(†)-18-(*)-(+)45-36															
	24	AHF(†)-24-(*)-(+)45-36															
	30	AHF(†)-30-(*)-(+)45-36															
	36	AHF(†)-36-(*)-(+)45-36															
48	6	AHF(†)-06-(*)-(+)45-48	39-1/16	16-3/16	22-7/8	42	20-3/8	24-5/8	42- 5/8	21-1/4	25	43-1/2	22-7/16	25-7/16	44-3/16	23-3/8	25-7/8
	9	AHF(†)-09-(*)-(+)45-48															
	12	AHF(†)-12-(*)-(+)45-48															
	18	AHF(†)-18-(*)-(+)45-48															
	24	AHF(†)-24-(*)-(+)45-48															
	30	AHF(†)-30-(*)-(+)45-48															
	36	AHF(†)-36-(*)-(+)45-48															

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert "VO" for vertical outside or "VI" for vertical inside. Includes 1 pair 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.

Fittings

U-Style Fittings Vertical Bends 30º

Part Numbering System

AUF-6-12-L-VO30-24

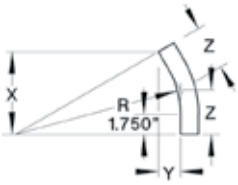
- AUF-6: Fitting Material and Siderail
- 12: Width
- L: Siderail Depth
- V: Bottom Style
- O30: Fitting Type
- 24: Nominal Radius
- O: Degree

Selection Guide

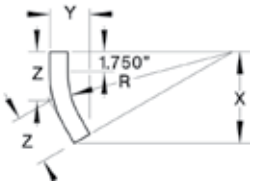
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 30º
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in.– 7 in.

30° Vertical BEND — U-Style

Outside Bend



Inside Bend



Nominal Radius			(+) VO Siderail Height 4 in. – 7 in.			(+) VI Siderail Height 4 in.			5 in.			6 in.			7 in.		
R	Width	Cat. No.	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
12	6	AUF(†)-06-(*)-(+)30-12	9-1/4	2-1/2	4-15/16	11-3/8	6-11/16	6-1/16	11-13/16	7-9/16	6-5/16	12-3/8	8-11/16	6-5/8	12-7/8	9-3/4	6-7/8
	9	AUF(†)-09-(*)-(+)30-12															
	12	AUF(†)-12-(*)-(+)30-12															
	18	AUF(†)-18-(*)-(+)30-12															
	24	AUF(†)-24-(*)-(+)30-12															
	30	AUF(†)-30-(*)-(+)30-12															
	36	AUF(†)-36-(*)-(+)30-12															
24	6	AUF(†)-06-(*)-(+)30-24	15-1/4	4-1/16	8-3/16	17-3/8	8-1/4	9-5/16	17-13/16	9-3/16	9-9/16	18-3/8	10-1/4	9-13/16	18-7/8	11-5/16	10-1/8
	9	AUF(†)-09-(*)-(+)30-24															
	12	AUF(†)-12-(*)-(+)30-24															
	18	AUF(†)-18-(*)-(+)30-24															
	24	AUF(†)-24-(*)-(+)30-24															
	30	AUF(†)-30-(*)-(+)30-24															
	36	AUF(†)-36-(*)-(+)30-24															
36	6	AUF(†)-06-(*)-(+)30-36	21-1/4	5-11/16	11-3/8	23-3/8	9-7/8	12-1/2	23-13/16	10-3/4	12-3/4	24-3/8	11-7/8	13-1/16	24-7/8	12-15/16	13-5/16
	9	AUF(†)-09-(*)-(+)30-36															
	12	AUF(†)-12-(*)-(+)30-36															
	18	AUF(†)-18-(*)-(+)30-36															
	24	AUF(†)-24-(*)-(+)30-36															
	30	AUF(†)-30-(*)-(+)30-36															
	36	AUF(†)-36-(*)-(+)30-36															
48	6	AUF(†)-06-(*)-(+)30-48	21-1/4	7-5/16	14-5/8	29-3/8	11-1/2	15-3/4	29-13/16	12-3/8	16	30-3/8	13-1/2	16-1/4	30-7/8	14-9/16	16-9/16
	9	AUF(†)-09-(*)-(+)30-48															
	12	AUF(†)-12-(*)-(+)30-48															
	18	AUF(†)-18-(*)-(+)30-48															
	24	AUF(†)-24-(*)-(+)30-48															
	30	AUF(†)-30-(*)-(+)30-48															
	36	AUF(†)-36-(*)-(+)30-48															

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert "VO" for vertical outside or "VI" for vertical inside. Includes 1 pair 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.

Fittings

H-Style Fittings Vertical Bends 30º

Part Numbering System

AHF-6-12-L-VO30-24

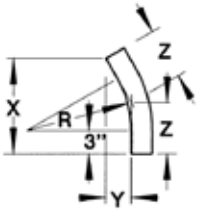
- AHF-6: Fitting Material and Siderail
- 12: Siderail Depth
- L: Width
- VO: Bottom Style
- 30: Fitting Type
- 24: Degree
- Nominal Radius

Selection Guide

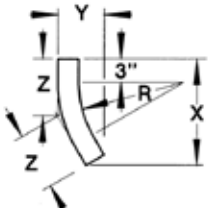
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Angle: 30º
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in.– 7 in.

30° Vertical BEND — H-Style

Outside Bend



Inside Bend



Nominal Radius			(+) VO Siderail Height 4 in. – 7 in.			(+) VI Siderail Height 4 in.			5 in.			6 in.			7 in.		
R	Width	Cat. No.	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z	X	Y	Z
12	6	AHF(†)-06-(*)-(+)30-12	11-5/8	3-1/8	6-3/16	13-11/16	7-5/16	7-5/16	14-1/8	8-3/16	7-9/16	14-11/16	9-3/8	7-7/8	13-11/16	10-5/16	8-1/8
	9	AHF(†)-09-(*)-(+)30-12															
	12	AHF(†)-12-(*)-(+)30-12															
	18	AHF(†)-18-(*)-(+)30-12															
	24	AHF(†)-24-(*)-(+)30-12															
	30	AHF(†)-30-(*)-(+)30-12															
	36	AHF(†)-36-(*)-(+)30-12															
24	6	AHF(†)-06-(*)-(+)30-24	17-5/8	4-11/16	9-7/16	19-11/16	8-7/8	10-9/16	20-1/8	9-13/16	10-13/16	20-11/16	10-15/16	11-1/8	19-11/16	11-15/16	11-3/8
	9	AHF(†)-09-(*)-(+)30-24															
	12	AHF(†)-12-(*)-(+)30-24															
	18	AHF(†)-18-(*)-(+)30-24															
	24	AHF(†)-24-(*)-(+)30-24															
	30	AHF(†)-30-(*)-(+)30-24															
	36	AHF(†)-36-(*)-(+)30-24															
36	6	AHF(†)-06-(*)-(+)30-36	23-5/8	6-5/16	12-5/8	25-11/16	10-1/2	13-6/8	26-1/8	11-3/8	14	26-11/16	12-9/16	14-5/16	25-11/16	13-9/16	14-9/16
	9	AHF(†)-09-(*)-(+)30-36															
	12	AHF(†)-12-(*)-(+)30-36															
	18	AHF(†)-18-(*)-(+)30-36															
	24	AHF(†)-24-(*)-(+)30-36															
	30	AHF(†)-30-(*)-(+)30-36															
	36	AHF(†)-36-(*)-(+)30-36															
48	6	AHF(†)-06-(*)-(+)30-48	29-5/8	7-15/16	15-7/8	31-11/16	12-1/8	17	32-1/8	13	17-1/4	32-11/16	14-3/16	17-9/16	31-11/16	15-1/8	17-13/16
	9	AHF(†)-09-(*)-(+)30-48															
	12	AHF(†)-12-(*)-(+)30-48															
	18	AHF(†)-18-(*)-(+)30-48															
	24	AHF(†)-24-(*)-(+)30-48															
	30	AHF(†)-30-(*)-(+)30-48															
	36	AHF(†)-36-(*)-(+)30-48															

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. (+) Insert "VO" for vertical outside or "VI" for vertical inside. Includes 1 pair 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.

Fittings

U-Style Fittings Vertical Tee Up/Down

Part Numbering System

AUF-6-24-L-VTD-12

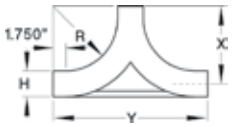
- AUF-6: Fitting Material and Siderail
- 24: Siderail Depth
- L: Bottom Style
- VTD: Fitting Type
- 12: Nominal Radius

Selection Guide

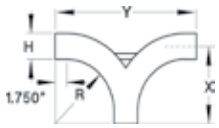
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in.– 7 in.

Vertical Tee Up/Down — U-Style

Outside Bend



Inside Bend



Nominal Radius		Cat. No.	Cat. No.	Siderail Height "H"							
				4 in.		5 in.		6 in.		7 in.	
R	Width			X	Y	X	Y	X	Y	X	Y
12	6	AUF(†)-06-(*)-VTU12	AUF(†)-06-(*)-VTD12	15-13/16	31-11/16	16-5/16	32-9/16	16-7/8	33-3/4	17-3/8	34-3/4
	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								
24	6	AUF(†)-06-(*)-VTU24	AUF(†)-06-(*)-VTD24	27-13/16	55-11/16	28-5/16	56-9/16	28-7/8	57-3/4	29-3/8	58-3/4
	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								
36	6	AUF(†)-06-(*)-VTU36	AUF(†)-06-(*)-VTD36	39-13/16	79-11/16	40-5/16	80-9/16	40-7/8	81-3/4	41-3/8	82-3/4
	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								
48	6	AUF(†)-06-(*)-VTU48	AUF(†)-06-(*)-VTD48	51-13/16	103-11/16	52-5/16	104-9/16	52-7/8	105-3/4	53-3/8	106-3/4
	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								

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 2 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.

