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## INTRODUCTION

Decade after decade, for over 60 years, MP Husky continues to be the trusted and proven name in Cable Tray. With more systems installed in more industries and environments than any other manufacturer, you can rest assured MP Husky has the experience and capability to meet your most demanding requirements. As we begin another decade, MP Husky is stronger than ever and positioned to lead the industry with the latest innovations, eco-friendly products, and engineering and manufacturing technologies. Our focus continues to remain on providing unmatched customer support, investing in our people, protecting the environment, and providing the most technologically advanced and engineered systems.

**MP Husky - Engineered to Support Powerful Reputations.**



**EASYCONNECT**  
BASKET TRAY

## DESCRIPTION & SELECTION

Cable tray systems provide rigid structural support for cables in a variety of commercial and industrial applications. The basic styles of cable tray are: Ladder, Trough, Wire Basket, EMI, Pan, and Channel. For a more comprehensive description of the construction and utilization of these types of tray, see the appropriate catalogs and brochures for the products.

### Husky EASYCONNECT Wire Basket

Husky wire basket tray can be used for most wiring situations, however it is best suited for data communications, control and signal cables. The mesh grid system provides cable support while allowing good ventilation of the cables and ease of securing the cables with cable ties. The mesh has a 2" X 4" wire grid system with a safety edge eliminating sharp edges and the possibility of damaging cables or personnel. Wire basket speeds up shipping and eliminates the worry of not having a fitting when you need it. Straight sections are supplied with integral EASYCONNECT connectors on the sides and bottom. The sections with EASYCONNECT connectors are UL classified as suitable for use as an EGC. Unlike conventional tray that uses manufactured fittings for bends, with wire basket the bends and transitions are fabricated in the field from straight sections using inexpensive splice connectors. The EASYCONNECT integrated coupling system is patented under US 2017/0271855 WO 2015/181421.

Husky wire basket tray is offered in 2", 4", 6", 8", 12", 18", 24", 30" and 36" wide.

Husky basket is available in 2", 4" and 6" deep.

Basket trays are offered in 118-1/8 in (3m) length.

Carbon Steel Wire ISO 16120-2 > Class C9D

Zinc trivalent bichromium plating according to ISO 2081:2018 with Atotec Corrotriblue Extreme trivalent chromium passivation (Cr3+) according to UNE 112050 and ISO 4520. Subjected to a salt spray test for a minimum of 96 hours.

Safe working load is established by testing in accordance with NEMA VE-1.

## FORMULAS &amp; CALCULATIONS

**Convert a load with a 1.5 safety factor to a load with a 2.0 safety factor.**

Formula: Multiply the load with a 1.5 safety factor by 0.75 to convert it to a load with a 2.0 safety factor. See sample-load table below: Example: Convert 32 pounds per foot with a 1.5 safety factor to a load with a 2.0 safety factor.

WBS24-12-3M-EZ							
NEMA Class	CSA Class	Support Span	SWL* lbs/ft (kg/m)	Deflection in (mm)	Part No.	UL EGC (amps)	LD (in)
		8ft	32 (47.6)		WBS24-18-3M-EZ	60	4
SWL* stands for Safe Working Load							

Formula	Calculations	Where	
$W_2 = W_1 \times \text{Multiplier} = 32 \times 0.75 = 24 \text{ lbs/ft}$		$W_2$	Calculated Load with a 2.0 Safety Factor
		$W_1$	Load Shown in Table Above for 8' Span
		Multiplier	Safety Factor Multiplier (0.75) for 2.0

## POWDER COATED WIRE BASKET

Powder Coating should be indicated with a "PC" following the product number (ie WBS22-4-3M-EZ-PC"Color")

Powder Coating color should be indicated with the following abbreviations.  
The abbreviation should follow the "PC" (ie WBS22-4-3M-EZ-PCB) for Black

Color	Color Code
Black	"B"
Blue	"BU"
Red	"R"
Orange	"O"
White	"W"
Green	"G"
Gray	"GY"
Yellow	"Y"
Purple	"P"
Brown	"BR"
Primer	"PR"
Please contact factory for custom colors	

**WIRE BASKET CABLE FILL CHART**

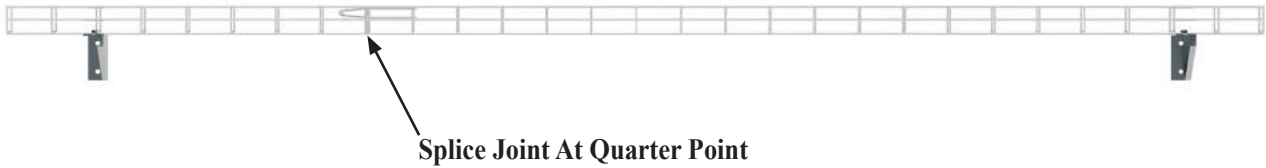
WIRE BASKET TRAY CABLE FILL BASED ON 50% FILL							
Catalog Number	Tray Width in (mm)	Tray Depth in (mm)	Quantity Of Cables By Cable Diameter				
			0.210"	0.250"	0.265"	0.300"	0.354"
2" High Tray							
WBS22-2-3M-EZ	2 (50)	2 (50)	55	39	35	27	5
WBS22-4-3M-EZ	4 (100)	2 (50)	111	78	70	54	10
WBS22-6-3M-EZ	6 (150)	2 (50)	167	118	105	82	16
WBS22-8-3M-EZ	8 (200)	2 (50)	223	157	140	109	21
WBS22-12-3M-EZ	12 (300)	2 (50)	335	236	210	164	32
WBS22-24-3M-EZ	24 (600)	2 (50)	671	473	421	327	65
4" High Tray							
WBS24-4-3M-EZ	4 (100)	4 (100)	223	157	140	109	21
WBS24-6-3M-EZ	6 (150)	4 (100)	335	236	210	164	32
WBS24-8-3M-EZ	8 (200)	4 (100)	447	315	281	219	43
WBS24-12-3M-EZ	12 (300)	4 (100)	671	473	421	328	65
WBS24-18-3M-EZ	18 (450)	4 (100)	1006	710	632	493	98
WBS24-24-3M-EZ	24 (600)	4 (100)	1342	947	843	657	131
6" High Tray							
WBS26-8-3M-EZ	8 (200)	6 (150)	671	473	421	328	65
WBS26-12-3M-EZ	12 (300)	6 (150)	1006	710	632	493	98
WBS26-18-3M-EZ	18 (450)	6 (150)	1510	1065	948	740	147
WBS26-24-3M-EZ	24 (600)	6 (150)	2013	1420	1264	986	197
WBS26-30-3M-EZ	30 (750)	6 (150)	2517	1771	1580	1233	245
WBS26-36-3M-EZ	36 (900)	6 (150)	3019	2130	1896	1479	295

## DESIGN LOADING &amp; DEFLECTION

## Support Locations

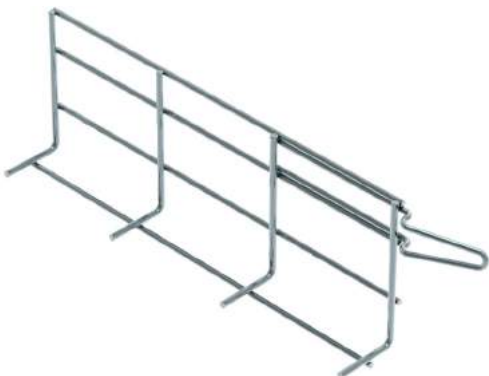
For optimal results, the following recommendations should be observed:

- Distance between supports should not be larger than 8 feet (2.4 meters)
- A support should not be placed right under the splice between 2 tray sections
- The distance between the assembly point of 2 tray sections and the closest support should be between the support and  $L/4$  span (max)

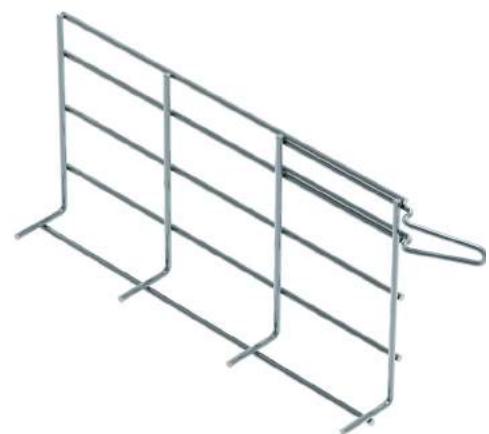




**2" High Wire Basket Profile**



**4" High Wire Basket Profile**



**6" High Wire Basket Profile**

# WIRE BASKET PROFILES & LOADING

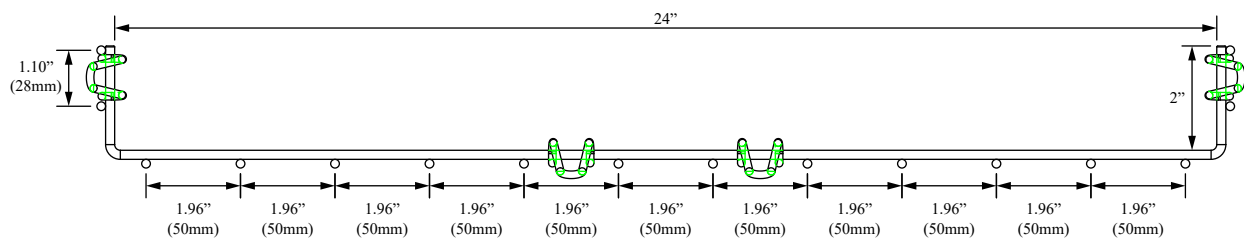
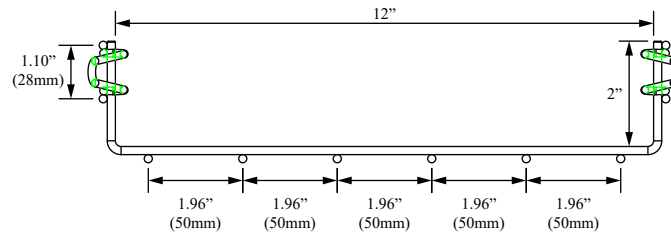
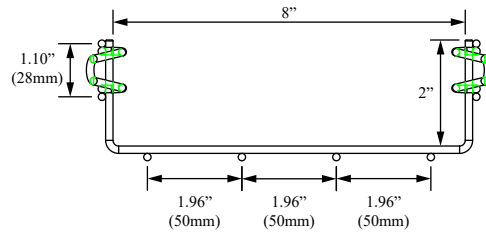
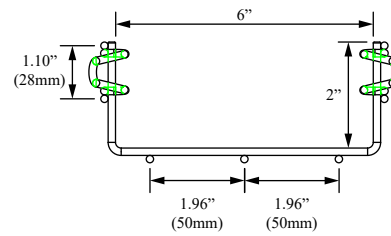
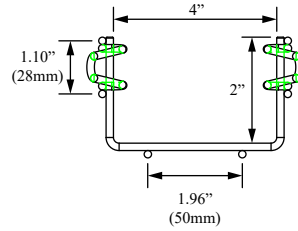
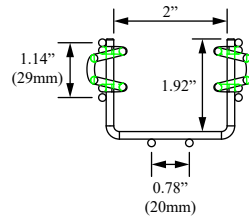
*Tested In Accordance  
With NEMA VE-1*

*Classified By UL As An Equipment  
Grounding Conductor*

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WIRE BASKET PROFILES

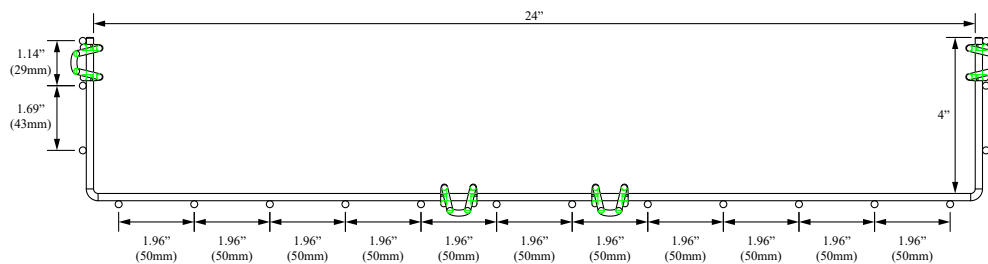
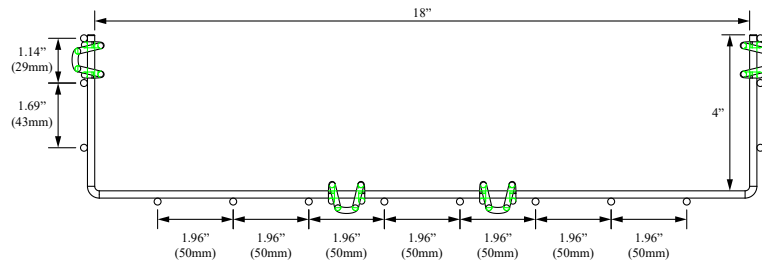
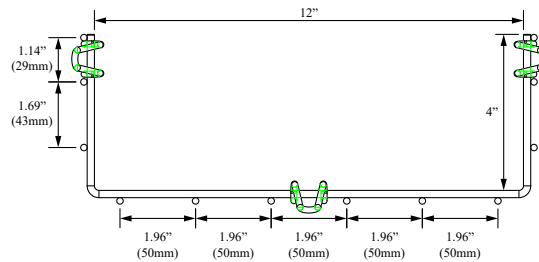
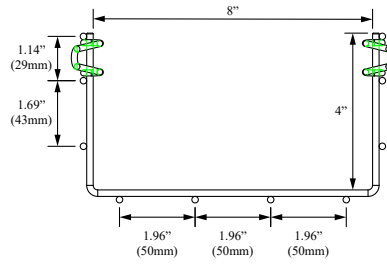
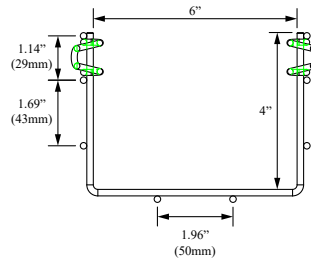
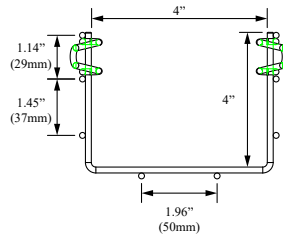
2" HIGH





