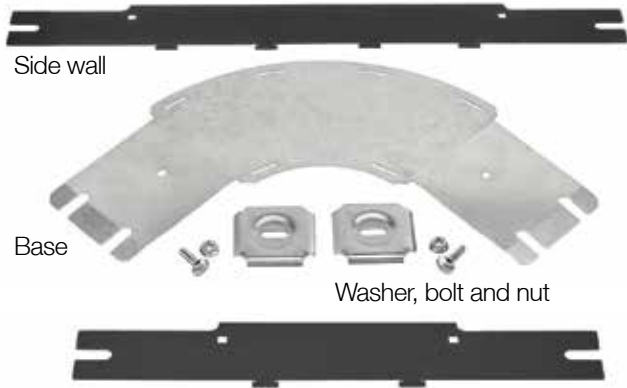


Wire Basket Tray System

Accessories for Wire Basket Tray, Preformed Fittings



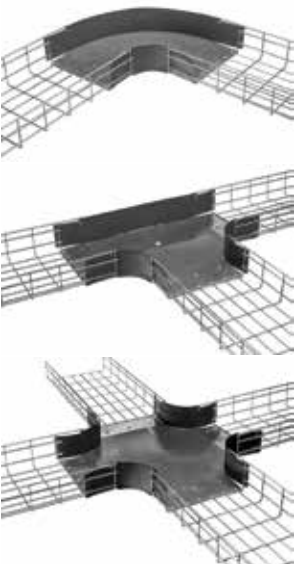
1. Splicing hardware included



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



3. Washer support secured to tray



Installation Efficiency

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

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

*Steel wall preform fittings are available.



4. Attach second tray



5. Install side walls

90 Degree Radius

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

Tee

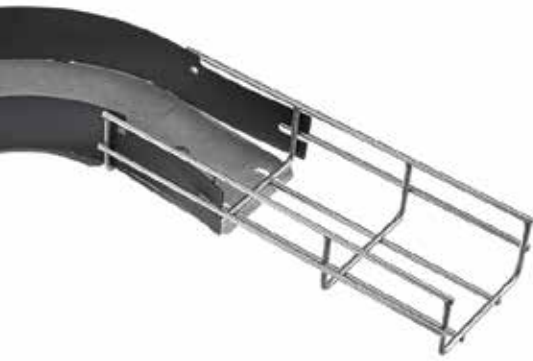
Tray Width	Traditional Configuration	Hubbell Preformed Fittings	Time Savings
4 x 12	8 Minutes, 45 seconds	2 Minutes, 30 seconds	70%
4 x 18	10 Minutes	2 Minutes, 30 seconds	74%

Intersection

Tray Width	Traditional Configuration	Hubbell Preformed Fittings	Time Savings
6 x 24	29 Minutes	4 Minutes, 45 seconds	83%

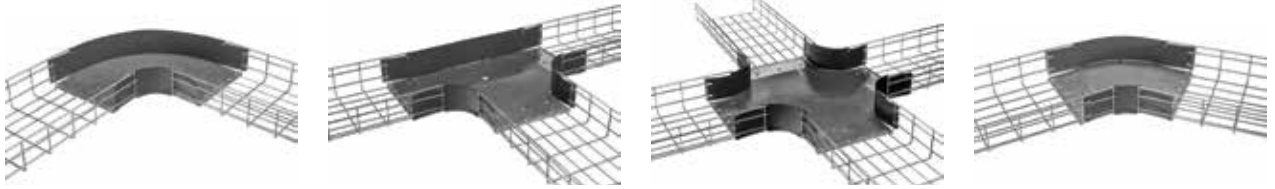
Wire Basket Tray System

Accessories for Wire Basket Tray, Preformed Fittings



Features

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



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

Note: Add **BK** suffix for black base.
Add **SW** suffix for steel side walls.