Fittings

H-Style Fittings Vertical Tee Up/Down

Part Numbering System

AHF-6-24-L-VTD-12

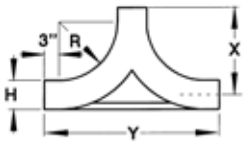
- AHF-6: Fitting Material and Siderail
- 24: Siderail Depth
- L: Bottom Style
- VTD: Fitting Type
- 12: Nominal Radius

Selection Guide

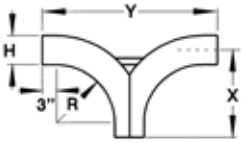
Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in.– 7 in.

Vertical Tee Up/Down — H-Style

Up



Down



Nominal Radius		Cat. No.	Cat. No.	Siderail Height "H"							
				4 in.		5 in.		6 in.		7 in.	
R	Width			X	Y	X	Y	X	Y	X	Y
12	6	AHF(†)-06-(*)-VTU12	AHF(†)-06-(*)-VTD12	17-1/16	34-3/16	17-9/16	35-1/16	18-1/8	36-1/4	18-5/8	37-1/4
	9	AHF(†)-09-(*)-VTU12	AHF(†)-09-(*)-VTD12								
	12	AHF(†)-12-(*)-VTU12	AHF(†)-12-(*)-VTD12								
	18	AHF(†)-18-(*)-VTU12	AHF(†)-18-(*)-VTD12								
	24	AHF(†)-24-(*)-VTU12	AHF(†)-24-(*)-VTD12								
	30	AHF(†)-30-(*)-VTU12	AHF(†)-30-(*)-VTD12								
	36	AHF(†)-36-(*)-VTU12	AHF(†)-36-(*)-VTD12								
24	6	AHF(†)-06-(*)-VTU24	AHF(†)-06-(*)-VTD24	29-1/16	58-3/16	29-9/16	59-1/16	30-1/8	60-1/4	30-5/8	61-1/4
	9	AHF(†)-09-(*)-VTU24	AHF(†)-09-(*)-VTD24								
	12	AHF(†)-12-(*)-VTU24	AHF(†)-12-(*)-VTD24								
	18	AHF(†)-18-(*)-VTU24	AHF(†)-18-(*)-VTD24								
	24	AHF(†)-24-(*)-VTU24	AHF(†)-24-(*)-VTD24								
	30	AHF(†)-30-(*)-VTU24	AHF(†)-30-(*)-VTD24								
	36	AHF(†)-36-(*)-VTU24	AHF(†)-36-(*)-VTD24								
36	6	AHF(†)-06-(*)-VTU36	AHF(†)-06-(*)-VTD36	41-1/16	82-3/16	41-9/16	83-1/16	42-1/8	84-1/4	42-5/8	85-1/4
	9	AHF(†)-09-(*)-VTU36	AHF(†)-09-(*)-VTD36								
	12	AHF(†)-12-(*)-VTU36	AHF(†)-12-(*)-VTD36								
	18	AHF(†)-18-(*)-VTU36	AHF(†)-18-(*)-VTD36								
	24	AHF(†)-24-(*)-VTU36	AHF(†)-24-(*)-VTD36								
	30	AHF(†)-30-(*)-VTU36	AHF(†)-30-(*)-VTD36								
	36	AHF(†)-36-(*)-VTU36	AHF(†)-36-(*)-VTD36								
48	6	AHF(†)-06-(*)-VTU48	AHF(†)-06-(*)-VTD48	53-1/16	106-3/16	53-9/16	107-1/16	54-1/8	108-1/4	54-5/8	109-1/4
	9	AHF(†)-09-(*)-VTU48	AHF(†)-09-(*)-VTD48								
	12	AHF(†)-12-(*)-VTU48	AHF(†)-12-(*)-VTD48								
	18	AHF(†)-18-(*)-VTU48	AHF(†)-18-(*)-VTD48								
	24	AHF(†)-24-(*)-VTU48	AHF(†)-24-(*)-VTD48								
	30	AHF(†)-30-(*)-VTU48	AHF(†)-30-(*)-VTD48								
	36	AHF(†)-36-(*)-VTU48	AHF(†)-36-(*)-VTD48								

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 2 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.

Fittings

U-Style Fittings Cable Support

Part Numbering System

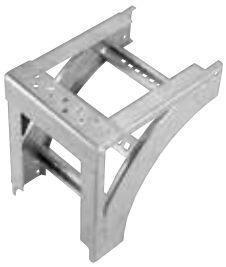
AUF-5-24-V-CS-12

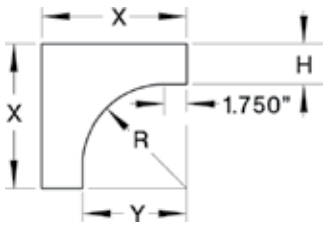
- AUF-5: Fitting Material and Siderail
- 24: Siderail Depth
- V: Bottom Style
- CS: Fitting Type
- 12: Nominal Radius

Selection Guide

Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in.– 7 in.

Cable Support Fitting - U-Style





Nominal Radius		Cat. No.	Siderail Height "H"							
			4 in.		5 in.		6 in.		7 in.	
R	Width		X	Y	X	Y	X	Y	X	Y
12	6	AUF(†)-06-(*)-CS12	17-15/16	13-3/4	18-13/16	13-3/4	20	13-3/4	21	13-3/4
	9	AUF(†)-09-(*)-CS12								
	12	AUF(†)-12-(*)-CS12								
	18	AUF(†)-18-(*)-CS12								
	24	AUF(†)-24-(*)-CS12								
	30	AUF(†)-30-(*)-CS12								
	36	AUF(†)-36-(*)-CS12								
24	6	AUF(†)-06-(*)-CS24	29-15/16	25-3/4	30-13/16	25-3/4	32	25-3/4	33	25-3/4
	9	AUF(†)-09-(*)-CS24								
	12	AUF(†)-12-(*)-CS24								
	18	AUF(†)-18-(*)-CS24								
	24	AUF(†)-24-(*)-CS24								
	30	AUF(†)-30-(*)-CS24								
	36	AUF(†)-36-(*)-CS24								
36	6	AUF(†)-06-(*)-CS36	41-15/16	37-3/4	42-13/16	37-3/4	44	37-3/4	45	37-3/4
	9	AUF(†)-09-(*)-CS36								
	12	AUF(†)-12-(*)-CS36								
	18	AUF(†)-18-(*)-CS36								
	24	AUF(†)-24-(*)-CS36								
	30	AUF(†)-30-(*)-CS36								
	36	AUF(†)-36-(*)-CS36								
48	6	AUF(†)-06-(*)-CS48	53-15/16	49-3/4	54-13/16	49-3/4	56	49-3/4	57	49-3/4
	9	AUF(†)-09-(*)-CS48								
	12	AUF(†)-12-(*)-CS48								
	18	AUF(†)-18-(*)-CS48								
	24	AUF(†)-24-(*)-CS48								
	30	AUF(†)-30-(*)-CS48								
	36	AUF(†)-36-(*)-CS48								

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

H-Style Fittings Cable Support

Part Numbering System

AHF-5-24-V-CS-12

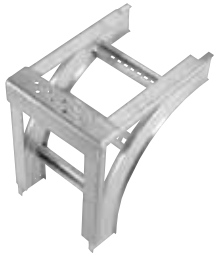
- AHF-5: Fitting Material and Siderail
- 24: Width
- V: Bottom Style
- CS: Fitting Type
- 12: Nominal Radius

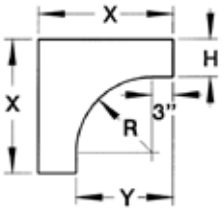
Siderail Depth

Selection Guide

Inside Tray Widths: 6, 9, 12, 18, 24, 30, 36
Nominal Radius: 12, 24, 36, 48
Bottom Styles: L– Ladder, V– Ventilated, S– Solid
Siderail Depth: 4 in.– 7 in.

Cable Support Fitting - H-Style





Nominal Radius		Cat. No.	Siderail Height "H"							
			4 in.		5 in.		6 in.		7 in.	
R	Width		X	Y	X	Y	X	Y	X	Y
12	6	AHF(†)-06-(*)-CS12	19-3/16	15	20-1/16	15	21-1/4	15	22-1/4	15
	9	AHF(†)-09-(*)-CS12								
	12	AHF(†)-12-(*)-CS12								
	18	AHF(†)-18-(*)-CS12								
	24	AHF(†)-24-(*)-CS12								
	30	AHF(†)-30-(*)-CS12								
	36	AHF(†)-36-(*)-CS12								
24	6	AHF(†)-06-(*)-CS24	31-3/16	27	32-1/16	27	33-1/4	27	34-1/4	27
	9	AHF(†)-09-(*)-CS24								
	12	AHF(†)-12-(*)-CS24								
	18	AHF(†)-18-(*)-CS24								
	24	AHF(†)-24-(*)-CS24								
	30	AHF(†)-30-(*)-CS24								
	36	AHF(†)-36-(*)-CS24								
36	6	AHF(†)-06-(*)-CS36	43-3/16	39	44-1/16	39	45-1/4	39	46-1/4	39
	9	AHF(†)-09-(*)-CS36								
	12	AHF(†)-12-(*)-CS36								
	18	AHF(†)-18-(*)-CS36								
	24	AHF(†)-24-(*)-CS36								
	30	AHF(†)-30-(*)-CS36								
	36	AHF(†)-36-(*)-CS36								
48	6	AHF(†)-06-(*)-CS48	55-3/16	51	56-1/16	51	57-1/4	51	58-1/4	51
	9	AHF(†)-09-(*)-CS48								
	12	AHF(†)-12-(*)-CS48								
	18	AHF(†)-18-(*)-CS48								
	24	AHF(†)-24-(*)-CS48								
	30	AHF(†)-30-(*)-CS48								
	36	AHF(†)-36-(*)-CS48								

(†) Insert siderail depth. (*) Insert bottom style to complete Cat. No. Includes 1 pair 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.