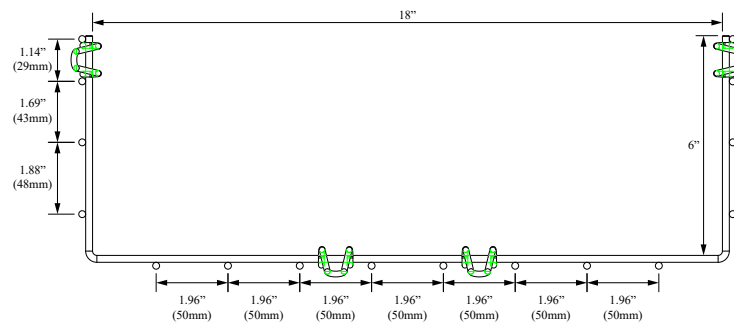
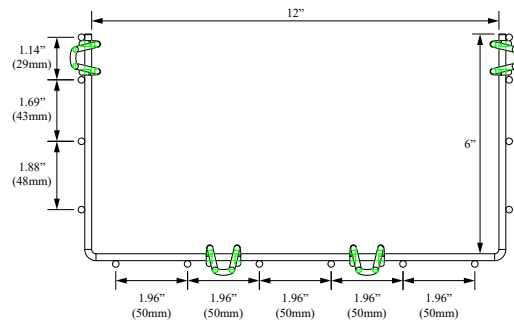
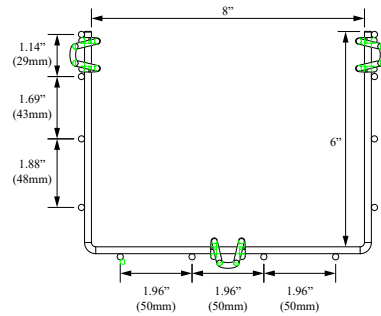
WIRE BASKET PROFILES

4" HIGH



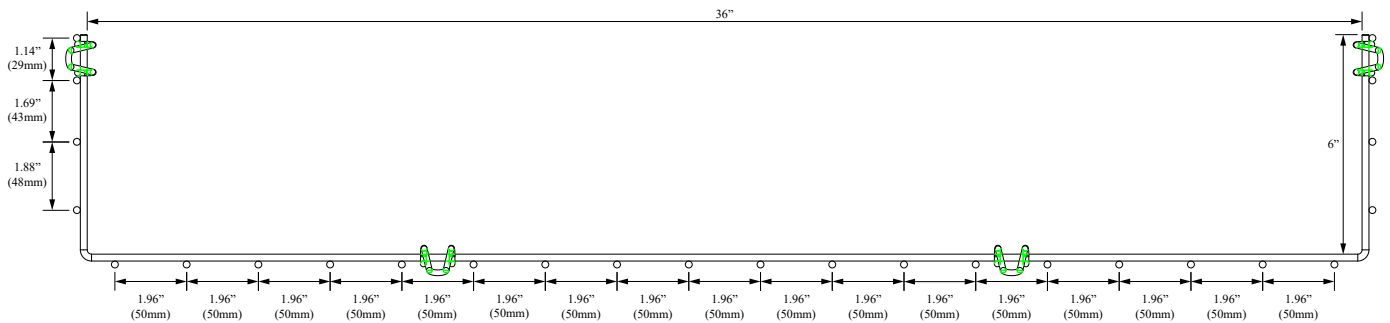
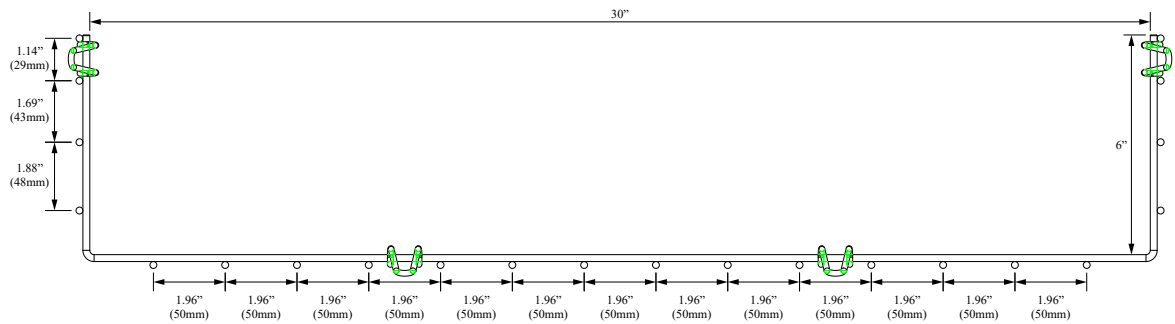
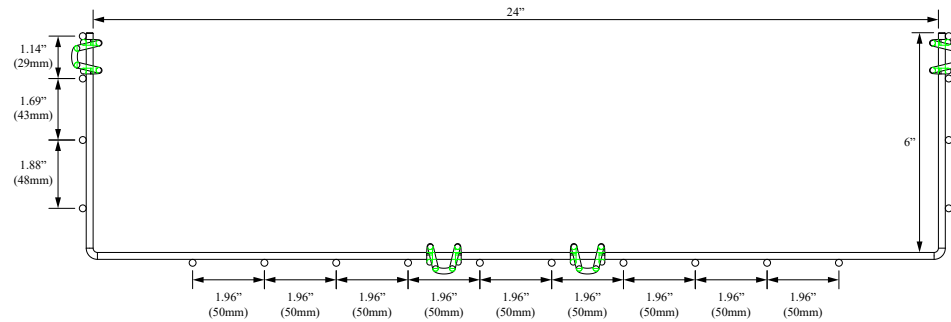
WIRE BASKET PROFILES

6" HIGH



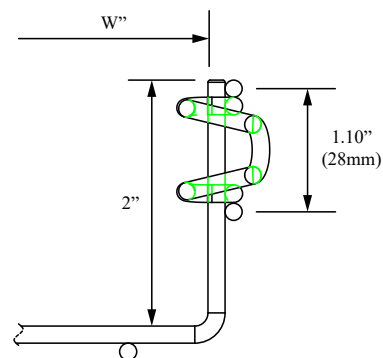
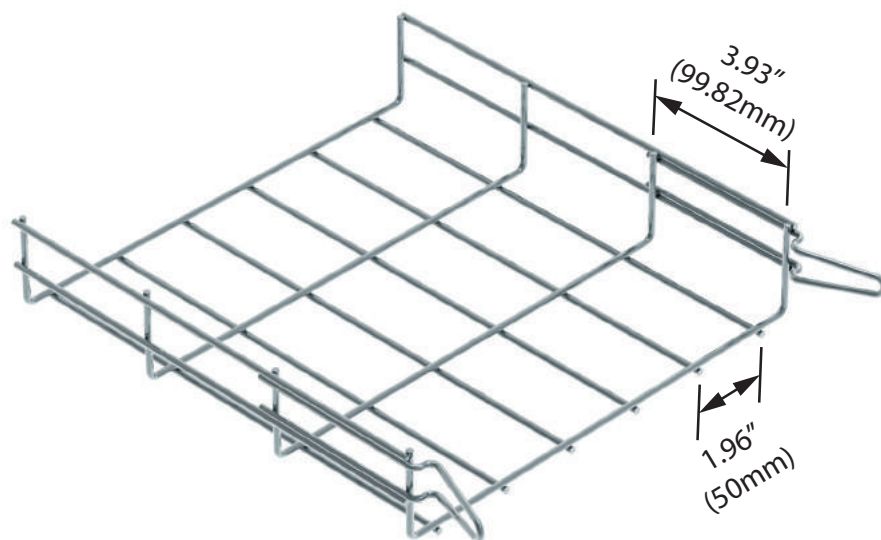
WIRE BASKET PROFILES

6" HIGH



## WIRE BASKET LOADING

2" HIGH



2" HIGH LOADING

## WIRE BASKET LOADING

2" HIGH

Catalog No.	LD in (mm)	Width in (mm)	SWL* lbs/ft (kg/m)	Support Span ft (m)	Length ft (m)	Bottom Splices Required	UL Marking
<b>WBS22-2-3M-EZ</b>	2 (50)	2 (50)	N/A	8 (2.44)	10 (3)	0	N/A
<b>WBS22-4-3M-EZ</b>	2 (50)	4 (100)	11 (16.4)	8 (2.44)	10 (3)	0	N/A
<b>WBS22-6-3M-EZ</b>	2 (50)	6 (150)	14 (20.8)	8 (2.44)	10 (3)	0	N/A
<b>WBS22-8-3M-EZ</b>	2 (50)	8 (200)	15 (22.3)	8 (2.44)	10 (3)	0	N/A
<b>WBS22-12-3M-EZ</b>	2 (50)	12 (300)	22 (32.7)	8 (2.44)	10 (3)	0	0.2
<b>WBS22-24-3M-EZ</b>	2 (50)	24 (600)	33 (49.1)	8 (2.44)	10 (3)	2	0.4

\* Safe Working Load based on 8 ft (2.44m) span with a 1.5 safety factor

(EZ) = Standard finish is electroplated zinc.

N/A = These items are not UL Classified as an Equipment Ground Conductor due to insufficient cross-sectional area.

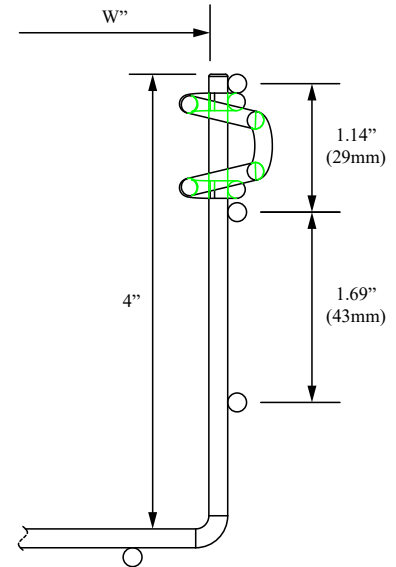
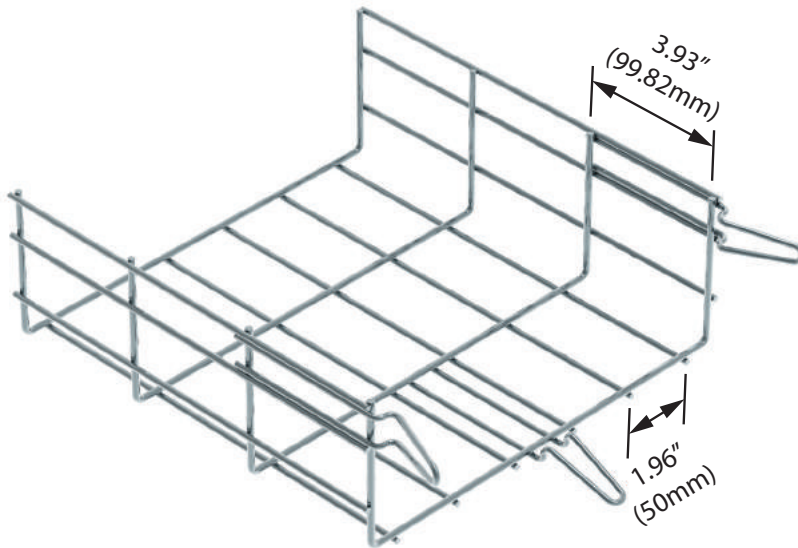
Contact factory for sizes and finishes that are not shown. See Page4 for powder coating codes.

National Electrical Manufacturers Association  
**NEMA**  
 Setting Standards for Excellence  
 Member



WIRE BASKET LOADING

4" HIGH



4" HIGH LOADING

WIRE BASKET LOADING

4" HIGH

Catalog No.	LD in (mm)	Width in (mm)	SWL* lbs/ft (kg/m)	Support Span ft (m)	Length ft (m)	Bottom Splices Required	UL Marking
WBS24-4-3M-EZ	4 (100)	4 (100)	14 (20.8)	8 (2.44)	10 (3)	0	N/A
WBS24-6-3M-EZ	4 (100)	6 (150)	19 (28.3)	8 (2.44)	10 (3)	0	N/A
WBS24-8-3M-EZ	4 (100)	8 (200)	24 (35.7)	8 (2.44)	10 (3)	0	0.2
WBS24-12-3M-EZ	4 (100)	12 (300)	29 (43.2)	8 (2.44)	10 (3)	1	0.2
WBS24-18-3M-EZ	4 (100)	18 (450)	32 (47.6)	8 (2.44)	10 (3)	2	0.2
WBS24-24-3M-EZ	4 (100)	24 (600)	40 (59.5)	8 (2.44)	10 (3)	2	0.4

\* Safe Working Load based on 8 ft (2.44m) span with a 1.5 safety factor

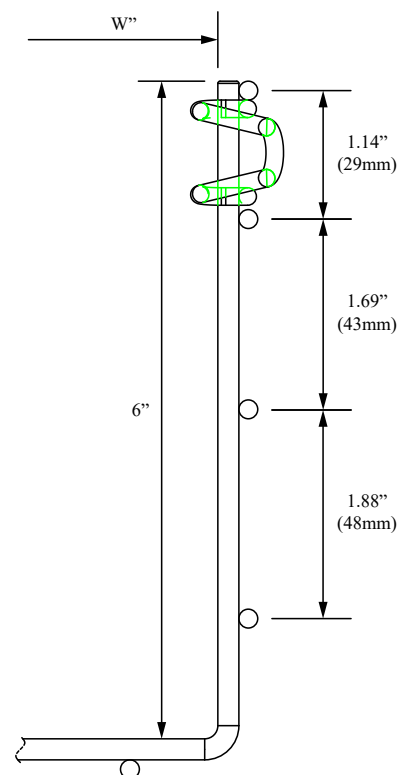
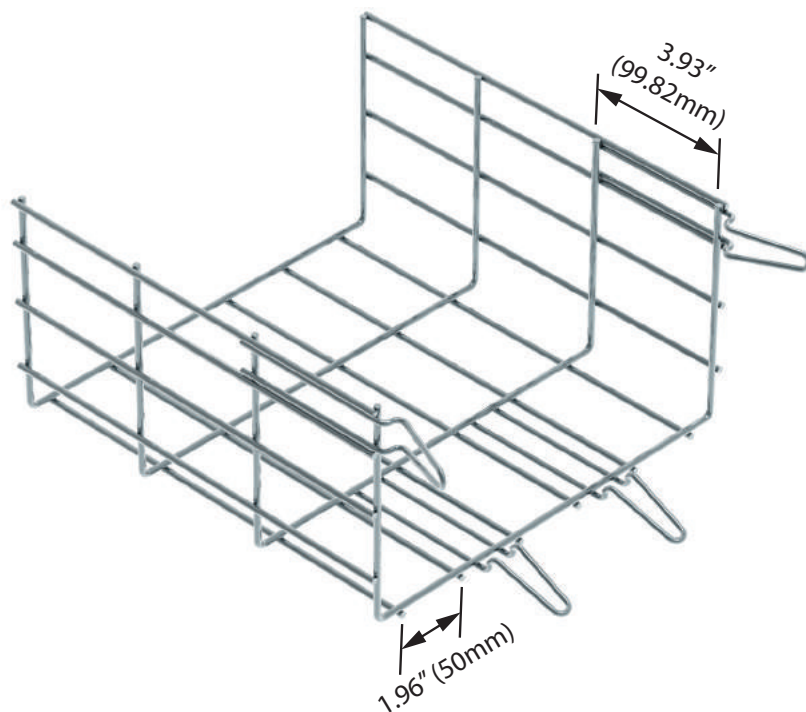
(EZ) = Standard finish is electroplated zinc.