Dimensions in Inches (mm)

Wire Basket Tray System

Accessories for Wire Basket Tray - Supports and Brackets

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



No Splice Support*

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

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



Supports**

Tray Width	Qty. per Box	Center Support		Ceiling Support		Trapeze Support		
		Pre-Galvanized	Black Powder Coat	Pre-Galvanized	Black Powder Coat	Zinc Plated	Black Powder Coat	
4" (102)	1	HBTCTRS4	HBTCTRS4BK	-	-	50	HBTTS	HBTTSBK
6" (152)	1	HBTCTRS6	HBTCTRS6BK	-	-		Attaches to the side of the tray; for tray sizes 16" wide and smaller; use in pairs every 6 feet for 4" and 6" trays; can be staggered every 5 feet.	
8" (203)	1	HBTCTRS8	HBTCTRS8BK	-	-			
12" (305)	1	HBTCTRS12	HBTCTRS12BK	HBTCLGS12	HBTCLGS12BK			
16" (406)	1	HBTCTRS16	HBTCTRS16BK	HBTCLGS16	HBTCLGS16BK			
18" (457)	1	HBTCTRS18	HBTCTRS18BK	HBTCLGS18	HBTCLGS18BK			
20" (508)	1	HBTCTRS20	HBTCTRS20BK	HBTCLGS20	HBTCLGS20BK			
24" (610)	1	HBTCTRS24	HBTCTRS24BK	HBTCLGS24	HBTCLGS24BK			



Brackets**

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

Note: **Install every 6 feet.

Dimensions in Inches (mm)

Wire Basket Tray System

Accessories for Wire Basket Tray - Covers and Inserts

Black Polymer Inserts with Sides*

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

Tray Width	2" (51) Deep	4" (102) Deep	6" (152) Deep
4" (102)	HBTFRMINSO204BK	HBTFRMINSO404BK	-
6" (152)	HBTFRMINSO206BK	HBTFRMINSO406BK	-
8" (203)	HBTFRMINSO208BK	HBTFRMINSO408BK	HBTFRMINSO608BK
12" (305)	HBTFRMINSO212BK	HBTFRMINSO412BK	HBTFRMINSO612BK
16" (406)	HBTFRMINSO216BK	HBTFRMINSO416BK	HBTFRMINSO616BK
18" (457)	HBTFRMINSO218BK	HBTFRMINSO418BK	HBTFRMINSO618BK
20" (508)	HBTFRMINSO220BK	HBTFRMINSO420BK	HBTFRMINSO620BK
24" (610)	HBTFRMINSO224BK	HBTFRMINSO424BK	HBTFRMINSO624BK

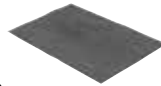
Note: *For white insert, replace **BK** with **WHT**.



Polymer Inserts

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

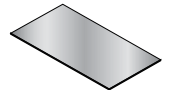
Tray Width	Length	White	Black
4" (102)	118" (3000)	HBTINSNM04WHT	HBTINSNM04
6" (152)	118" (3000)	HBTINSNM06WHT	HBTINSNM06
8" (203)	118" (3000)	HBTINSNM08WHT	HBTINSNM08
12" (305)	118" (3000)	HBTINSNM12WHT	HBTINSNM12
16" (406)	118" (3000)	HBTINSNM16WHT	HBTINSNM16
18" (457)	118" (3000)	HBTINSNM18WHT	HBTINSNM18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



Galvanized Steel Inserts

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

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



Galvanized Steel Covers

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

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



Galvanized Termination Support

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

Tray Width	Length	Pre-Galvanized	Black Powder Coat
6" (152)	6.4" (163)	HBTTTS6	HBTTTS6BK
8" (203)	8" (203)	HBTTTS8	HBTTTS8BK
12" (305)	11.2" (284)	HBTTTS12	HBTTTS12BK
16" (406)	16" (406)	HBTTTS16	HBTTTS16BK
18" (457)	17.6" (447)	HBTTTS18	HBTTTS18BK
20" (508)	19.2" (488)	HBTTTS20	HBTTTS20BK
24" (610)	24" (610)	HBTTTS24	HBTTTS24BK



Galvanized Steel Dividers

Mounting hardware to secure to tray (not included); 2 mounting holes per piece; 5 feet length per piece; 1 piece per box

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



Dimensions in Inches (mm)