Fittings

Helix™ Cable Tray Fitting

The Helix™ cable tray fitting. Efficiency is in its DNA.

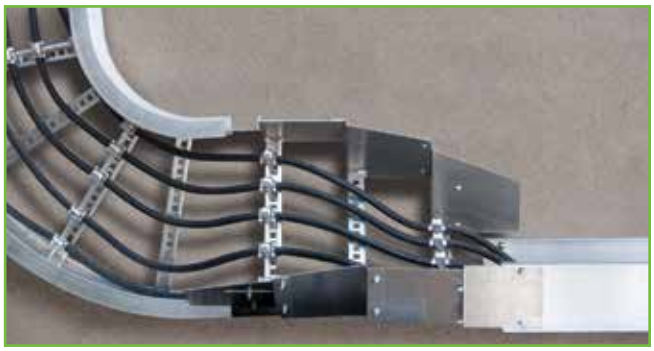
Go from horizontal to vertical, maximum cable protection, minimum space.

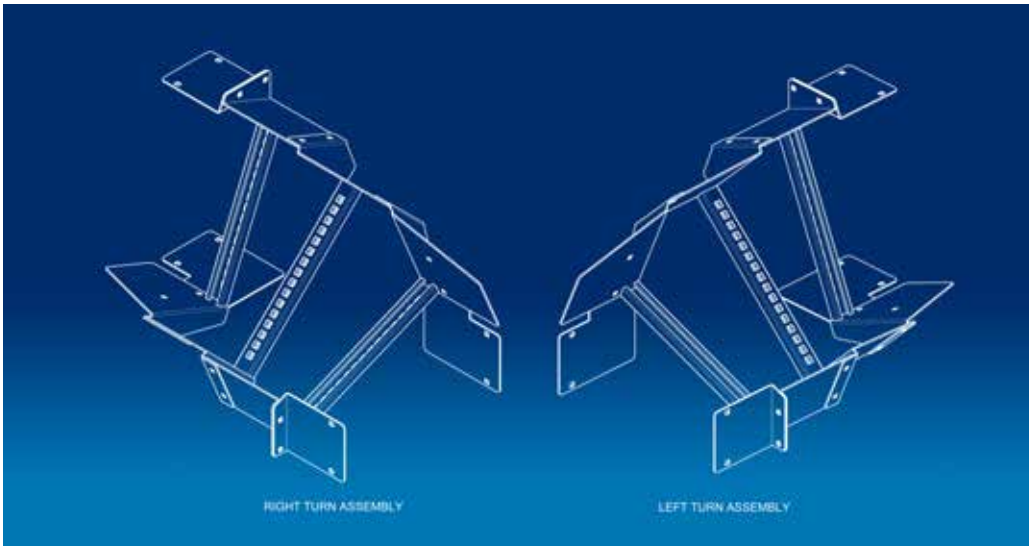
Making transitions from horizontal to vertical cable tray runs has never been easier or more efficient. The latest evolution in cable tray Fittings, the Helix™ Fitting assembly was developed specifically for use in confined areas. It allows installers to transition from horizontal to vertical surfaces in less time, using significantly less space.

- Enables installation close to walls and other surfaces, eliminating need for distance
- Provides enhanced Cable protection in confined spaces
- Secures cables within Fitting for clean, organized cable runs

Fittings

Helix™ Cable Tray Fitting





Cat. No.	Material	Siderail (in.)	Width (in.)	Direction
AUF612LHVR	Aluminum	6	12	Right turn
AUF612LHVL				Left turn
AUF624LHVR			24	Right turn
AUF624LHVL				Left turn

Supports should be positioned within 24" (610 mm) of each Helix™ fitting extremity.

Accessories

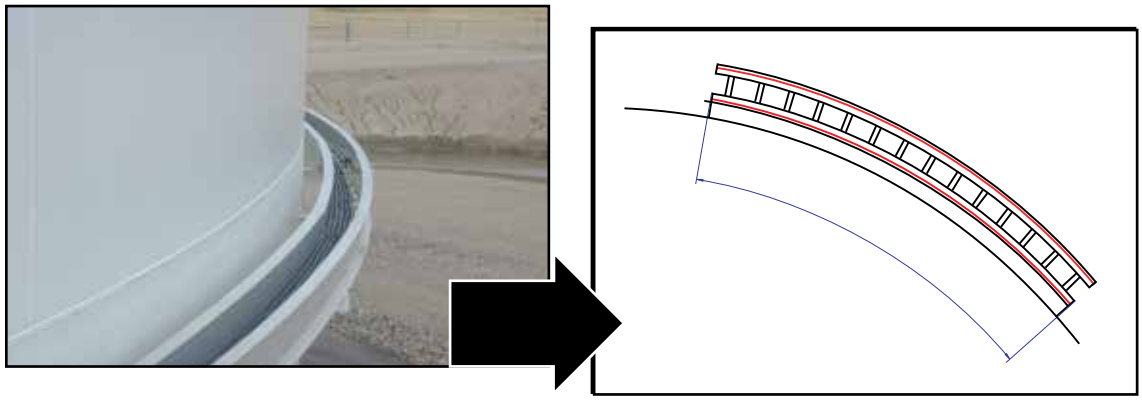
Large Radius Aluminum

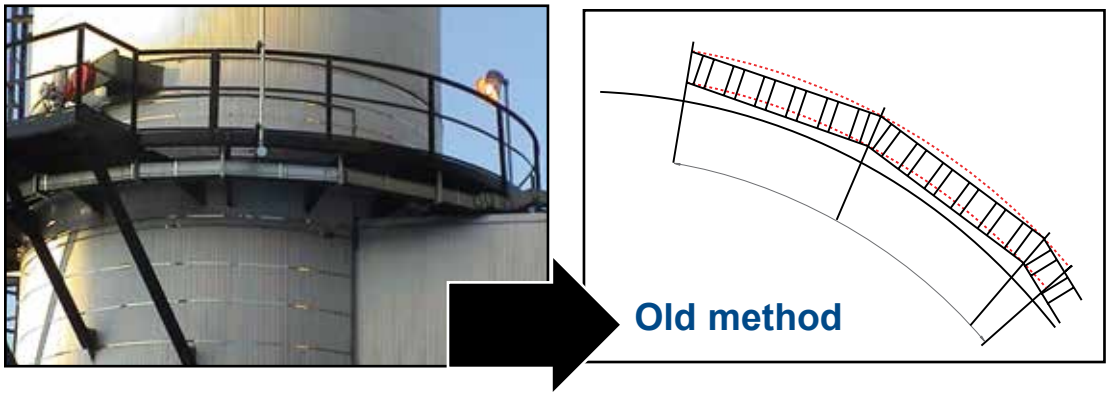
This cable tray design offers a custom-built cable support system for each petrochemical project tank or tower. This cable tray system is usually installed around the outer perimeter of the catwalks and stairs which are mounted on the tank or vessel.

Thomas & Betts takes pride in manufacturing a complete system to meet your most rigorous requirements. Our cable support systems reduce the costly and labor-intensive modifications required to assemble straight sections, splice plates and accessories to fit your tank or vessel.

Thomas & Betts Large Radius Aluminum cable tray systems mount flawlessly with no extra cutting, set-up or surplus material. With the option of pre-assembly of this cable tray system prior to erection of the tank or vessel, you can drastically reduce installing time.