N/A = These items are not UL Classified as an Equipment Ground Conductor due to insufficient cross-sectional area.

Contact factory for sizes and finishes that are not shown. See Page4 for powder coating codes.

## WIRE BASKET LOADING

6" HIGH



## WIRE BASKET LOADING

6" HIGH

Catalog No.	LD in (mm)	Width in (mm)	SWL* lbs/ft (kg/m)	Support Span ft (m)	Length ft (m)	Bottom Splices Required	UL Marking
<b>WBS26-8-3M-EZ</b>	6 (150)	8 (200)	31 (46.1)	8 (2.44)	10 (3)	1	0.2
<b>WBS26-12-3M-EZ</b>	6 (150)	12 (300)	39 (58.0)	8 (2.44)	10 (3)	2	0.2
<b>WBS26-18-3M-EZ</b>	6 (150)	18 (450)	35 (52.0)	8 (2.44)	10 (3)	2	0.4
<b>WBS26-24-3M-EZ</b>	6 (150)	24 (600)	45 (67.0)	8 (2.44)	10 (3)	2	0.4
<b>WBS26-30-3M-EZ</b>	6 (150)	30 (750)	55.5 (82.6)	8 (2.44)	10 (3)	2	0.7
<b>WBS26-36-3M-EZ</b>	6 (150)	36 (900)	77.3 (115.0)	8 (2.44)	10 (3)	2	1.0

\* Safe Working Load based on 8 ft (2.44m) span with a 1.5 safety factor

(EZ) = Standard finish is electroplated zinc.

Contact factory for sizes and finishes that are not shown. See Page4 for powder coating codes.



# WIRE BASKET SPLICES & ACCESSORIES

*Tested In Accordance  
With NEMA VE-1*

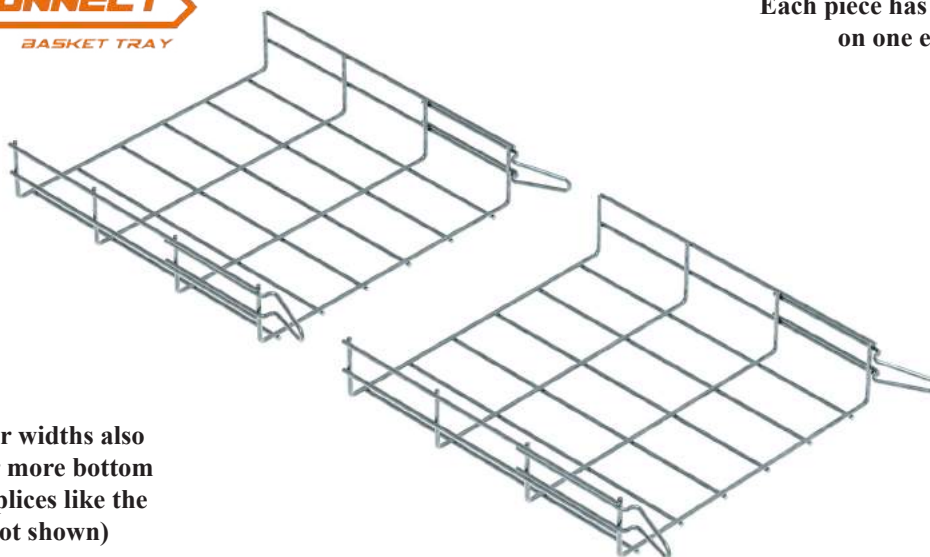
*Classified By UL As An Equipment  
Grounding Conductor*

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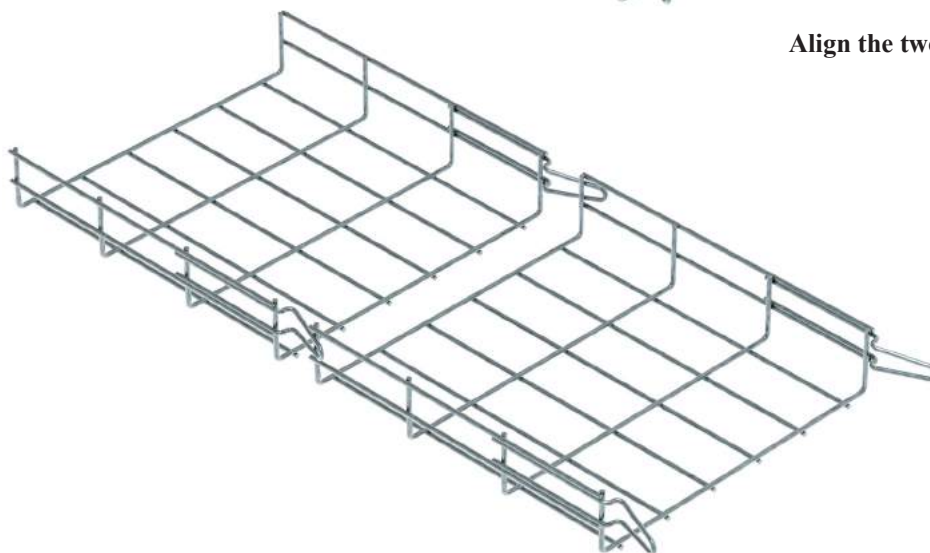
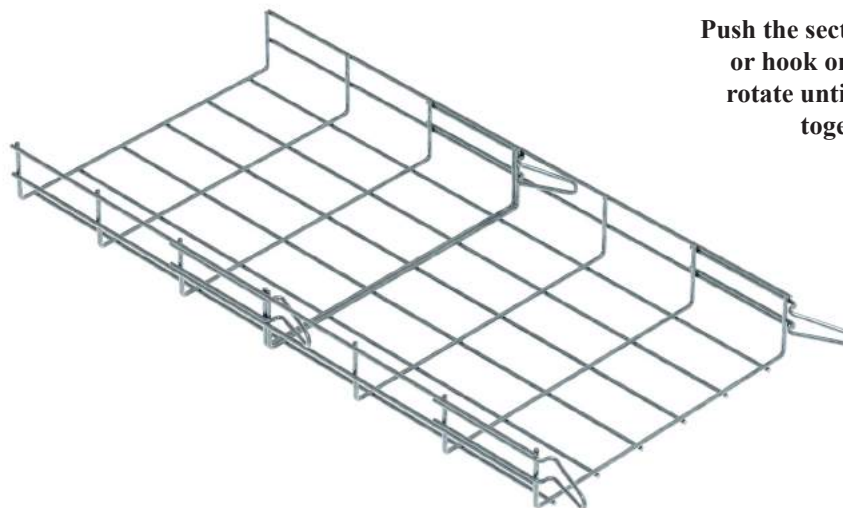
**mp husky**

## WIRE BASKET INTEGRAL EASY CONNECT SPLICE

Joining Two Sections Together with EASYCONNECT Splice


**EASYCONNECT**  
BASKET TRAYEach piece has snap clips  
on one end.Some wider widths also  
have one or more bottom  
snap clip splices like the  
sides (not shown)

Align the two pieces

Push the sections together  
or hook one side and  
rotate until they snap  
together



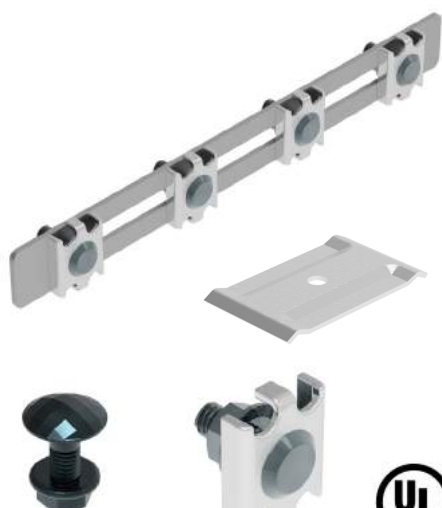
WIRE BASKET SPLICE KITS



***Straight Splice Connector***  
 Heavy duty straight splice connector for a very strong splice connection at field cuts. Includes 2 bottom clamps for use on widths that require the bottom clamps.

***Includes: (2) WB-LU-300-VX-EZ (TOP)***  
***(6) WB-SC-BN-VX-EZ (MIDDLE)***  
***(2) WB-SC-SET-VX-EZ (BOTTOM)***


Description	Catalog No.
WB Straight Splice Kit, EZ	<b>WB-SPLICE-VX-K</b>



***90° Splice Connector***  
 Heavy duty 90° splice connectors for making square or radiused bends.

***Includes: (2) WB-LU-500-VX-EZ (TOP)***  
***(2) WB-HDC-VX-EZ (MIDDLE)***  
***(1) B-120 BOLTS & (1) N-120 NUTS (BOTTOM LEFT)***  
***(8) WB-SC-BN-VX-EZ (BOTTOM RIGHT)***

Description	Catalog No.
WB 90° Horizontal Kit, EZ	<b>WB-90-VX-K</b>



***Horizontal Tee/Cross Connector Kit***  
 This kit is used to construct horizontal tees and crosses by bending the bars in the field. Order two kits to construct a cross.

***Includes: (2) WB-LU-500-VX-EZ (TOP)***  
***(8) WB-SC-BN-VX-EZ (BOTTOM)***

Description	Catalog No.
WB Tee Kit, EZ	<b>WB-TEE-VX-K</b>

## WIRE BASKET SPLICES

**Splice Staple Set**

The complete splice/staple set. Splice Staple sets are used to connect bottoms and even sides when making field cuts. They are also used when forming horizontal bends to fasten the segments together. Sold in packs of 100.

**Includes:** (1) *WB-SC-BN-VX-EZ*  
(1) *WB-SC-BTM-VX-EZ*



Description	Catalog No.
Splice Staple Set	<b>WB-SC-SET-VX-EZ-PK</b>

**Straight Splice**

Heavy duty straight splice connector for a very strong splice connection. Typically used on the sides, but usable on the bottom of the tray. Splice is 12" long. This item doesn't include a bottom connector like in the WB-SPLICE-VX-K. One Splice Connector.

**Includes:** (1) *WB-LU-300-VX-EZ (TOP)*  
(3) *WB-SC-BN-EZ (BOTTOM)*



Description	Catalog No.
Straight Splice, EZ	<b>WB-LU-VX-EZ</b>

**Vertical Hinge Splice**

Vertical hinge connectors are used to slope trays or to make elevation changes. Vertical hinge splices are sold in pairs. Bonding jumpers should be used on both sides of the tray to jump over the splice, unless a separate ground wire is used and attached to each section.

**Includes:** (4) *WB-LU-300-VX-EZ*  
(8) *WB-SC-BN-EZ (BOTTOM LEFT)*  
(2) *B-120 BOLTS & (2) N-120 NUTS (BOTTOM RIGHT)*

Description	Catalog No.
Vertical Hinge Splice Set	<b>SFS-VWB-VX-EZ-K</b>

WIRE BASKET SPLICES

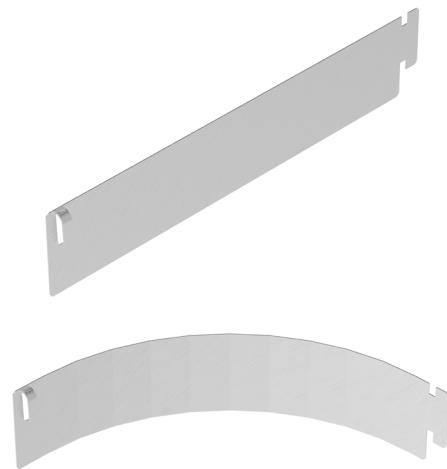


**90 Degree Square Corner Splice**

The 90 degree square corner splice can be field bent to form square 90's, tees and crosses.

**Includes: (1) WB-LU-500-VX-EZ (TOP)  
(4) WB-SC-BN-VX-EZ (BOTTOM)**

Description	Catalog No.
90/Tee/Cross Splice	<b>SSP-90-VX-EZ</b>



**Corner Radius Insert**

The snap-in corner radius is used to make a smooth radius at the corner of a splice connection. The part is flat and formed as needed in the field.

Description	Catalog No.
Corner Radius Insert	<b>WB-CG-VX-RADIUS-EZ</b>

## ACCESSORIES

**Wire Basket Straight Separators**  
Separators are used to separate different cables in the same tray. Separators include one CSS splice connector and hardware to install.

**Includes:** (1) S2S-3M-VX, (1) S4S-3M-VX or (1) S6S-3M-VX (TOP)  
(1) CSS SEPARATOR SPLICE (2ND)  
(4) WB-SC-TOP-VX-EZ (3RD)  
(4) B-120 BOLTS & (4) N-120 NUTS (BOTTOM)

Description	Catalog No.
2" Deep Straight Separator	S2S-3M-VX
4" Deep Straight Separator	S4S-3M-VX
6" Deep Straight Separator	S6S-3M-VX

**Wire Basket Horizontal Bend Separators**  
Separators are used to separate different cables in the same tray. Horizontal separators are flexible and can be bent to the shape of the bend as needed. Separators include one CSS splice connector and hardware to install.

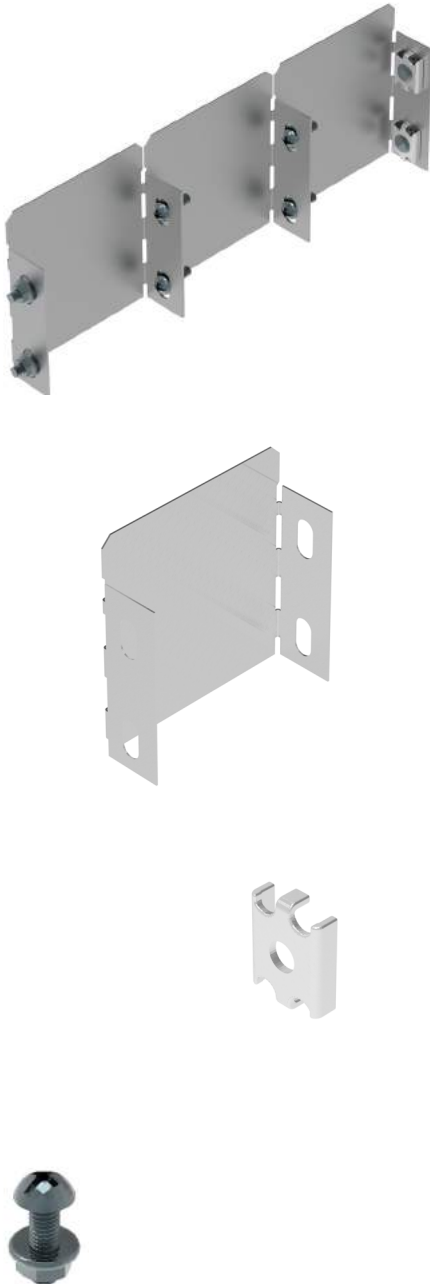
**Includes:** (1) S2S-HA-VX, (1) S4S-HA-VX or (1) S6S-HA-VX (TOP)  
(1) CSS SEPARATOR SPLICE (2ND)  
(4) WB-SC-TOP-VX-EZ (3RD)  
(4) B-120 BOLTS & (4) N-120 NUTS (BOTTOM)

Description	Catalog No.
2" Deep Horiz Bend Separator	S2S-HA-VX
4" Deep Horiz Bend Separator	S4S-HA-VX
6" Deep Horiz Bend Separator	S6S-HA-VX

**Separator Splice**  
CSS Separator splice is applied to make a smooth transition between barrier strips. Each Separator includes one CSS splice, however additional splices may be necessary for field cuts.