Wire Basket Tray System

Accessories for Wire Basket Tray, Supports and Fittings

Description	Tray Width	Finish	Catalog Number
Radius Down Increases cable protection and cable bend control; 1 per box	4" (102) 6" (152) 12" (305)	Black Black Black	HBTRD4BK HBTRD6BK HBTRD12BK
Exit Radius Down* Top tray attachment, increases cable protection and cable bend control; 1 per box	4X4 Minimum Tray Size	Black	HBTEXTRDBK
Vertical Down Protects cables when dropping from the end or side of tray; 1 per box	7/4" (102)	Zinc Plated Black	HBTVD HBTVDBK
Label Clip Attachment for all sizes of tray; 1 per box		White	HBTLCL
Cable Guide* Maintains cable bend radius and acts as a divider for straight sections and fittings; 1 per box		Black	HBTCG
Electrical Box Bracket Attaches electrical box to side of tray; 1 per box		Pre-Galvanized Black	HBTEB HBTEBBL
Sidocar Attaches to outside of tray, provides additional cable support, 2" deep; 1 per box		Pre-Galvanized Black	HBTSC HBTSCBK
Splice Kit 3 piece staked bolt/washer and nut combination; splices straight sections and field formed fittings; 50 pieces per box		Zinc Plated Black Stainless Steel	HBTSK HBTSKBK HBTSKSS
Bar Splice Slotted bar 11 ¹⁵ / ₁₆ " long; Splices straight sections and fittings; bend to form tray reducers; adds rigidity to tray splices; 50 pieces per box		Zinc Plated Black Stainless Steel	HBTBS HBTBSBK HBTBSSS
Corner Splice (2) 90° splice bars and (8) sets of the splice kit		Zinc Plated Black Stainless Steel	HBTCS HBTCSBK HBTCSSS
Splice Fittings Required: Use one per each Tee Fitting; Use two per each Cross Fitting			
Washer Supports Splices straight sections and fittings and can also be used as a hold down method for tray to strut (nut and bolt provided separately); 50 pieces per box		Zinc Plated Black Stainless Steel	HBTWS HBTWSBK HBTWSSS
Self Tapping Screws with Supports 1/4" - 20 self tapping screw and HBTWS; 50 pieces per box		Zinc Plated	HBTUGS

Note: *Mounting hardware included.

Description	Finish	Catalog Number
Fitting Attachment Fills the gap in tray when creating fittings in 2" tray or 4"/6" tray	Pre-Galvanized Black	HBTF A2 HBTF A2BK
	Pre-Galvanized Black	HBTF A46 HBTF A46BK
Rack Attachment Attaches tray directly to the top of a standard rack	Zinc Plated Black	HBTRA HBTRABK
Conduit Attachment Connects conduit to tray (3/4", 1" and 1 1/4" conduit)	Pre-Galvanized Black	HBTC A3 HBTC A3BK
Nut and Bolt Sets 1/4" - 20 nut and bolt sets; 50 pieces per box	Zinc Plated Stainless Steel	HBTNB HBTNBSS
Cable Drop Outs Black polymer inserts; Installed into the bottom of the basket tray to reduce pinch points and maintain a radius bend on the exiting cables	Black	HBTCDBK
Large Cable Drop Outs Black polymer inserts; Installed into the bottom of the basket tray to reduce pinch points and maintain a radius bend on the exiting cables (tray requires cutting to install)	Black	HBTC D4X4BK
Strut Clips Used to hold down basket tray when used with any standard industry strut supports; 50 pieces per box	Pre-Galvanized	HBTSTRUTCLIP
		<ul style="list-style-type: none"> • 12" trays or smaller use 2 clips per strut support • 16" - 18" trays use 3 clips per strut support • Larger trays add one clip per strut support for every 6" of tray width
Grounding Split Bolts These are sold in packs of 10. Bolts are used for supplemental grounding. One bolt is installed per section of basket tray. The installer must supply #6 AWG grounding wire	Copper Alloy	HBTSPLITBOLTPK10



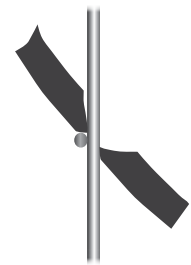
Dimensions in Inches (mm)

Wire Basket Tray System

Technical Support - Cutting and Forming Fittings

Cutting Wire Basket Tray

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



(Side action cutter)

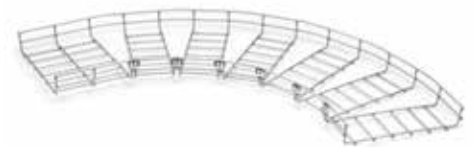
Cutting Tool

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



How to Form a 90 Degree Flat Sweep Elbow

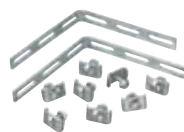
- Determine which wires must be cut for the type of fitting or redirection required. This will usually be the side and bottom wires of every other mesh section.
- Turn the tray over and cut the bottom wires.
- Cut the top side wire.
- Cut the remaining side wires.
- This creates open gaps in the side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



HBTSK Splice Kit
See page V-12 for ordering information.

How to Form a Tee Fitting

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



HBTCS Corner Splice
See page V-12 for ordering information.