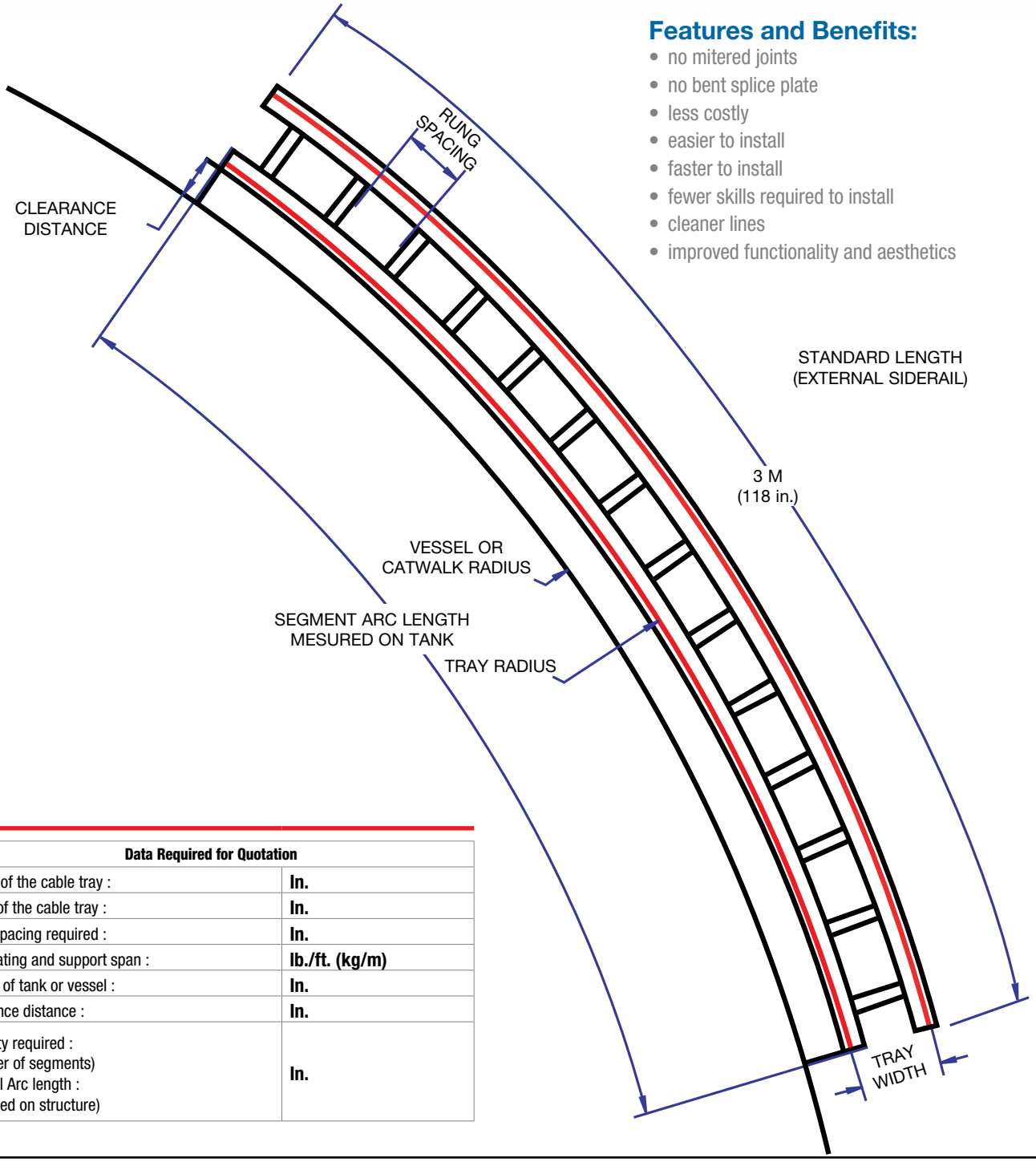
Technical Specifications





Accessories

Large Radius Aluminum / Cable Tray



Features and Benefits:

- no mitered joints
- no bent splice plate
- less costly
- easier to install
- faster to install
- fewer skills required to install
- cleaner lines
- improved functionality and aesthetics

Data Required for Quotation	
Height of the cable tray :	**In.**
Width of the cable tray :	**In.**
Rung spacing required :	**In.**
Load rating and support span :	**lb./ft. (kg/m)**
Radius of tank or vessel :	**In.**
Clearance distance :	**In.**
Quantity required : (number of segments) or Total Arc length : (mesured on structure)	**In.**

Covers

Number Selection

Tray Covers

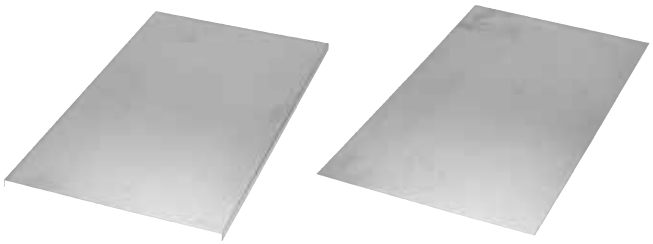
Tray covers are available for all classes of tray. They should be installed where falling objects may damage cables or where vertical tray run is accessible by pedestrian or vehicular traffic.

Cover mounting hardware must be ordered separately.

Solid Covers

These covers provide maximum mechanical protection for cables with limited heat build up. Solid covers are available with or without flange. Flanged covers have 1/2 in. flange.

Cover mounting hardware must be ordered separately.



Ventilated Flanged Covers

This design offers excellent mechanical protection while allowing heat produced by cables to dissipate.

Cover mounting hardware must be ordered separately.

For extreme applications : Peaked flanged covers, peaked ventilated covers

Peaked covers offer mechanical protection, reduce pooling of liquids on the cover and the accumulation of snow or ice.

Peaked covers have 15° rise.

Cover mounting hardware must be ordered separately.

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

Covers

Straight Cover Number Selection

(ABW-1-12)-SNC-72

Material	Cover Series	Width	Cover Type	Length
ABW • Aluminum **Prefix**	1 • For tray series: AH14 2 • For tray series: AH34, AH54, AH25, AH45, AH16, AH47, AH18 3 • For tray series: AH36, AH46, AH56, AH66,AH76, AH37	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	SNC • Solid Non-Flanged Cover SFC • Solid Flanged Cover VFC • Ventilated Flanged Cover PFC • Peaked Flanged Cover* PVC • Peaked Ventilated Flanged Cover *	72 • (72 in.) 3 • (3 m)

* Peaked covers greater than 18 in. wide available in 72 in. and 3 m lengths only.

Fittings Cover Number Selection

AUW-12-SNC-HB90-24

Material	Fitting Style	Width	Cover Type	Fitting Type	Degree	Radius
A • Aluminum	UW • U-Beam HW • H-Beam	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	SNC • Solid Non-Flanged Cover SFC • Solid Flanged Cover VFC • Ventilated Flanged Cover	HB • Horizontal Bend VI • Vertical Inside Bend	30 • (30°) 45 • (45°) 60 • (60°) 90 • (90°)	12 • (12 in.) 24 • (24 in.) 36 • (36 in.) 48 • (48 in.)

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

Covers

Fittings Cover Number Selection

AUW-18-12-SNC-RT-12

Material	Fitting Style	Width 1	Width 2	Cover Type	Fitting Type	Radius
A • Aluminum **Prefix**	UW • U-Beam HW • H-Beam	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	06 • (6 in.) 09 • (9 in.) 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	SNC • Solid Non-Flanged Cover SFC • Solid Flanged Cover VFC • Ventilated Flanged Cover	RT • Horizontal Reduce Tee ET • Horizontal Expand Tee EX • Horizontal Expand Cross HSR • Horizontal Straight Reducer HLR • Horizontal Left Reducer HRR • Horizontal Right Reducer HT • Horizontal Tee HX •Horizontal Cross VTU • Vertical Tee Up HYR • Horizontal Wye Right HYL • Horizontal Wye Left	12 • (12 in.) 24 • (24 in.) 36 • (36 in.) 48 • (48 in.)

NOTE: For ET and EX, W2 > W1. For RT, HSR, HLR, HRR, W1 > W2.
* Radius not required for HSR, HLR, HRR, HYR, HYL.

Fittings Cover Number Selection

AUW-4-12-SNC-VO90-24

Material	Fitting Style	Siderail Height	Width	Cover Type	Fitting Type	Degree	Radius
A • Aluminum **Prefix**	UW • U-Beam HW • H-Beam	4 • (4 in.) 5 • (5 in.) 6 • (6 in.) 7 • (7 in.)	06 • (6 in.) 09 • (9 in. 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	SNC • Solid Non-Flanged Cover SFC • Solid Flanged Cover VFC • Ventilated Flanged Cover	VO • Vertical Outside Bend VTD • Vertical Tee Down CS • Cable Support	30 • (30°) 45 • (45°) 60 • (60°) 90 • (90°)	12 • (12 in.) 24 • (24 in.) 36 • (36 in.) 48 • (48 in.)

Note: For Peaked fitting covers refer to pages A95 to A97
* Not required for VTD nor for CS

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

Covers

Peaked Covers For Extreme Applications

Horizontal Bend / Vertical Inside Bend

For Horizontal Bend

Aluminum Number Selection

AUW-12-PFC-HB-90-24

Material	Fitting Style	Width	Cover Type	Fitting Type	Degree	Radius
A • Aluminum	UW • U-Beam HW • H-Beam	06 • (6 in.) 09 • (9 in. 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	PFC • Peaked Flanged Cover PVC • Peaked Ventilated Flanged Cover	HB • Horizontal Bend VI • Vertical Inside Bend	30 • (30°) 45 • (45°) 60 • (60°) 90 • (90°)	12 • (12 in.) 24 • (24 in.) 36 • (36 in.) 48 • (48 in.)
Prefix						

Note: Pre-Galvanized not available

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

Covers

Peaked Covers For Extreme Applications

Vertical Outside Bend

Aluminum Number Selection

AUW-4-12-PFC-VO-90-24

Material	Fitting Style	Siderail Height	Width	Cover Type	Fitting Type	Degree	Radius
A • Aluminum	UW • U-Beam HW • H-Beam	4 • (4 in.) 5 • (5 in.) 6 • (6 in.) 7 • (7 in.)	06 • (6 in.) 09 • (9 in. 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	PFC • Peaked Flanged Cover PVC • Peaked Ventilated Flanged Cover	VO • Vertical Outside Bend	30 • (30°) 45 • (45°) 60 • (60°) 90 • (90°)	12 • (12 in.) 24 • (24 in.) 36 • (36 in.) 48 • (48 in.)
Prefix							

Note: Pre-Galvanized not available

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

Covers

Peaked Covers For Extreme Applications

Horizontal Tee

Aluminum Number Selection

AUW-12-PFC-HT-24

Material	Fitting Style	Width	Cover Type	Fitting Type	Radius
A • Aluminum	UW • U-Beam HW • H-Beam	06 • (6 in.) 09 • (9 in. 12 • (12 in.) 18 • (18 in.) 24 • (24 in.) 30 • (30 in.) 36 • (36 in.)	PFC • Peaked Flanged Cover PVC • Peaked Ventilated Flanged Cover	HT • Horizontal Tee	12 • (12 in.) 24 • (24 in.) 36 • (36 in.) 48 • (48 in.)
Prefix					

Note: Pre-Galvanized not available

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

Covers

Accessories For Covers

Quantity of Standard Cover Clamps Required			
Straight section (6 ft.)	4 pcs.	Tees	6 pcs.
Straight section (12 ft./ 3 m)	6 pcs.	Crosses	8 pcs.
Horizontal and Vertical Bends	4 pcs.		