Description	Catalog No.
Separator Splice	CSS

ACCESSORIES



**End Plates**

Used to close off the end of a tray. End plates are supplied in 2" & 4" wide sections and bolted together for the correct width.

**Includes the Required Quantity of:**

*(VARIES) WBEP-(WIDTH)X(DEPTH) (TOP)*

*(VARIES) WB-SC-TOP-VX-EZ (3rd)*

*(VARIES) B-120 BOLTS (BOTTOM)*

*(VARIES) N-120 NUTS (BOTTOM)*

Description	Catalog No.
2" Wide x 2" Deep End Plate	<b>WBEP-2X2-VX-EZ</b>
4" Wide x 2" Deep End Plate	<b>WBEP-4X2-VX-EZ</b>
6" Wide x 2" Deep End Plate	<b>WBEP-6X2-VX-EZ</b>
8" Wide x 2" Deep End Plate	<b>WBEP-8X2-VX-EZ</b>
12" Wide x 2" Deep End Plate	<b>WBEP-12X2-VX-EZ</b>
24" Wide x 2" Deep End Plate	<b>WBEP-24X2-VX-EZ</b>
4" Wide x 4" Deep End Plate	<b>WBEP-4X4-VX-EZ</b>
6" Wide x 4" Deep End Plate	<b>WBEP-6X4-VX-EZ</b>
8" Wide x 4" Deep End Plate	<b>WBEP-8X4-VX-EZ</b>
12" Wide x 4" Deep End Plate	<b>WBEP-12X4-VX-EZ</b>
18" Wide x 4" Deep End Plate	<b>WBEP-18X4-VX-EZ</b>
24" Wide x 4" Deep End Plate	<b>WBEP-24X4-VX-EZ</b>
8" Wide x 6" Deep End Plate	<b>WBEP-8X6-VX-EZ</b>
12" Wide x 6" Deep End Plate	<b>WBEP-12X6-VX-EZ</b>
18" Wide x 6" Deep End Plate	<b>WBEP-18X6-VX-EZ</b>
24" Wide x 6" Deep End Plate	<b>WBEP-24X6-VX-EZ</b>
30" Wide x 6" Deep End Plate	<b>WBEP-30X6-VX-EZ</b>
36" Wide x 6" Deep End Plate	<b>WBEP-36X6-VX-EZ</b>

## ACCESSORIES

Reducer kits will make straight or offset reducers for the width ordered



Straight Reducer



Offset Reducer



### Reducers

Reducers are used to change from one width to another width. Reducers are supplied in 2" & 4" wide sections and bolted together for the correct offset.

*Includes the Required Quantity of:*

*(VARIES) WBRP-(WIDTH)R(WIDTH 1)X(HEIGHT)-VX-EZ*

*(VARIES) WB SC-SET-VX-EZ (MIDDLE)*

*(VARIES) WB-SC-TOP-VX-EZ (BOTTOM RIGHT)*

*(VARIES) B-120 BOLTS (BOTTOM LEFT)*

*(VARIES) N-120 NUTS (BOTTOM LEFT)*

WIDTH = LARGE WIDTH  
WIDTH 1 = SMALL WIDTH

W	W1	Prefix	2" High Catalog No. Suffix	4" High Catalog No. Suffix	6" High Catalog No. Suffix
4	2	WBRP-	4R2X2-VX-EZ	N/A	N/A
6	2	WBRP-	6R2X2-VX-EZ	N/A	N/A
6	4	WBRP-	6R4X2-VX-EZ	6R4X4-VX-EZ	N/A
8	2	WBRP-	8R2X2-VX-EZ	N/A	N/A
8	4	WBRP-	8R4X2-VX-EZ	8R4X4-VX-EZ	N/A
8	6	WBRP-	8R6X2-VX-EZ	8R6X4-VX-EZ	N/A
12	2	WBRP-	12R2X2-VX-EZ	N/A	N/A
12	4	WBRP-	12R4X2-VX-EZ	12R4X4-VX-EZ	N/A
12	6	WBRP-	12R6X2-VX-EZ	12R6X4-VX-EZ	N/A
12	8	WBRP-	12R8X2-VX-EZ	12R8X4-VX-EZ	12R8X6-VX-EZ
18	4	WBRP-	N/A	18R4X4-VX-EZ	N/A
18	6	WBRP-	N/A	18R6X4-VX-EZ	N/A
18	8	WBRP-	N/A	18R8X4-VX-EZ	18R8X6-VX-EZ
18	12	WBRP-	N/A	18R12X4-VX-EZ	18R12X6-VX-EZ
24	2	WBRP-	24R2X2-VX-EZ	N/A	N/A
24	4	WBRP-	24R4X2-VX-EZ	24R4X4-VX-EZ	N/A
24	6	WBRP-	24R6X2-VX-EZ	24R6X4-VX-EZ	N/A
24	8	WBRP-	24R8X2-VX-EZ	24R8X4-VX-EZ	24R8X6-VX-EZ
24	12	WBRP-	24R12X2-VX-EZ	24R12X4-VX-EZ	24R12X6-VX-EZ
24	18	WBRP-	N/A	24R18X4-VX-EZ	24R18X6-VX-EZ

Sample Catalog No: WBRP-4R2X2-VX-EZ (4" wide to 2" wide, 2" high reducer)

ACCESSORIES

Reducer kits will make straight or offset reducers for the width ordered



Straight Reducer



Offset Reducer



**Reducers (Cont)**

Reducers are used to change from one width to another width. Reducers are supplied in 2" & 4" wide sections and bolted together for the correct offset.

**Includes the Required Quantity of:**

*(VARIES) WBRP-(WIDTH)R(WIDTH 1)X(HEIGHT)-VX-EZ*

*(VARIES) WB SC-SET-VX-EZ (MIDDLE)*

*(VARIES) WB-SC-TOP-VX-EZ (BOTTOM RIGHT)*

*(VARIES) B-120 BOLTS (BOTTOM LEFT)*

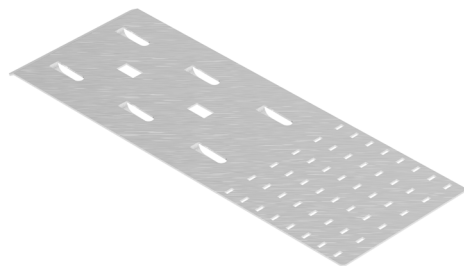
*(VARIES) N-120 NUTS (BOTTOM LEFT)*

**WIDTH = LARGE WIDTH**

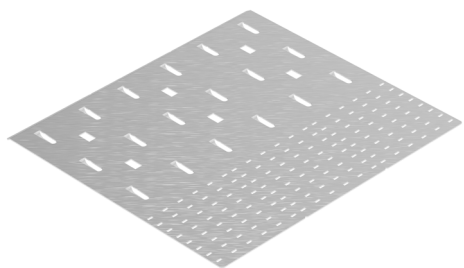
**WIDTH 1 = SMALL WIDTH**

W	W1	Prefix	2" High Catalog No. Suffix	4" High Catalog No. Suffix	6" High Catalog No. Suffix
30	8	WBRP-	N/A	N/A	30R8X6-VX-EZ
30	12	WBRP-	N/A	N/A	30R12X6-VX-EZ
30	18	WBRP-	N/A	N/A	30R18X6-VX-EZ
30	24	WBRP-	N/A	N/A	30R24X6-VX-EZ
36	8	WBRP-	N/A	N/A	36R8X6-VX-EZ
36	12	WBRP-	N/A	N/A	36R12X6-VX-EZ
36	18	WBRP-	N/A	N/A	36R18X6-VX-EZ
36	24	WBRP-	N/A	N/A	36R24X6-VX-EZ
36	30	WBRP-	N/A	N/A	36R30X6-VX-EZ
Sample Catalog No: WBRP-4R2X2-VX-EZ (4" wide to 2" wide, 2" high reducer)					

## ACCESSORIES



Side Dropout

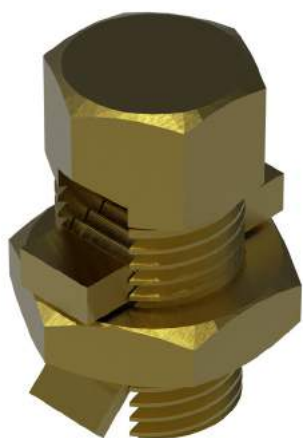


End Dropout

**Cable Dropout**

Dropouts are used to provide a radius for cables exiting the tray. Fastens in place by bending the smart tabs. The WB-BD-100-VX is sized to fit between the side wires for dropping out the side. The other dropouts below are end type dropouts and are sold as kits by the width of the tray. These kits are supplied in 4" wide segments only. For example the 6" wide kit would only have one 4" segment and the 18" wide would be supplied with four 4" wide segments. The dropouts are shipped flat and must be formed to a radius in the field.

Description	Catalog No.
Cable Dropout, Side	<b>WB-BD-100-VX</b>
Cable Dropout, End, 4"	<b>WB-BD-4-VX</b>
Cable Dropout, End, 6"	<b>WB-BD-6-VX</b>
Cable Dropout, End, 8"	<b>WB-BD-8-VX</b>
Cable Dropout, End, 12"	<b>WB-BD-12-VX</b>
Cable Dropout, End, 18"	<b>WB-BD-18-VX</b>
Cable Dropout, End, 24"	<b>WB-BD-24-VX</b>
Cable Dropout, End, 30"	<b>WB-BD-30-VX</b>
Cable Dropout, End, 36"	<b>WB-BD-36-VX</b>

**Ground Clamp**

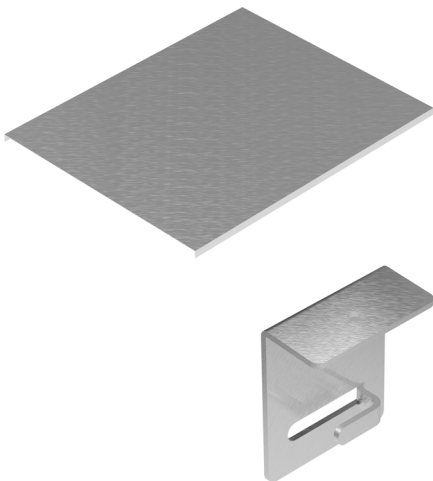
Ground Clamp for attaching ground wires to tray or making bonding jumpers in the field. All wire basket tray, regardless of size, that is being used as an equipment ground conductor will require ground clamps on each section and a minimum #10 continuous ground wire.

**Fits: #10 AWG through #4 AWG Stranded cable (O.D. 0.115" - 0.26")**

Description	Catalog No.
Ground Clamp	<b>WB-GC-6-VX</b>



ACCESSORIES




**Covers**

Flanged covers for wire basket cable tray. Standard length is 118-1/8" (3M). Covers are supplied with four cover clips and screws.

**Includes:** (1) *WBCF2-(W)-3M-VX*  
 (4) *CVR-CLIP-VX-EZ*  
 (4) *B-37, SELF DRILLING/SELF TAPPING SCREWS*

**(W) = Insert Tray Width**

Description	Catalog No.
Flanged Cover	<b>WBCF2-(W)-3M-VX</b>




**Cover Clamp**

Cover clamps are used to secure covers to the wire basket tray. The clip fastens to the basket by bending the smart tab around one of the vertical wires and using a sheet metal screw through the clip into the cover.

**Includes:** (1) *CVR-CLIP-VX-EZ*  
 (1) *B-37, SELF DRILLING/SELF TAPPING SCREWS*

Description	Catalog No.
Cover Clamp	<b>CVR-CLIP-VX-EZ</b>



**Solid Bottom Inserts**

Solid bottom inserts drop in the tray and cover the bottom hiding cables when viewed from underneath. Standard Length is 118-1/8" (3M). Inserts are supplied with 2 hold down clamps and mounting hardware.

**Includes:** (1) *SWB0SBI-(W)-3M-VX*  
 (2) *WB-HDC-VX-EZ or WB-SC-BN-VX-EZ for 2" wide*  
 (2) *B-120 BOLTS*  
 (2) *N-120 NUTS*

**(W) = Insert Tray Width**

Description	Catalog No.
Solid Bottom Insert	<b>SWB0SBI-(W)-3M-VX</b>

## ACCESSORIES



Not Available in Widths less than 6"

**Wall Penetration Sleeve**

Wall Penetration sleeves are used to pass tray through walls. Wire Basket will rest inside the pan tray. Standard Mill-Galvanized material.

**Includes: (1) PWPP-(W)-(H)-VX SOLID BOTTOM PAN**

**(2) PWPC-(W)-(H)-VX CONNECTORS**

**(1) CSIS6-(W)-24-VX COVER FOR PAN**

**(4) B-100 BOLTS FOR 2", (8) B-100 FOR 4" or (12) FOR 6" HIGH**

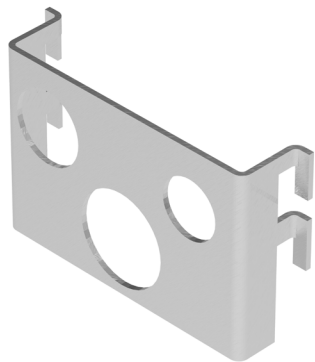
**(4) N-100 NUTS FOR 2", (8) N-100 FOR 4" or (12) FOR 6" HIGH**

**(8) B-26 COVER SCREWS**

**(W) = Insert Tray Width (6" Wide or Wider Only)**

**(H) = Insert Height (WBS22, WBS24, or WBS26)**

Description	Catalog No.
Wall Penetration Sleeve	PWPS-(W)-(H)

**Conduit Dropout Adapters**

Conduit dropout adapters are used to provide a mounting place on the tray for 1/2", 3/4" and 1" conduits entering or leaving the tray. Fastens in place by bending the smart tabs.

Description	Catalog No.
Conduit Mounting Adapter	WB-VDS-U-VX-EZ

**Cutting Tool**

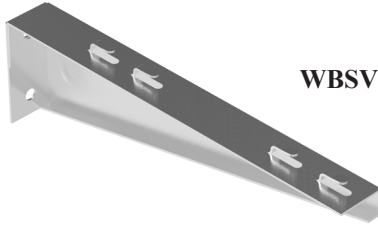
Cutter is used for cutting wires for field modifications such as forming fittings from straights or to cut shorter straight sections. Cutting tool is equipped with offset blades for more precise cutting and has 17" long handles for leverage.