IMPORTANT NOTE: "B" in Cat. No. indicates this accessory can be used for both styles.

Economical Cover Clamp

Cat. No.	Material	Siderail Height
ABW-SCC	Zinc Plated Steel	All Sizes

Cannot be used with U-Style fittings. Can be used with straights and AH fittings only.

Rigid indoor cover clamp for flat and flanged covers.

Universal Fitting Cover Clamp

Cat. No.	Material	Siderail Height
ABW(*)FCC	Zinc Plated Steel	4
(*) Insert siderail height.		5
		6
		7

Rigid indoor cover clamp for flat and flanged covers.

Heavy-Duty Cover Clamp

Cat. No.	Material	Siderail Height	Width of Tray (in.)
ABW4(*)FCC	Zinc Plated Steel	4	06
ABW5(*)HCC		5	09
ABW6(*)HCC		6	12
ABW7(*)HCC		7	18
(*) Insert width of tray..			24
			30
			36
			42

Wraparound design offers added protection for rugged applications and outdoor conditions. Hardware included.

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

Covers

Accessories For Covers

Extreme Heavy-Duty Cover Clamp

Wraparound design offers added protection for rugged applications and outdoor conditions. Hardware included.

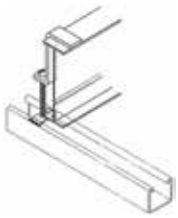
Cat. No.	Material	Siderail Height	Width of Tray (in.)
ABW4(*)ECC	Aluminum	4	06
ABW5(*)ECC		5	09
ABW6(*)ECC		6	12
ABW7(*)ECC		7	18
(*) Insert width of tray.			24
			30
			36

Heavy-Duty Peaked Cover Clamp

Wraparound design formed to fit peaked cover for outdoor applications. Hardware included.

Cat. No.	Material	Siderail Height	Width of Tray (in.)
ABW4(*)HPC	Aluminum	4	06
ABW5(*)HPC		5	09
ABW6(*)HPC		6	12
ABW7(*)HPC		7	18
(*) Insert width of tray.			24
			30
			36

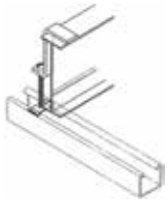
Combination Hold Down Cover Clamp



Designed to secure flat and flanged covers with hold down feature.

Cat. No.	Material	Siderail Height
ABW-4-CCC	Aluminum	4
ABW-5-CCC		5
ABW-6-CCC		6
ABW-7-CCC		7

Hold Down Clamp



Designed to secure cable tray to support system.

Cat. No.	Material	Siderail Height
ABW(*)HDC	Aluminum	4
Note: Hardware included (*) Insert siderail height.		5
		6
		7

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

Covers

Accessories For Covers

Raised Cover Clamp

Cat. No.	Material	*Cover Series	+Cover Offset (in.)
ABW(*) (+) RCC	Zinc Plated Steel	1, 2, 3	1
			2
			3

(*) Cover Series. (+) Cover offset.
Designed to raise cover above tray for added ventilation.

Peaked End Cap

Cat. No.	Material	Siderail Height
ABW(*)PEC	Aluminum	6
		9
		12
		18
		24
		30
		36

(*) Insert width of tray.
Used for transition between peaked covers to straight covers.

Flat Joint Strip

Cat. No.	Material	Siderail Height
ABW(*)SCS	Plastic	6
		9
		12
		18
		24
		30
		36

(*) Insert width of tray.
Strip used for joining covers end to end.

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

Splice Plates

Snap-In Splice Plate

Designed to lock into place for easy alignment and installation.

Packaged in pairs with zinc plated hardware.

Provided as standard with each straight and fitting.

Cat. No.	Material	Siderail Height
ABW-4-SSP	Aluminum	4
ABW-5-SSP		5
ABW-6-SSP		6
ABW-7-SSP		7

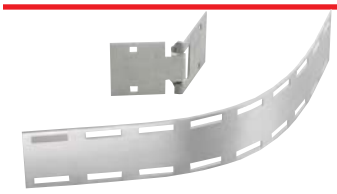
Snap-In Expansion Splice Plate

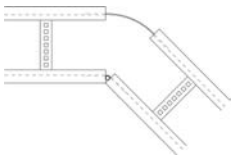
Allows for a 1 in. expansion or contraction of tray system.

Packaged in pairs with zinc plated hardware.

Cat. No.	Material	Siderail Height
ABW-4-ESP	Aluminum	4
ABW-5-ESP		5
ABW-6-ESP		6
ABW-7-ESP		7

Horizontal Adjustable Plate



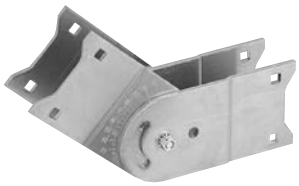


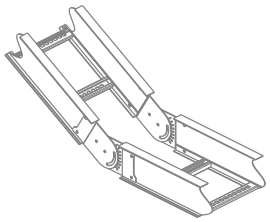
Adjustable hinge plates provide maximum horizontal installation flexibility.
Furnished in pairs with hardware..

Cat. No.	Material	Siderail Height (in.)	For Tray Width
ABW(*)24HSP	Aluminum	4	6 in. to 24 in. inclusive
		5	
ABW(*)36HSP		6	30 in. to 36 in. inclusive
		7	

(*) Insert Siderail Height.

Vertical Adjustable Plate





Hinged vertical plates provide maximum flexibility for changes in elevation.

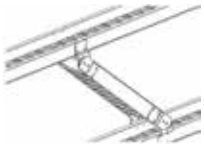
Furnished in pairs with hardware.

Cat. No.	Material	Siderail Height in.
ABW-4-VSP	Aluminum	4
ABW-5-VSP		5
ABW-6-VSP		6
ABW-7-VSP		7

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

Splice Plates

Branch Pivot Connectors



Allows cables to run from one tray level to another.

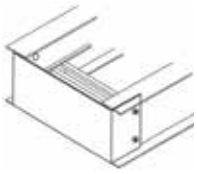
Cat. No.	Material	Siderail Height (in.)
ABW-4-BPC	Aluminum	4
ABW-5-BPC		5
ABW-6-BPC		6
ABW-7-BPC		7

Box to Tray Plates

Designed to secure tray to electrical panels or boxes, walls or end supports.
Furnished in pairs with hardware.

Cat. No.	Material	Siderail Height (in.)
ABW-4-BSP	Aluminum	4
ABW-5-BSP		5
ABW-6-BSP		6
ABW-7-BSP		7

Closure End Plate

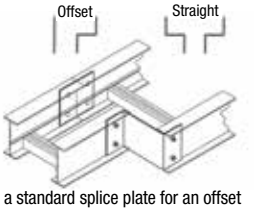


Provides closure for any tray end. Packaged with hardware.

Cat. No.	Material	Siderail Height (in.)	Widths of Tray (in.)
ABW-4-ESP	Aluminum	4	06
			09
ABW-5-ESP		5	12
			18
ABW-6-ESP		6	24
			30
ABW-7-ESP		7	36

(*) Insert width of Tray.

Reducing Splice Plate

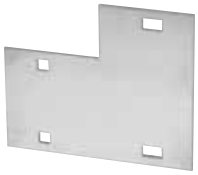


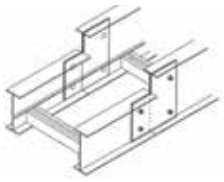
Used in pairs to provide a straight reduction or used with a standard splice plate for an offset reduction. Packaged with hardware.

Cat. No.	Material	Siderail Height (in.)
ABW-4(*)-RSP	Aluminum	4
ABW-5(*)-RSP		5
ABW-6(*)-RSP		6
ABW-7(*)-RSP		7

NOTE: (*) For offset reduction: insert width to be reduced. For straight reduction: insert 1/2 width to be reduced (2 required). Example: ABW-403-RSP = 3 in. offset reducer.

Step Down Splice Plate





Connects siderails of different heights. Hardware included.

Cat. No.	Material	Siderail Height (in.)
ABW(*)(**)SDS	Aluminum	4
		5
		6
		7

(*) Siderail Height 1. (**) Siderail Height 2. NOTE: Siderail Height 1 is greater then Siderail Height 2.

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

Splice Plates

Mid-Span Splice Plate

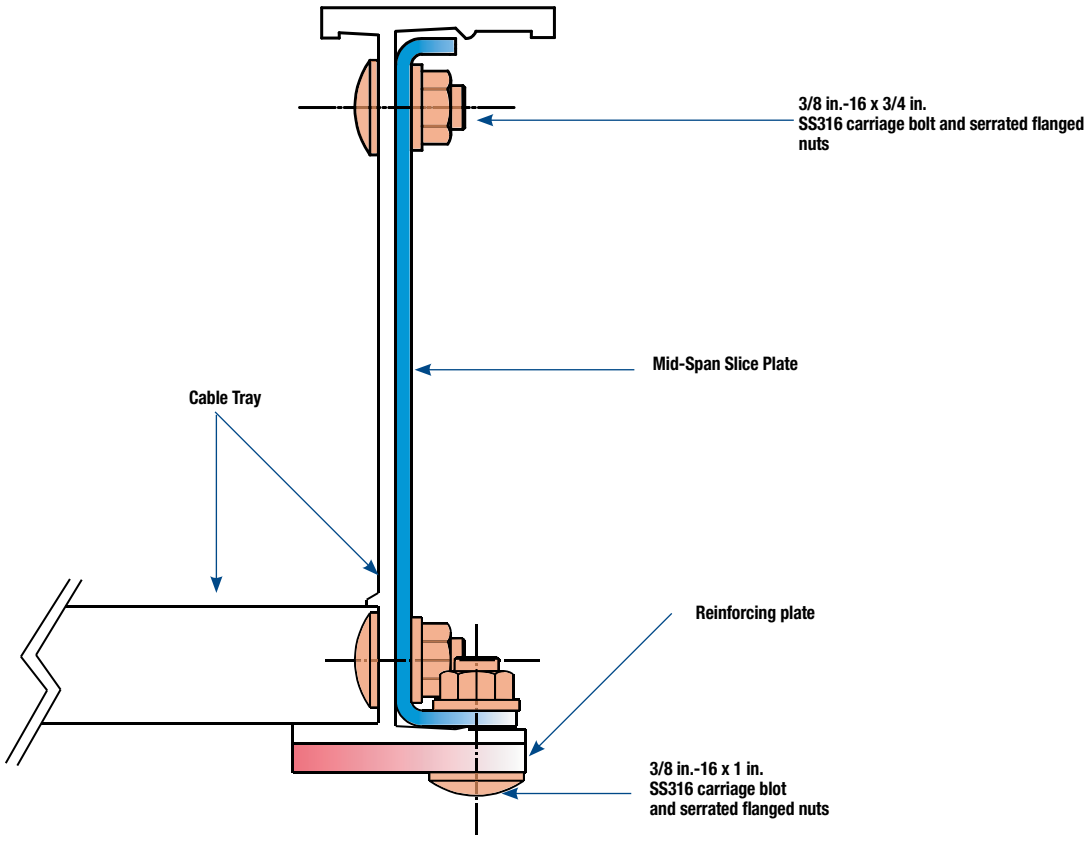
Aluminum Mid-Span Splice Plate

Features

- Factory pre-drilled side rails for above series easy installation.
- Allows random connexion location.
- Tested loading 160 lb./ft., based on a 20 ft.. simple beam test with 1.5 safety factor (tested with AH66 series).
- Supplied with stainless steel type 316 hardware.
- Available on ladder, vented or solid tray style.
- Only available in the following series of aluminum tray: AH46, AH56, AH66 and AH76*.

*(20 ft.. Support Span only).

The Splice Plate

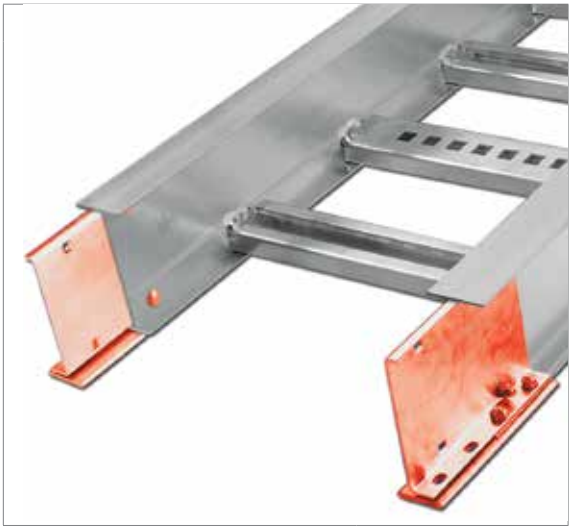


Part #: ABW6SSPMS

Splice Plates

Mid-Span Splice Plate

Typical Installation of Mid-Span Splice Plate



These heavy-duty splice plates are designed to allow random splice location, including the midspan for 20 ft.. support spans. These splices are available for all long-span, ladder, vented or solid tray style.

Straight Section Number Selection

(AMS4-6)-24-L09-6

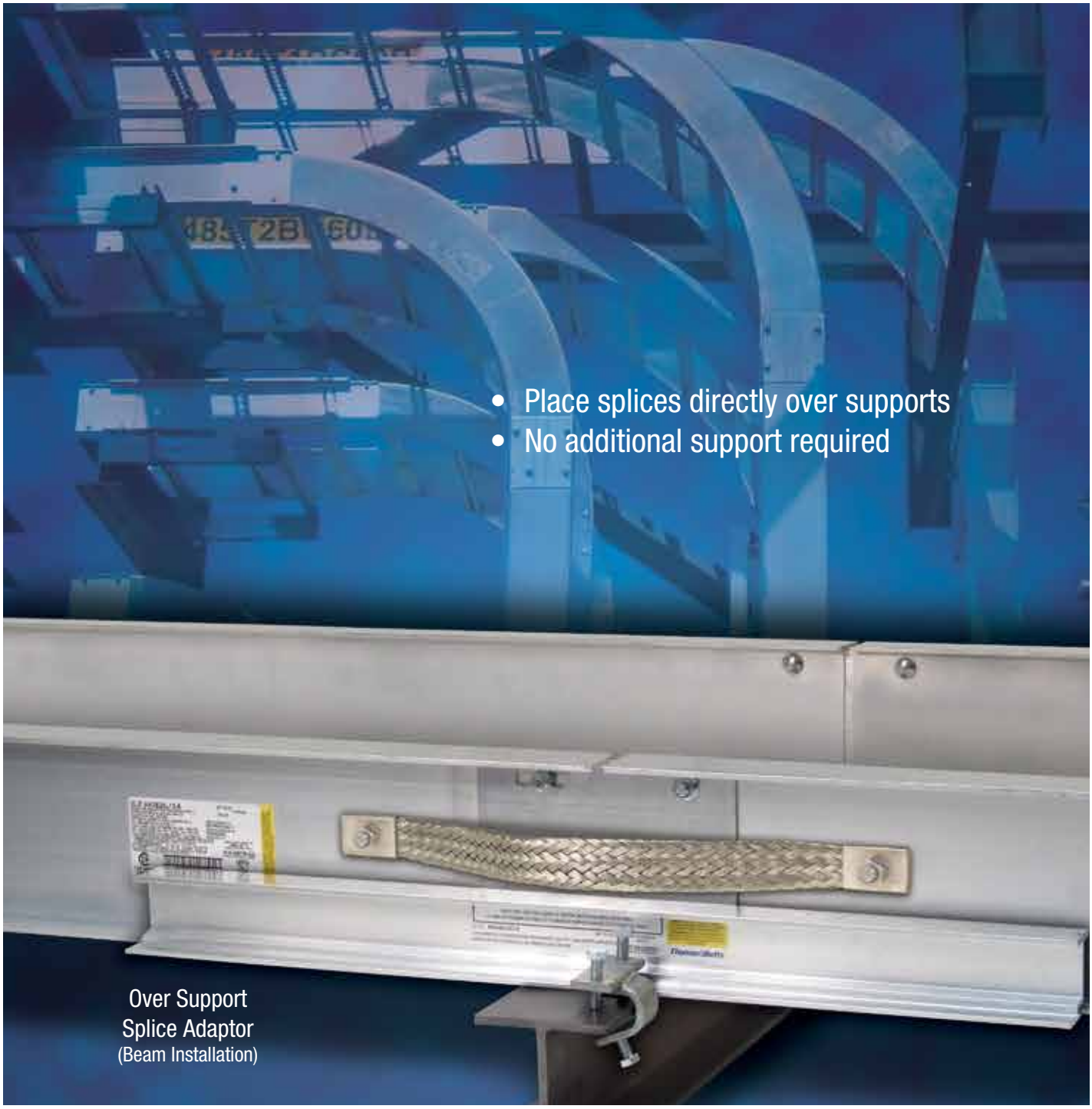
Material	Series	Siderail Depth	Width	Bottom Type	Length
AMS • Mid-Span Splice	4 • Series 4 5 • Series 5 6 • Series 6 7 • Series 7	**6** • (6 in.)	**06** • (6 in.) **09** • (9 in.) **12** • (12 in.) **18** • (18 in.) **24** • (24 in.) **30** • (30 in.) **36** • (36 in.)	L06 • 6 in. rung spacing L09 • 9 in. rung spacing L12 • 12 in. rung spacing V • Ventilated S • Solid Trough	6 •(6 meters) 288 •(24 ft.)
Prefix					

To order straight sections with Mid-Span Splice Plate, replace “AH” in the standard part number with “AMS”.

Example: **AH**6624L12-6
AMS6624L12-6

Splice Plates

Over Support Splice Adaptor



Splice Plates

Over Support Splice Adaptor

Standard 1/4 Span Typical Installation

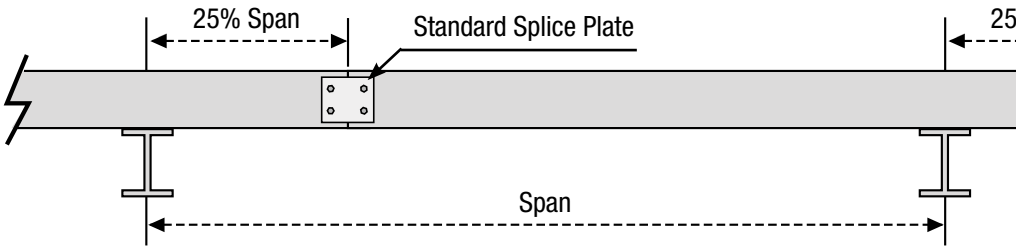
Supports are placed at 1/4 span (25%).