Description	Catalog No.
Cutting Tool	WBCT

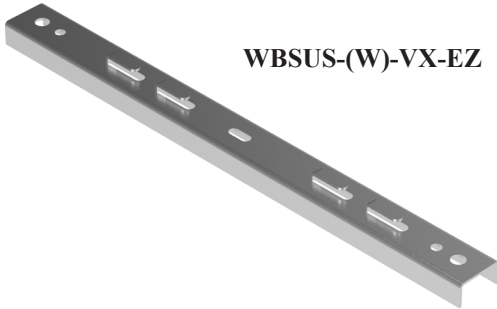


**WB-HDC-VX-EZ**

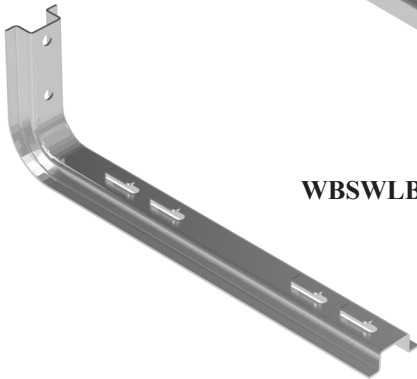
**WB-VHC-VX-EZ**



**WBSVBK-(W)-VX-EZ**



**WBSUS-(W)-VX-EZ**



**WBSWLB-(W)-VX-EZ**

# WIRE BASKET SUPPORT MATERIAL

*Tested In Accordance  
With NEMA VE-1*

*Classified By UL As An Equipment  
Grounding Conductor*

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**mp husky**

## SUPPORT MATERIAL

***Hold Down Clamp***

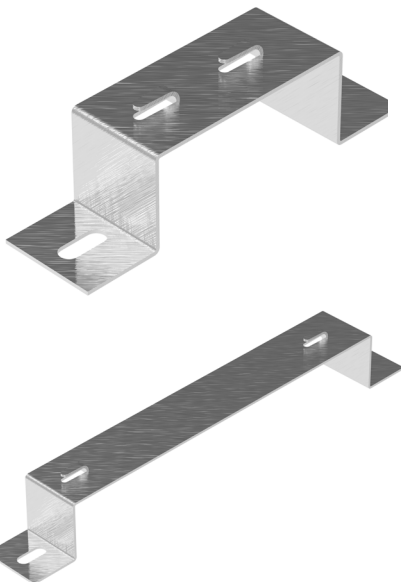
Wire basket hold down clamp. Uses a B-120 and N-120. Longer or shorter bolts can be used based on the application. Sold in packs of 50. Hardware sold separately.

Description	Catalog No.
Hold Down Clamp	<b>WB-HDC-VX-EZ-PK</b>
M6 X 20 mm Bolt	<b>B-120</b>
M6 Nut	<b>N-120</b>

***Vertical Side Hanger***

Side hanger allows support of wire basket trays with hanger rods without using trapeze hangers. For 8" wide and less only. Use with 1/4" hanger rods.

Description	Catalog No.
Vertical Side Hanger	<b>WB-VHC-VX-EZ</b>

***Floor Mounts For 2" - 24" Wide Tray***

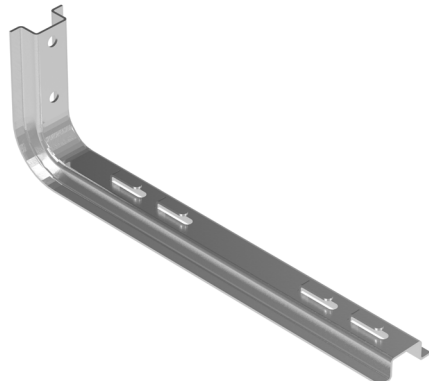
Tray floor mounts are used to fasten the wire basket tray while raising it 1.94" off the floor. Tray is secured by bending the smart tabs.

Description	Catalog No.
Floor Mount for 2" Wide Basket	<b>WB-RS-2-VX-EZ</b>
Floor Mount for 4" Wide Basket	<b>WB-RS-4-VX-EZ</b>
Floor Mount for 6" Wide Basket	<b>WB-RS-6-VX-EZ</b>
Floor Mount for 8" Wide Basket	<b>WB-RS-8-VX-EZ</b>
Floor Mount for 12" Wide Basket	<b>WB-RS-12-VX-EZ</b>
Floor Mount for 18" Wide Basket	<b>WB-RS-18-VX-EZ</b>
Floor Mount for 24" Wide Basket	<b>WB-RS-24-VX-EZ</b>

SUPPORT MATERIAL



2" WIDE BRACKETS



4" - 24" WIDE BRACKETS

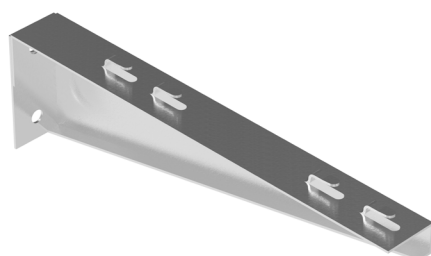
***"L" Style Wall Bracket***

Wall brackets are used to support trays running along walls. For 4" - 24" wide basket tray. Tray is secured by bending the smart tabs. For 2" wide trays a "L" Bracket is supplied for use with a special bracket required to mount the tray.

Description	Catalog No.
2" Wall Bracket	<b>WBSWLB-2-VX-EZ</b>
4" Wall Bracket	<b>WBSWLB-4-VX-EZ</b>
6" Wall Bracket (For 2" High)	<b>WBSWLB-6-H2-VX-EZ</b>
6" Wall Bracket (For 4" High)	<b>WBSWLB-6-H4-VX-EZ</b>
8" Wall Bracket	<b>WBSWLB-8-VX-EZ</b>
12" Wall Bracket	<b>WBSWLB-12-VX-EZ</b>
18" Wall Bracket	<b>WBSWLB-18-VX-EZ</b>
24" Wall Bracket	<b>WBSWLB-24-VX-EZ</b>



2" WIDE BRACKETS



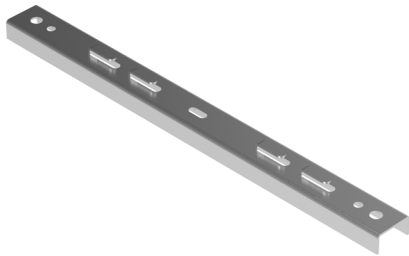
4" - 24" WIDE BRACKETS

***Shelf Style Wall Bracket***

Shelf brackets are used to support trays running along walls. For 4" - 24" wide basket tray. Tray is secured by bending the smart tab. For 2" wide trays a wall bracket is supplied for use with a special bracket required to mount the tray.

Description	Catalog No.
2" Shelf Bracket	<b>WBSVBK-2-VX-EZ</b>
4" Shelf Bracket	<b>WBSVBK-4-VX-EZ</b>
6" Shelf Bracket (For 2" High)	<b>WBSVBK-6-H2-VX-EZ</b>
6" Shelf Bracket (For 4" High)	<b>WBSVBK-6-H4-VX-EZ</b>
8" Shelf Bracket	<b>WBSVBK-8-VX-EZ</b>
12" Shelf Bracket	<b>WBSVBK-12-VX-EZ</b>
18" Shelf Bracket	<b>WBSVBK-18-VX-EZ</b>
24" Shelf Bracket	<b>WBSVBK-24-VX-EZ</b>

## SUPPORT MATERIAL

**2" WIDE TRAPEZE****4" - 24" WIDE TRAPEZE*****Trapeze Support Bracket for 2" - 24" Wide Tray***

Trapeze supports are used to support cable trays with hanger rods on both sides of the tray. The 12", 18" & 24" wide brackets can also be center hung by one 1/4" hanger rod in the middle. Bracket can be used with 1/4" or 3/8" hanger rods. Once tray is placed on the support the smart tabs are bent to secure the tray. For 2" wide trays a trapeze bar is supplied for use with a special bracket required to mount the tray.

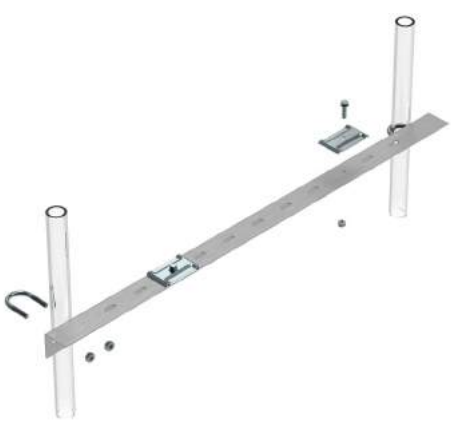
Description	Catalog No.
2" Wide Trapeze Bracket	<b>WBSUS-2-VX-EZ</b>
4" Wide Trapeze Bracket	<b>WBSUS-4-VX-EZ</b>
6" Wide Trapeze Bracket (For 2" High)	<b>WBSUS-6-H2-VX-EZ</b>
6" Wide Trapeze Bracket (For 4" High)	<b>WBSUS-6-H4-VX-EZ</b>
8" Wide Trapeze Bracket	<b>WBSUS-8-VX-EZ</b>
12" Wide Trapeze Bracket	<b>WBSUS-12-VX-EZ</b>
18" Wide Trapeze Bracket	<b>WBSUS-18-VX-EZ</b>
24" Wide Trapeze Bracket	<b>WBSUS-24-VX-EZ</b>

***Channel Hanger For 2" X 2" Wire Tray***

Allows the use of a single hanger rod to hang 2" X 2" Wire Basket. Tray is secured by bending the smart tabs. Use with up to 3/8" diameter hanger rods.

Description	Catalog No.
Hanger for 2" Wide Basket	<b>WB-CH-2X2-VX-EZ</b>

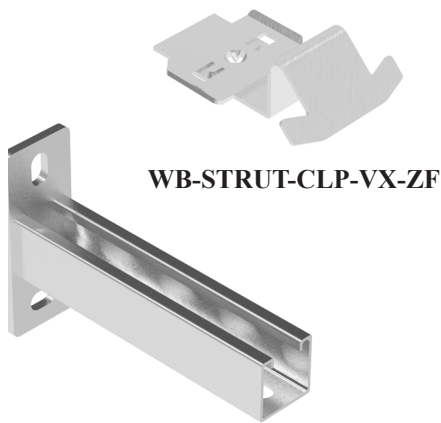
SUPPORT MATERIAL



***Under Floor Support Assembly***  
 Cable tray support assembly used to span between two raised floor support posts spaced on 24" centers. Designed for 3/4" to 1" diameter posts and will support all widths up to 18" wide. Brackets allow vertical adjustment on posts.

***Includes: (1) WB-UFR-BAR-VX-PG SUPPORT BAR  
 (2) WB-HDC-VX-EZ HOLD DOWN CLAMPS  
 (2) B-100-U  
 (2) B-120 BOLTS  
 (2) N-120 NUTS***

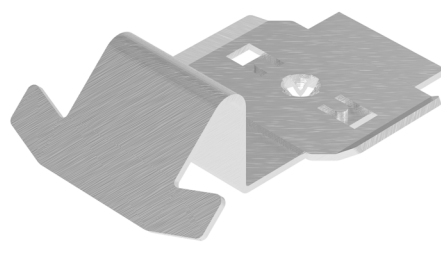
Description	Catalog No.
Under Floor Support	<b>WB-UFR-VX</b>



***End Wall Mount***  
 End wall mount brackets are used to support the end of the basket at the wall. Wider trays may require two brackets depending on the load and span. One size fits all widths.

***Includes: (1) WB-WALL-MOUNT-VX-EZ  
 (2) WB-STRUT-CLP-VX-ZF***

Description	Catalog No.
End Wall Mount	<b>WB-WALL-MOUNT-VX-EZ</b>

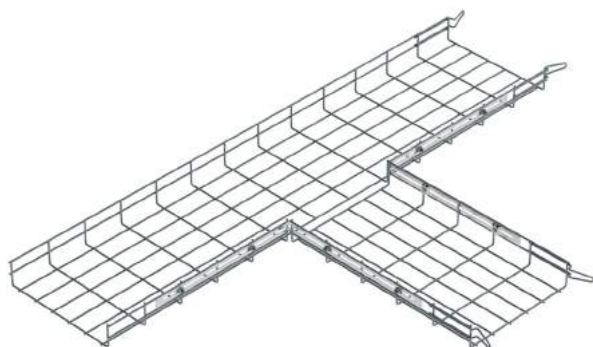
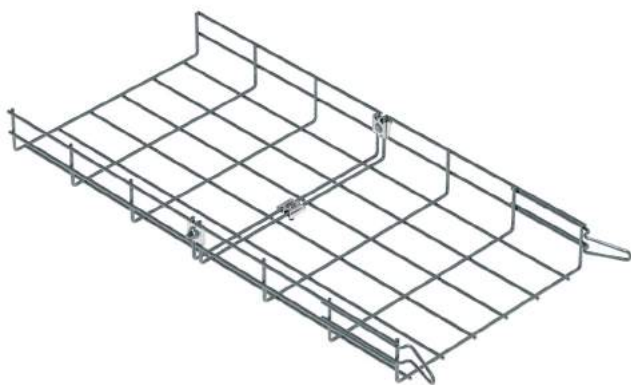


***Clip Mount For Strut***  
 This clip is used to secure a wire basket to a piece of strut. These clips have a tee shaped end that is inserted down into the strut, turned crosswise and pushed down over a basket wire, then pushed down and locked in place with a turn of a screwdriver. These eliminate the need for hold down clamps and mounting hardware.