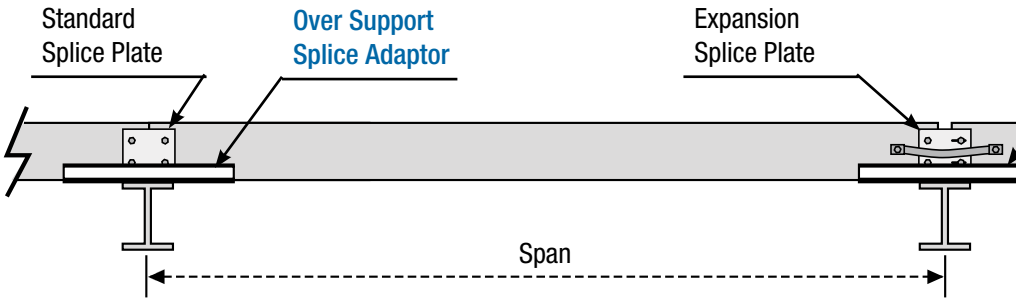
Expansion joints need extra support at 1/2 span to prevent excessive deformation of the tray under heavy loads.

New Over Support Typical Installation

Supports are placed right under the joints of the installation.

The splice adaptor allows a wider distribution of the support, therefore minimizing the stress and deflection of the assembly.

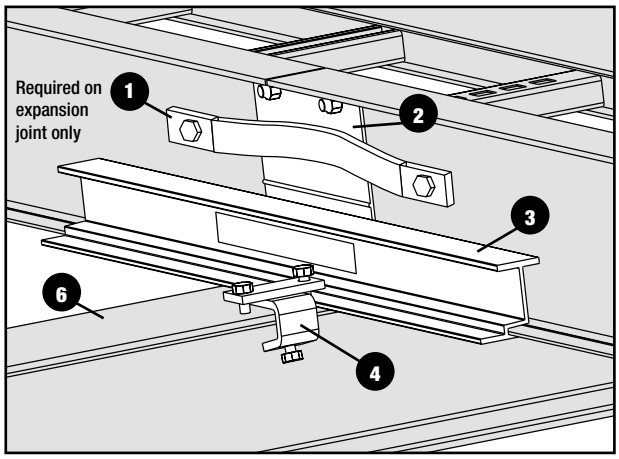


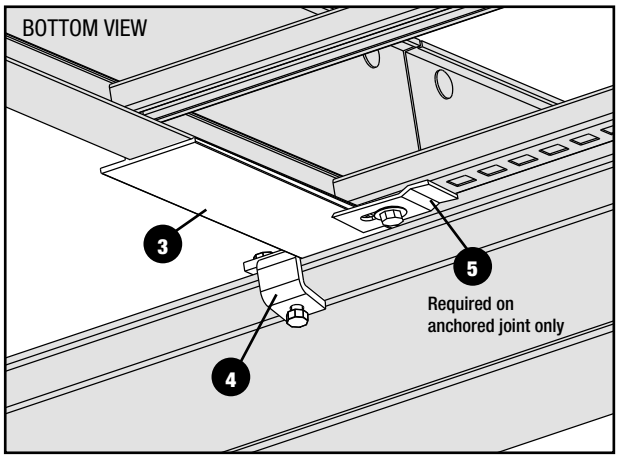


NOTE: Independent of the installation method chosen, AU/AH46 straight sections are CSA approved for Class E loading. (100%)

Over Support Splice Adaptor

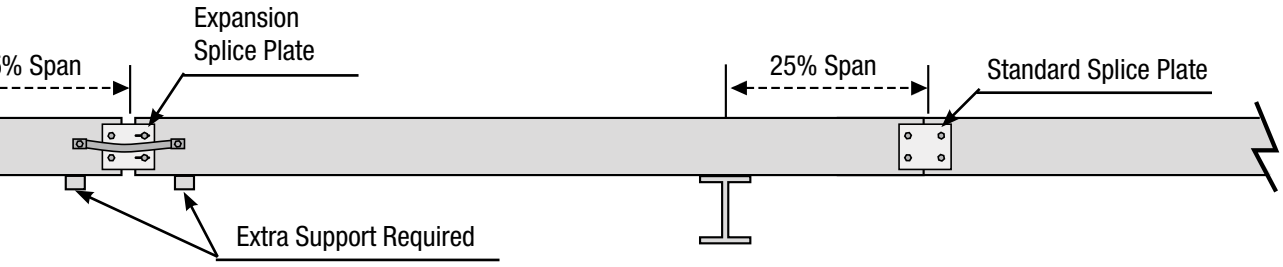
Beam Installation – ABW46-OSS-B

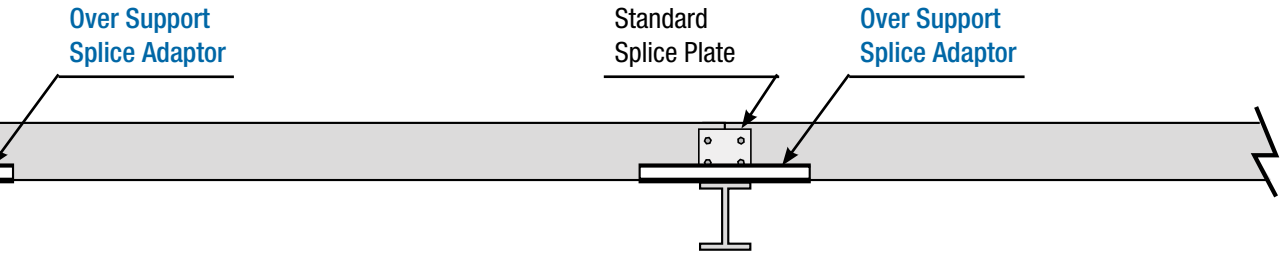




Installation Components

1. Bonding jumper
2. Splice plate
3. Over support splice adaptor
4. Beam clamp
5. Hold down clamp
6. Structural beam
7. Strut (see right page)

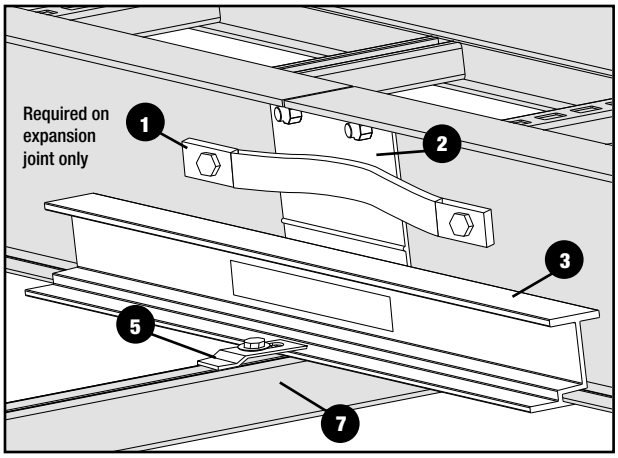


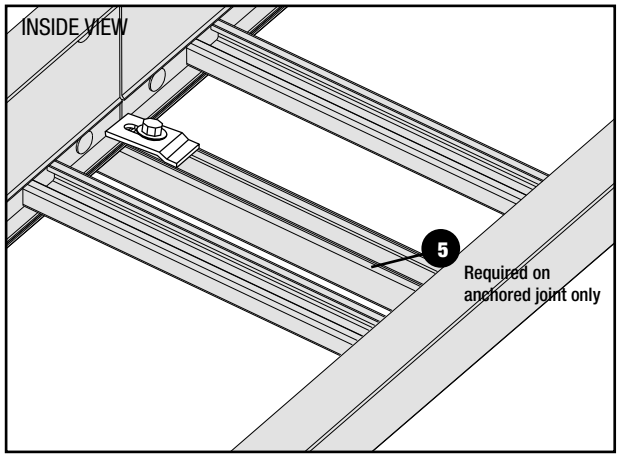


NEMA VE2: Splice joints should be designed and placed so as to maximize the rigidity of the cable tray over support. Splice plates and adaptors are part of a system specifically designed for placement directly over supports.

Over Support Splice Adaptor

Strut Installation – ABW46-OSS-S





Cable Tray Installation

- Every second splice must be an expansion joint.
- For gap setting at expansion joint, refer to NEMA chart on next page.
- For use with T&B Cable Tray series AH46.
- Max. load of 80 lb/ft, 20 ft. span.
- Every joint must have a pair of over support splice adaptors (both standard splices and expansion splices)

Splice Plates

Over Support Splice Adaptor

ABW46-OSS-B

Over Support Splice Adaptor –
Beam Installation

Expansion over support beam 29 in.
SHW-CTC, Heavy-Duty hold down clamp (complete with mounting hardware)
SHW-HEC, Standard hold down clamp
E142-3/8x100EG, 3/8 in. - 16 x 1 in. hex cap screws
AC100-3/8EGC, 3/8 in. strut nut