Description	Catalog No.
Clip Mount to Strut	<b>WB-STRUT-CLP-VX-ZF</b>







# WIRE BASKET DETAILS

*Tested In Accordance  
With NEMA VE-1*

*Classified By UL As An Equipment  
Grounding Conductor*

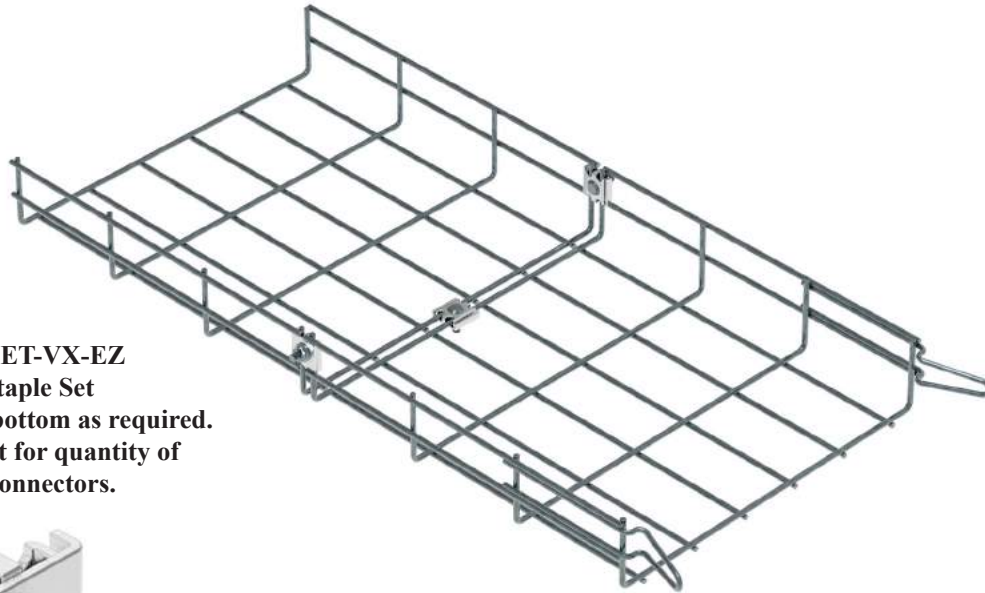
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Shelf Style Wall Brackets	41
"L" Style Wall Brackets	42
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**mp husky**

DETAILS

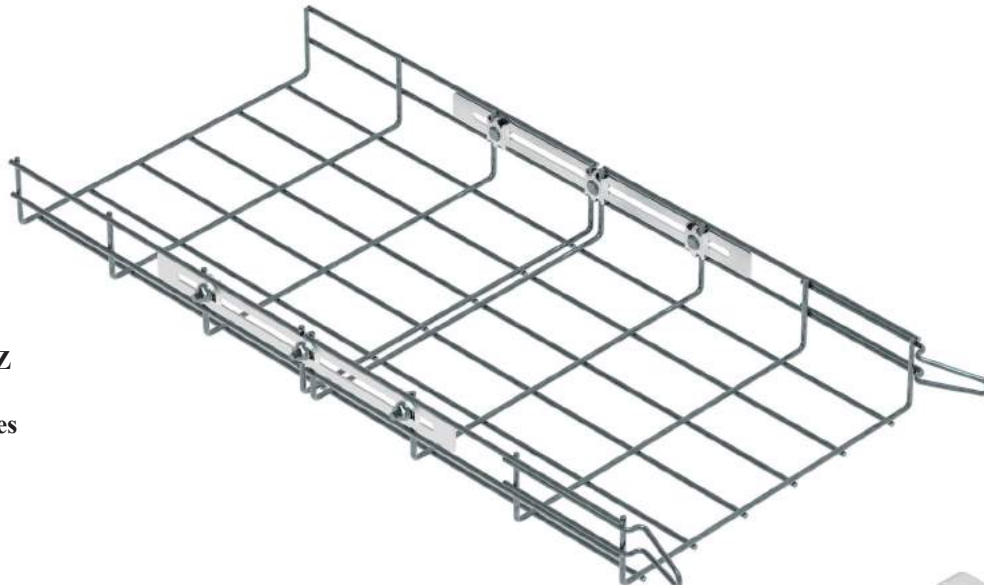
**Detail A: WB-SC-SET-VX-EZ, Staple Style Splice with Bottom Staple**

**WB-SC-SET-VX-EZ**  
**Bolt Staple Set**  
 Used on sides & bottom as required.  
 See Load chart for quantity of  
 bottom connectors.



**Detail B: WB-LU-VX-EZ, Bar Style Splice**

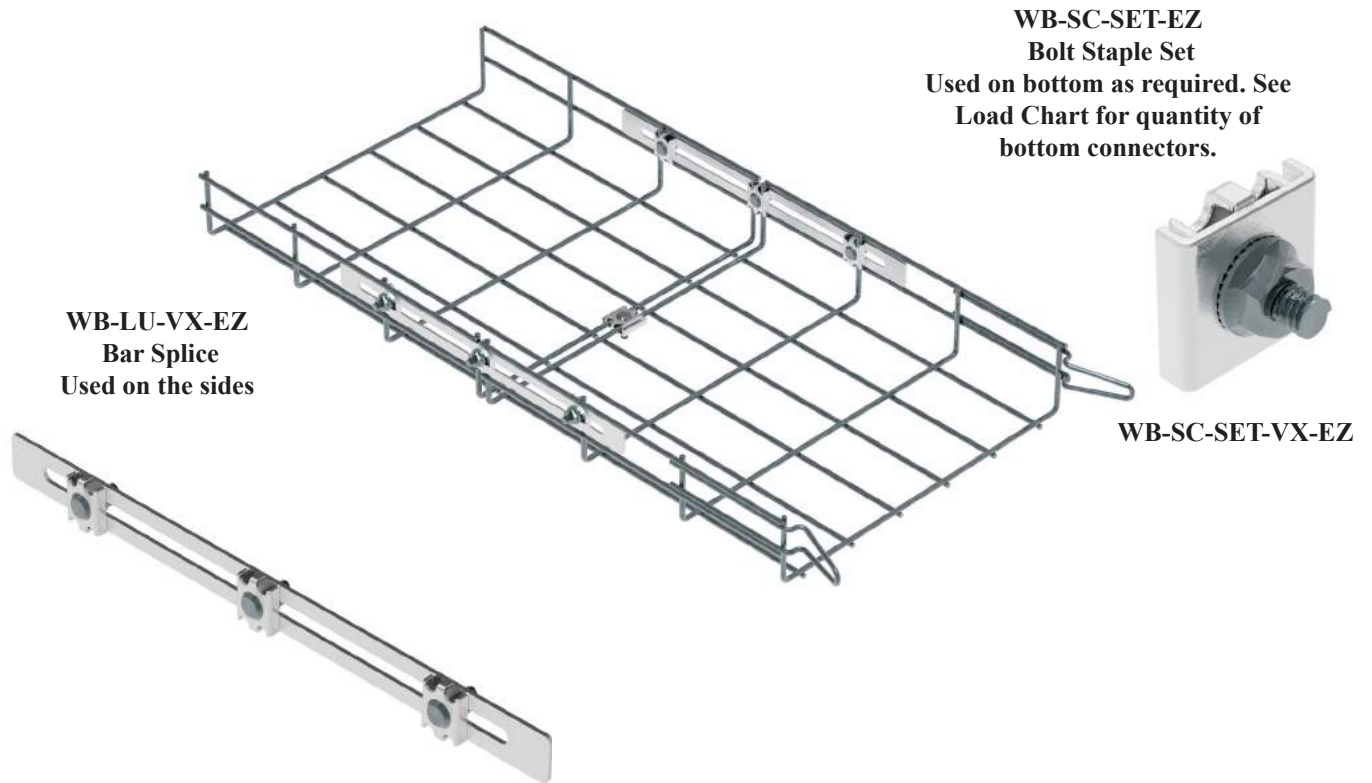
**WB-LU-VX-EZ**  
**Bar Splice**  
 Used on the sides



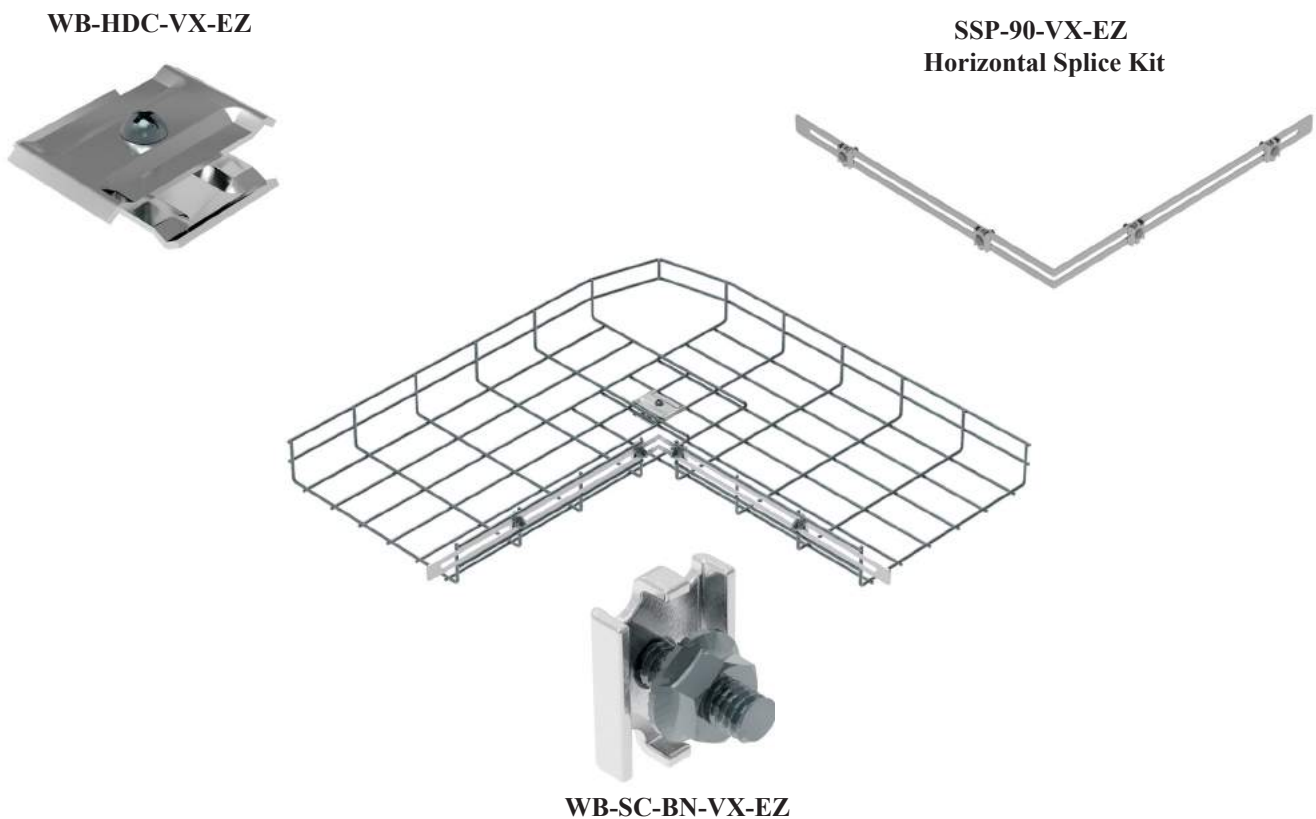
**WB-SC-BN-VX-EZ**

**DETAILS**

**Detail C: WB-LU-VX-EZ, Bar Type Splice with Bottom Staple**



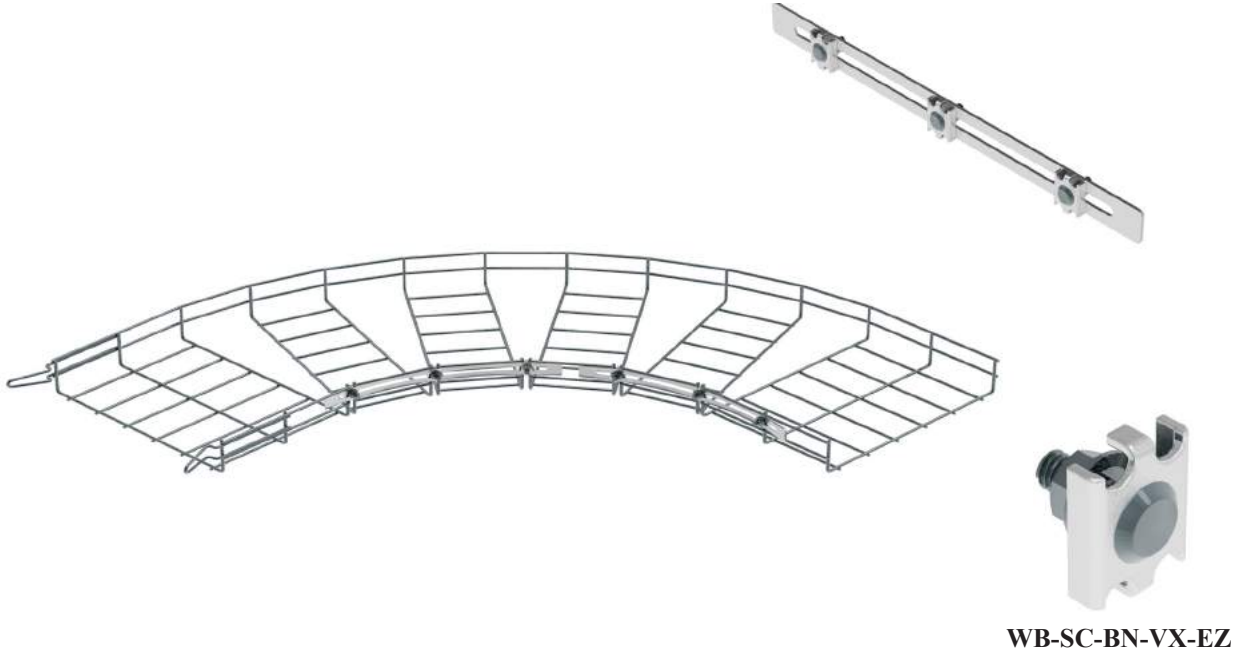
**Detail D: Horizontal 90° Bend (Short Sweep)**



DETAILS

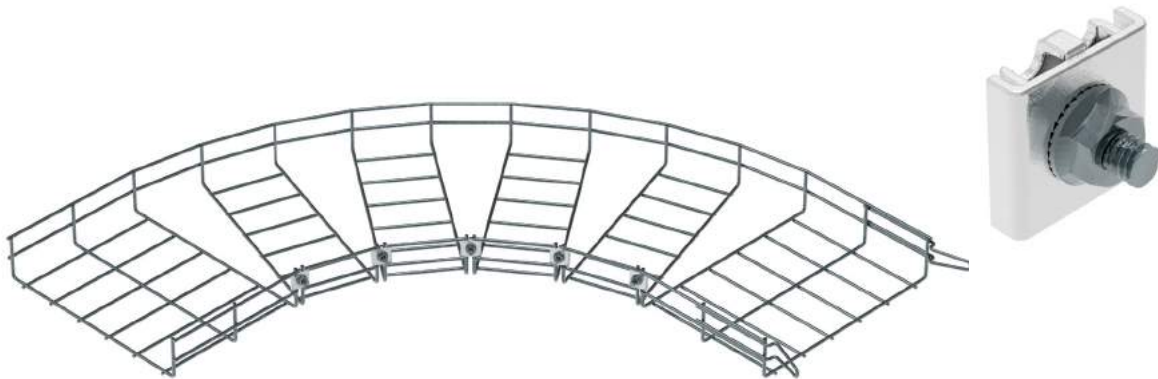
**Detail E: Horizontal 90° Bend (Long Sweep)**

**WB-90-VX-K**  
Horizontal Splice Kit



**Detail F: Horizontal 90° Bend (Long Sweep)**

**90° Bend with**  
**WB-SC-SET-VX-EZ Splices**



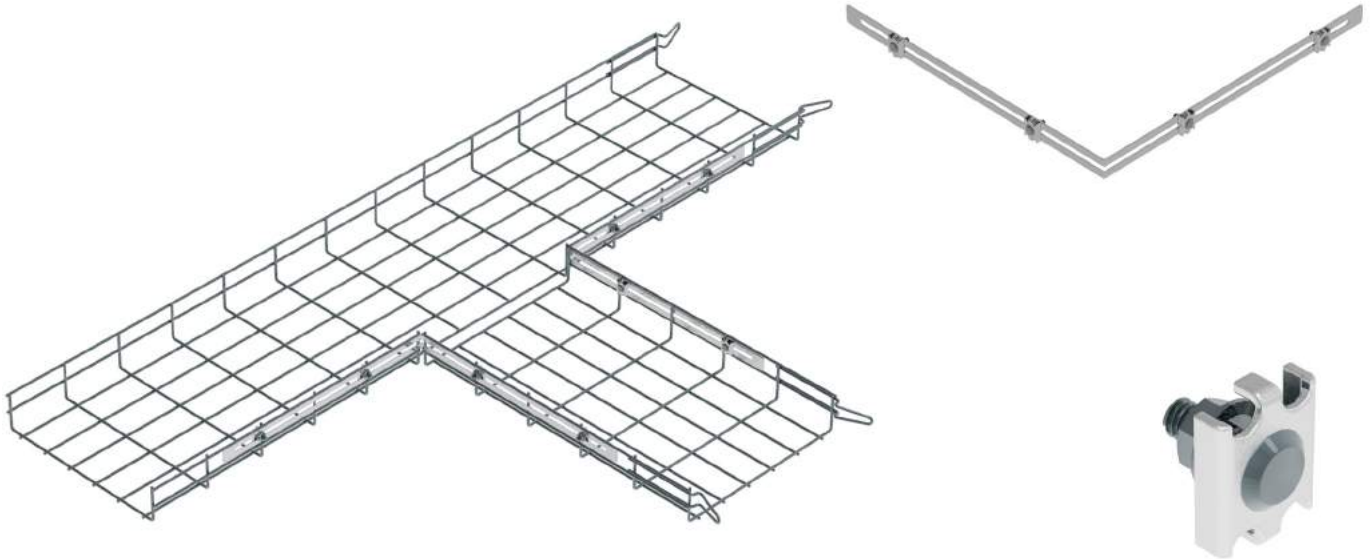
**Note:** Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.



DETAILS

Detail G: WB-TEE-VX-K, Tee Splice

(1) WB-TEE-VX-K  
Tee Splice Kit

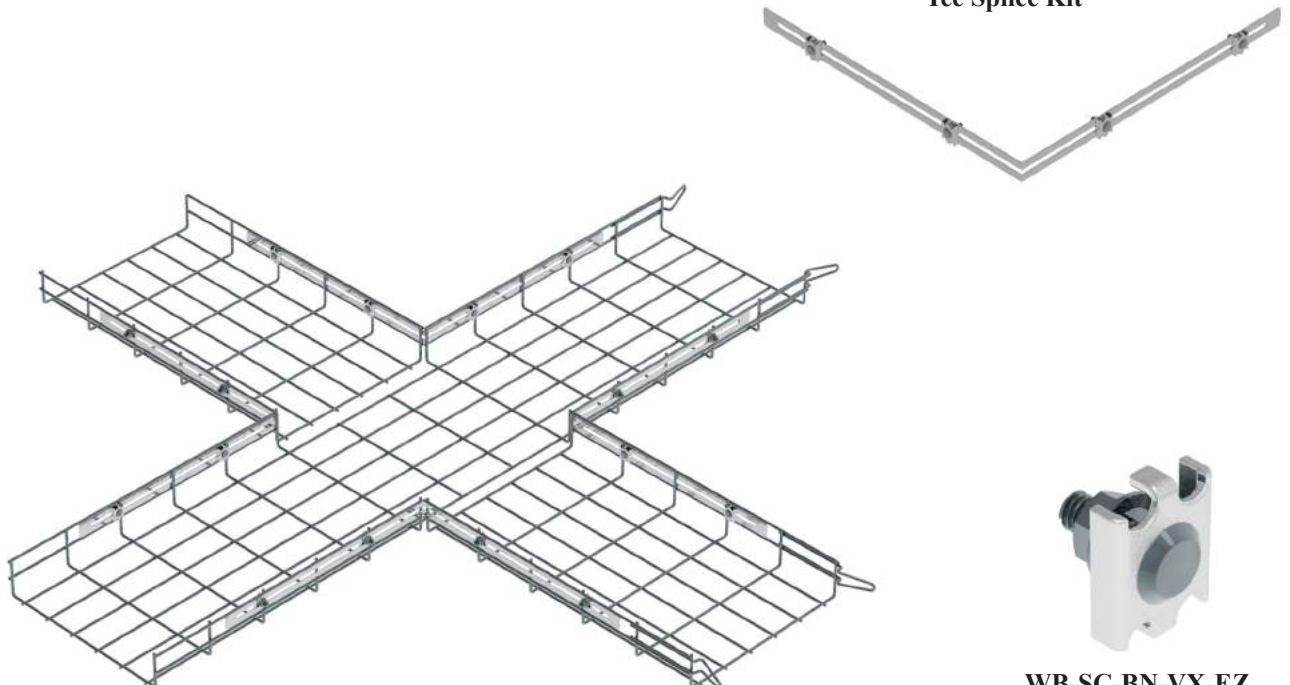


WB-SC-BN-VX-EZ

**NOTE:** A Cross would require two  
WB-TEE-VX-K, Tee Splice Kits

Detail H: WB-TEE-VX-K, Cross Splice

(2) WB-TEE-VX-K  
Tee Splice Kit



WB-SC-BN-VX-EZ

**Note:** Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.

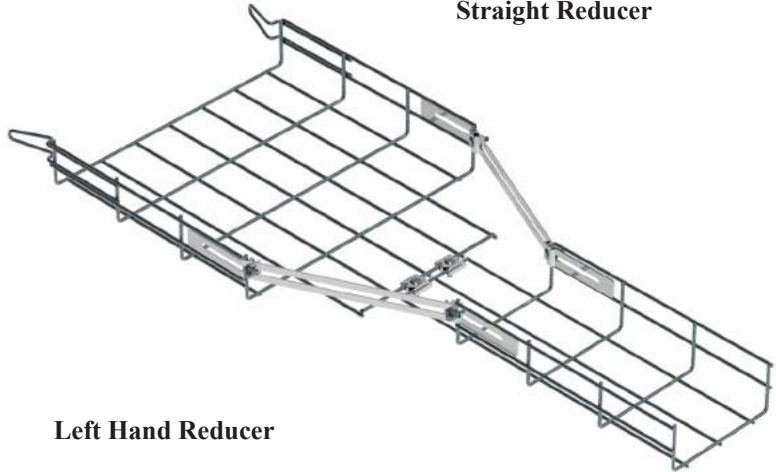
DETAILS

Detail I: Reducers

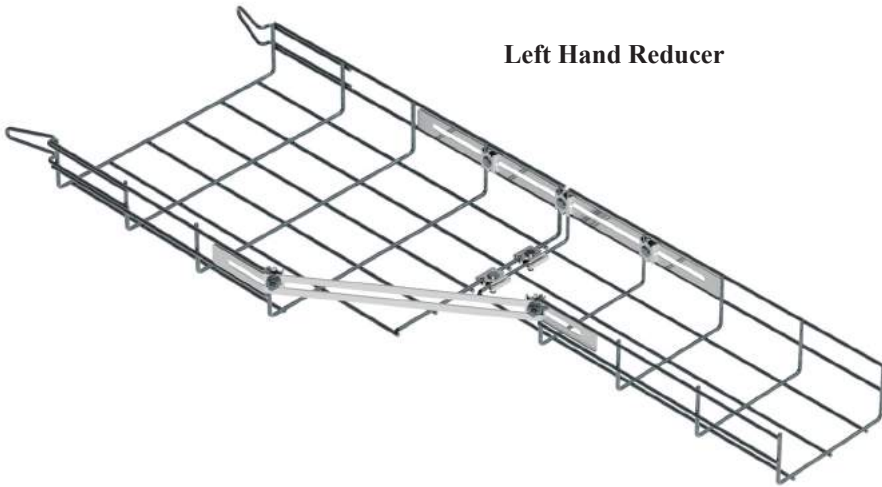
WB-SC-SET-VX-EZ, Splices  
used on the bottom



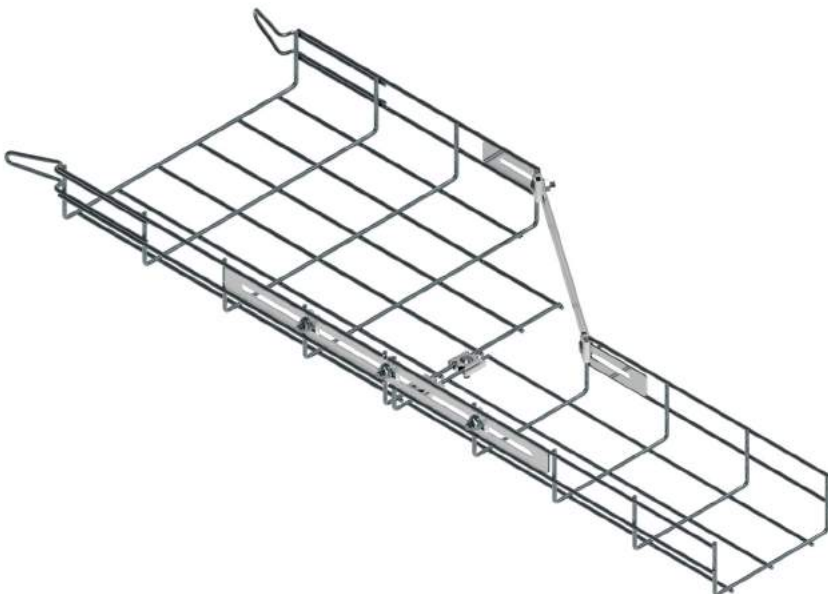
Straight Reducer



Left Hand Reducer



Right Hand Reducer



SSP-90-VX-EZ, Bar Splice  
used on the sides is field bent  
to form the reducer

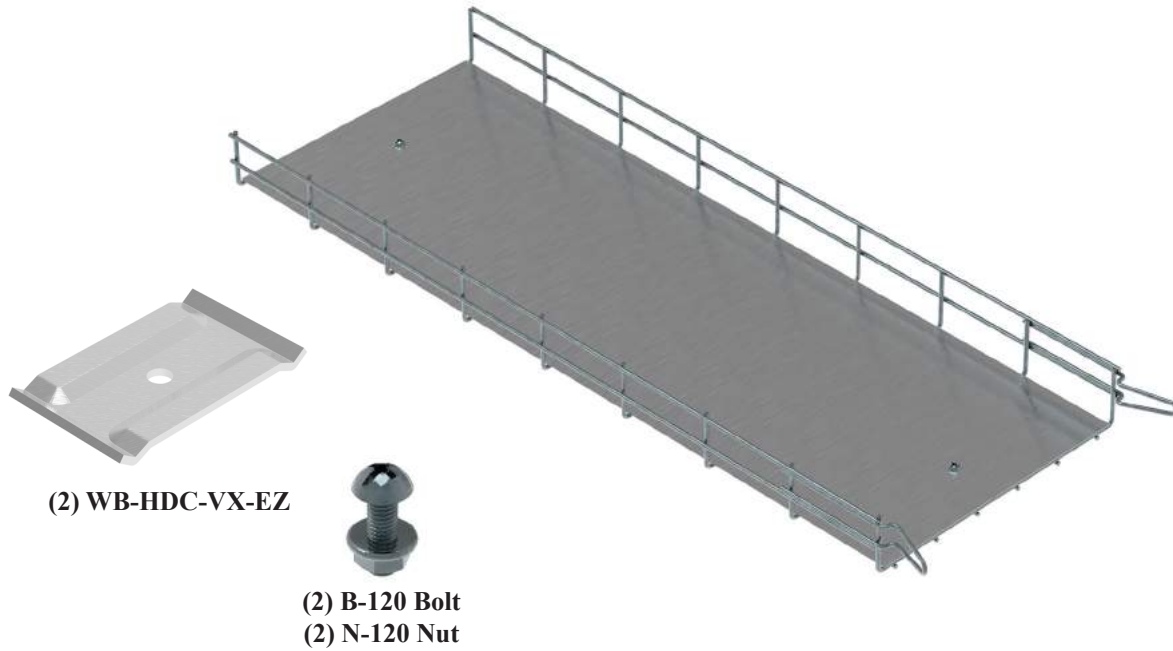


WB-SC-BN-VX-EZ

Note: Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.

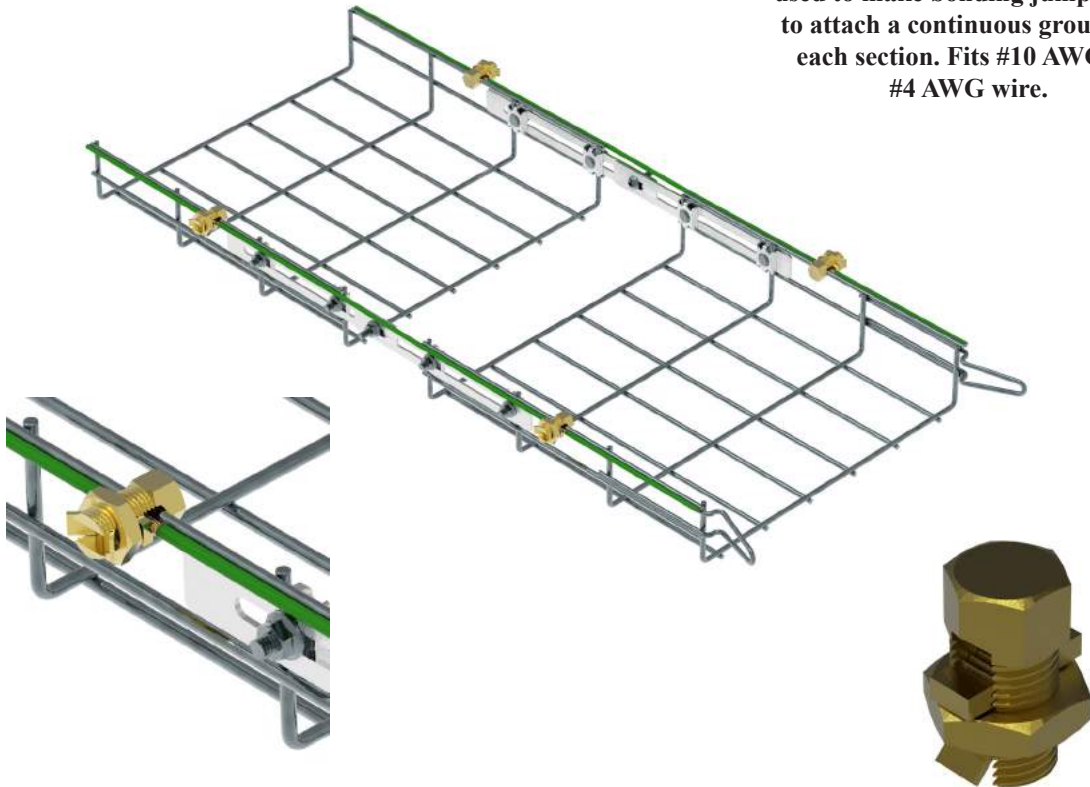
DETAILS

Detail J: Solid Bottom Inserts



Detail K: Grounding

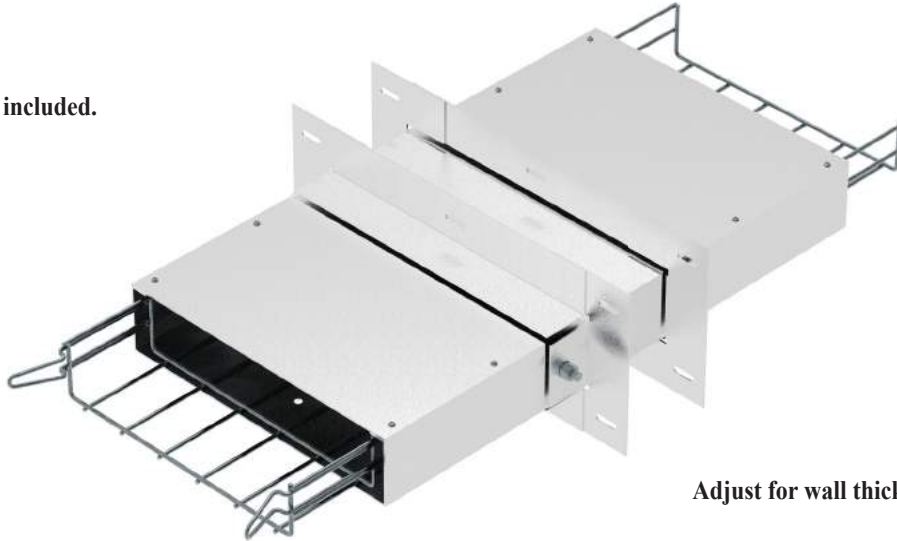
WB-GC-6-VX Ground Clamp can be used to make bonding jumpers or to attach a continuous ground to each section. Fits #10 AWG to #4 AWG wire.