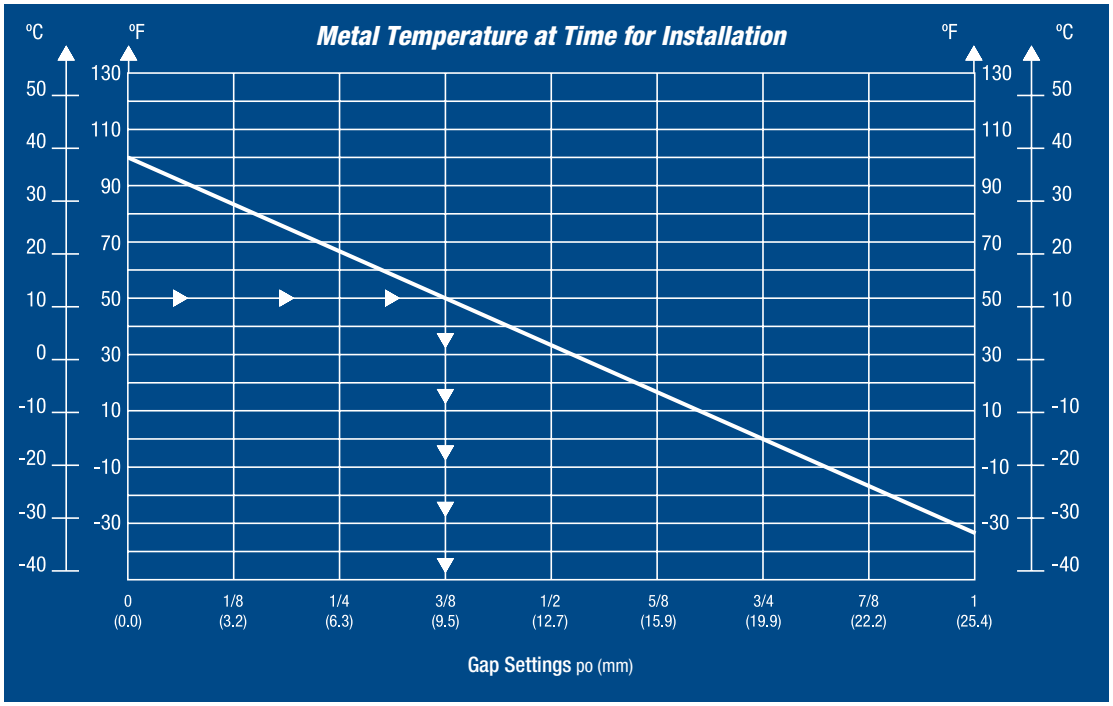
NOTE: Every expansion joint requires the use of a bonding jumper such as FBD16-1 (16 in., 600 amps)

ABW46-OSS-S

Over Support Splice Adaptor –
Strut Installation

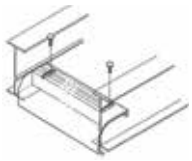
Expansion over support beam 29 in.
SHW-HEC, Standard hold down clamp
E142-3/8x100EG, 3/8 in. - 16 x 1 in. hex cap screws
AC100-3/8EGC, 3/8 in. strut nut
NOTE: Every expansion joint requires the use of a bonding jumper such as FBD16-1 (16 in., 600 amps)

Expansion Plate Gap Chart



Cable Protection

Snap-In Splice Plate



Cat. No.	Material	Widths of Tray (in.)
ABW(*)DO	For ladder and ventilated tray	06
	Aluminum	09
		12
		18
		24
		30
		36

(*) Insert Width of Tray.

Wall Penetration Sleeve

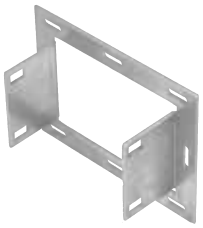
Designed to pass through walls and fire walls. Hardware included. IMPORTANT: Not fire rated. Fire stop not included.

Sold with cover

Cat. No.	Material	Siderail Height	For Tray Width
ABW(*)(**)WPS	Aluminum	4	06
			09
		5	12
			18
		6	24
			30
		7	36

(*) Insert Siderail Height. (**) Insert Width of Tray.

Frame Type Tray to Box Plate



Designed to secure tray to electrical enclosures and panels. Hardware included.

Cat. No.	Material	Siderail Height (in.)	For Tray Width
ABW(*)(**)FBP	Aluminum	4	06
			09
		5	12
			18
		6	24
			30
		7	36

(*) Insert Siderail Height. (**) Insert Width of Tray.

Nylon Expansion Pad

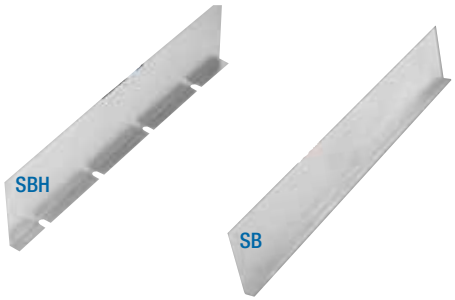
Allows for thermal expansion and contraction of cable trays over supports.

Cat. No.	Material
ABW-NSP	Natural Nylon

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

Barrier Strips

Barrier Strips

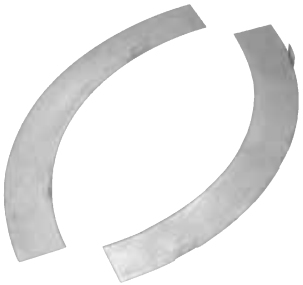


Aluminum barrier strips provide a method of separating cables in tray and trough systems. Easily installed using supplied hardware. 72 in. barriers are flexible for use with horizontal fittings

Cat. No.	Designed for Siderail Height (in.)	Length)
ABW-4-SBH-72	4	72 in.
ABW-5-SBH-72	5	
ABW-6-SBH-72	6	
ABW-7-SBH-72	7	
ABW-4-SB-(*)	4	144 in.
ABW-5-SB-(*)	5	3 m
ABW-6-SB-(*)	6	
ABW-7-SB-(*)	7	

NOTE: 2 in. barriers provided with 3 SPW10SCR. 144 in., 3 m barriers provided with 6 SPW10SCR.
(*) Insert length.

Inside / Outside Vertical Bend Barriers

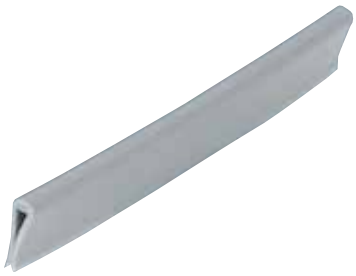


Used for transition between peaked covers to straight covers.

Inside Bend Cat. No.	Outside Bend Cat. No.	Designed for Siderail Height (in.)
AUW(*)VIB-(**)-(+)	AUW(*)VOB-(**)-(+)	4
AUW(*)VIB-(**)-(+)	AUW(*)VOB-(**)-(+)	5
AUW(*)VIB-(**)-(+)	AUW(*)VOB-(**)-(+)	6
AUW(*)VIB-(**)-(+)	AUW(*)VOB-(**)-(+)	7
AHW(*)VIB-(**)-(+)	AHW(*)VOB-(**)-(+)	4
AHW(*)VIB-(**)-(+)	AHW(*)VOB-(**)-(+)	5
AHW(*)VIB-(**)-(+)	AHW(*)VOB-(**)-(+)	6
AHW(*)VIB-(**)-(+)	AHW(*)VOB-(**)-(+)	7

(**) Insert Bend Angle (+) Insert Bend Radius (*) Insert Siderail Height.

Barrier Strip Splice



Alignment splice for joining connecting barrier strips.

Cat. No.	Material
ABW(*)SCS	Plastic

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

Clamps and Hardware

Standard Hold Down Clamp

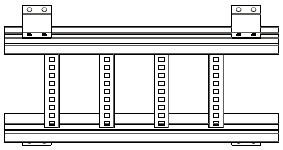
Designed for most indoor installations.

Easy to use and install.

Order 3/8 in. hardware separately.

Cat. No.	Material
SPW-SHC	Zinc Plated Steel
SSW-SHC	316 Stainless

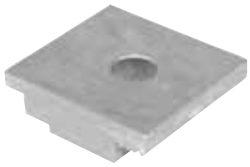
Hold Down Clamp



For vertical applications

Cat. No.	Type	Material	Design Load
ABW-HDCS	Single	Aluminum	600 lb./Pair
ABW-HDCD	Double		1000 lb./Pair

Combination Hold Down / Expansion Guide Clamp



Order 3/8 in. hardware separately.

Cat. No.	Material
ABW-HEC	Aluminum

Aluminum Tray Hardware

Square shoulder self-positioning carriage bolt.

Cat. No.	Material	Description
SPW-1/4-CB	Zinc Plated Steel	1/4 in. Carriage Bolt
SPW-3/8-CB		3/8 in. Carriage Bolt
SPW-1/4-HN		1/4 in. Hex. Nut
SPW-3/8-HN		3/8 in. Hex. Nut
SPW-3/8-HWK*		Zinc Plated Steel Hardware Kit
SSW-3/8-CB	316 Stainless	3/8 in. Carriage Bolt
SSW-3/8-HN		3/8 in. Hex. Nut
SSW-3/8-HWK*		316 Stainless Steel Hardware Kit

*Contains 8 bolts and 8 nuts.

Self-Drilling – Tapping Screw

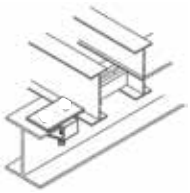
T&B aluminum cable tray is composed of two distinct systems H-Style and U-Style. These systems are interchangeable.

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

Cat. No.	Material	Description
SPW-10-SCR	Zinc Plated Steel	Self-Drilling – Tapping Screw
SSW-10-SCR	Stainless Steel	

Clamps and Hardware

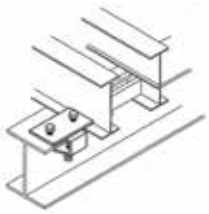
Cable Tray Guide



Cat. No.	Material
SPW-CTG	Zinc Plated Steel
SHW-CTG	Steel Hot Dip

Expansion guide for single or double runs of cable tray.
No need to field drill of channel or I-beam.

Cable Tray Clamp



Inside Bend Cat. No.	Material
SPW-CTC	Zinc Plated Steel
SHW-CTC	Steel Hot Dip

Clamps for single run of cable tray. No need to field drill the channel or I-beam.

Vertical Tray Hanger

Cat. No.	Material	Siderail Height (in.)
ABW(*)VTH	Aluminum	4
		5
		6
		7

* Insert siderail height.

Alignment splice for joining connecting barrier strips.

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