DETAILS

Detail L: Wall Penetration Sleeves

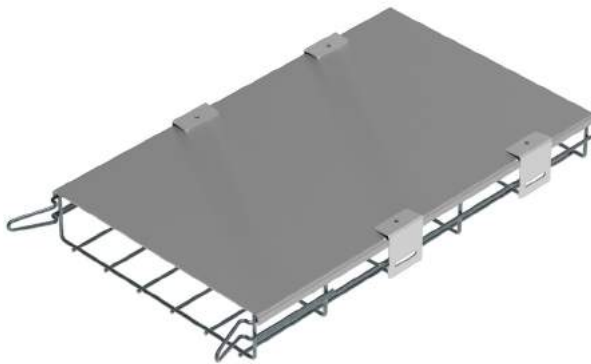
Wire Basket not included.



Adjust for wall thickness

Detail M: Covers

Bend Smart Tabs  
to secure the tray



Horizontal Cover  
application



Vertical Cover  
application



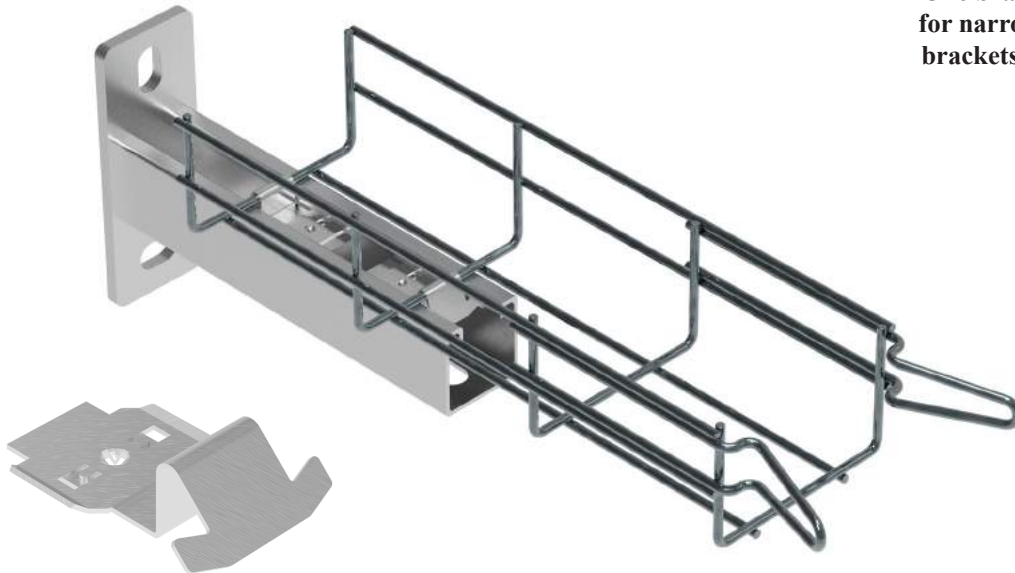
Cover Clip with  
Smart Tab

Recommended Minimum Quantity  
4 pcs Horizontal Runs  
6 pcs Vertical Runs



**DETAILS**

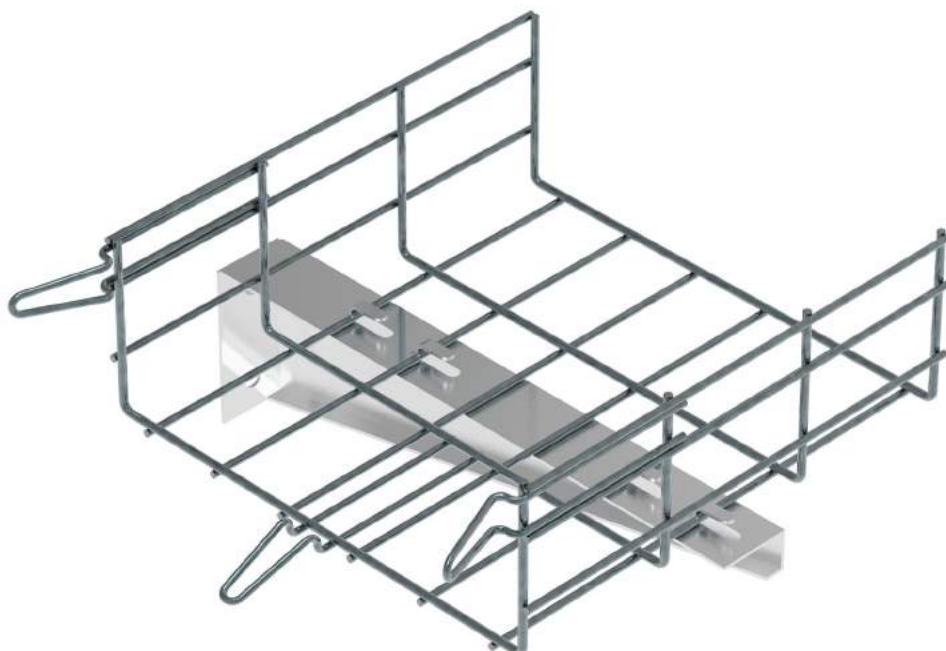
**Detail N: End Wall Support**



One bracket can be used for narrow trays and two brackets for wider trays.

**WB-STRUT-CLP-VX-ZF**

**Detail O: Shelf Style Wall Brackets**

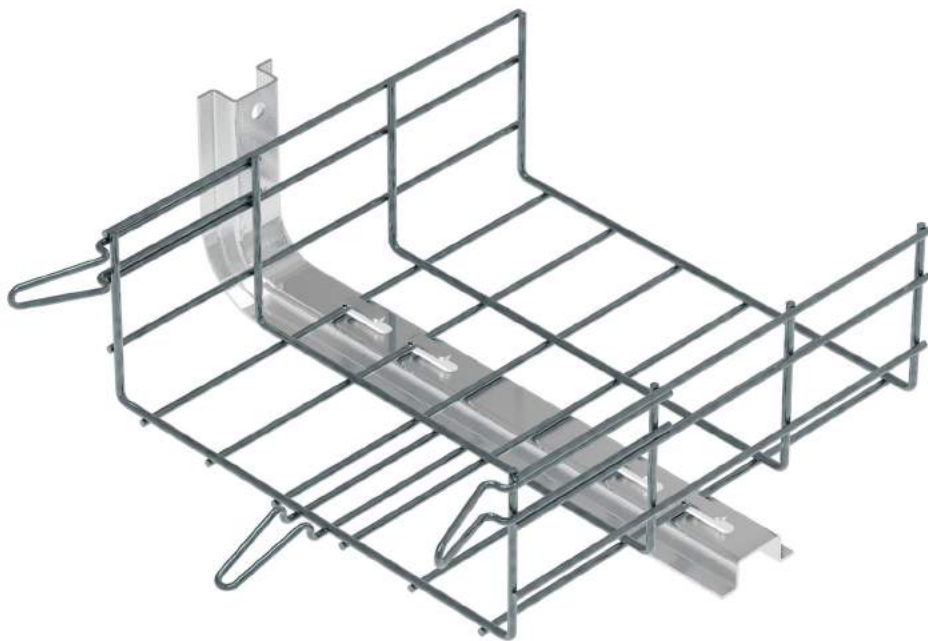


Bend Smart Tabs to secure the tray

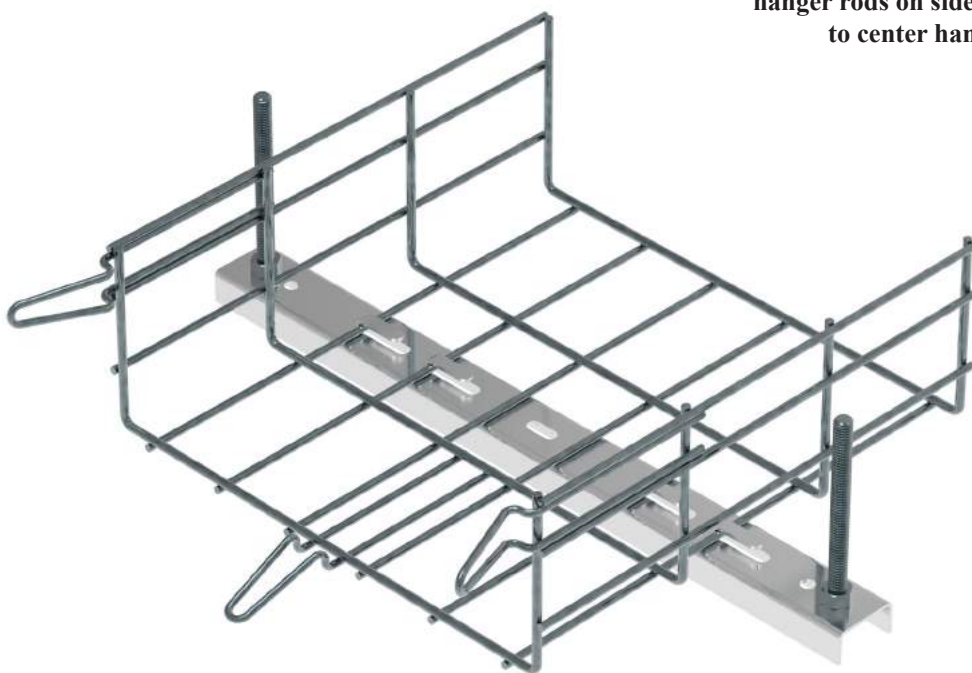
## DETAILS

**Detail P: "L" Style Wall Bracket**

**Bend Smart Tabs  
to secure the tray**

**Detail Q: Trapeze Support**

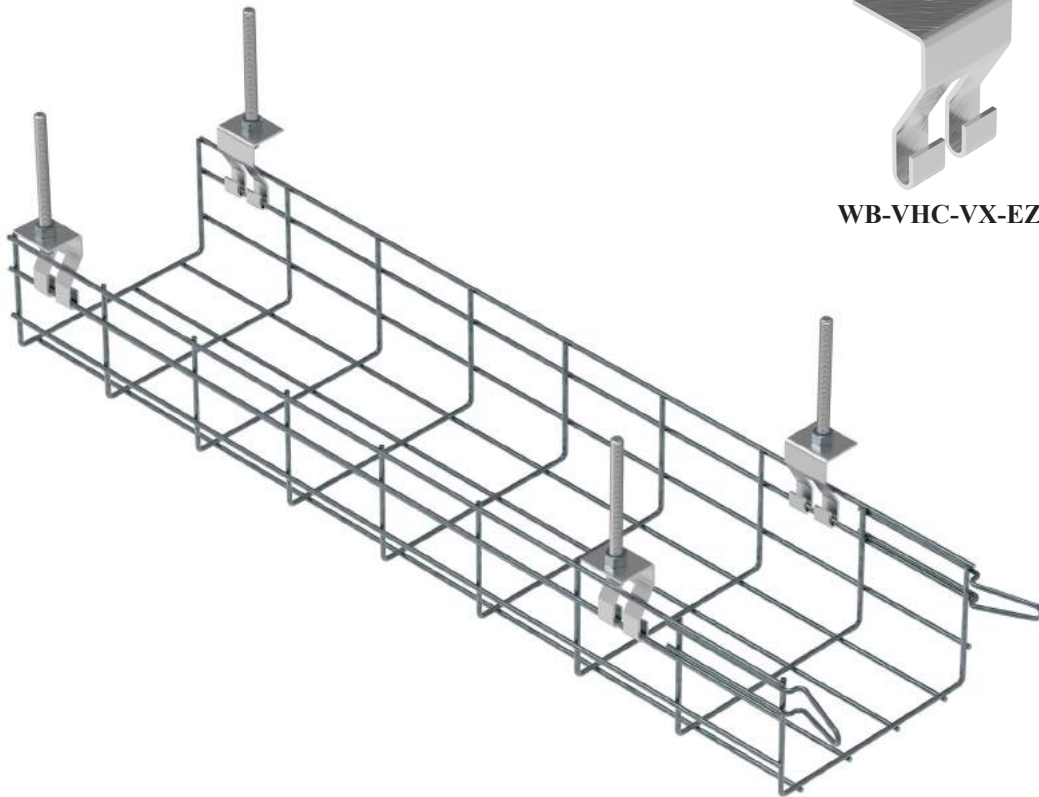
**Bend Smart Tabs to secure  
the tray. Use 1/4" to 3/8"  
hanger rods on sides or 1/4"  
to center hang.**



DETAILS

Detail R: Hanger Clip Support

Use Hanger Clips with 1/4" hanger rods to hang basket trays 8" wide or less.



WB-VHC-VX-EZ



# WIRE BASKET ASSEMBLY INSTRUCTIONS

*Tested In Accordance  
With NEMA VE-1*

*Classified By UL As An Equipment  
Grounding Conductor*

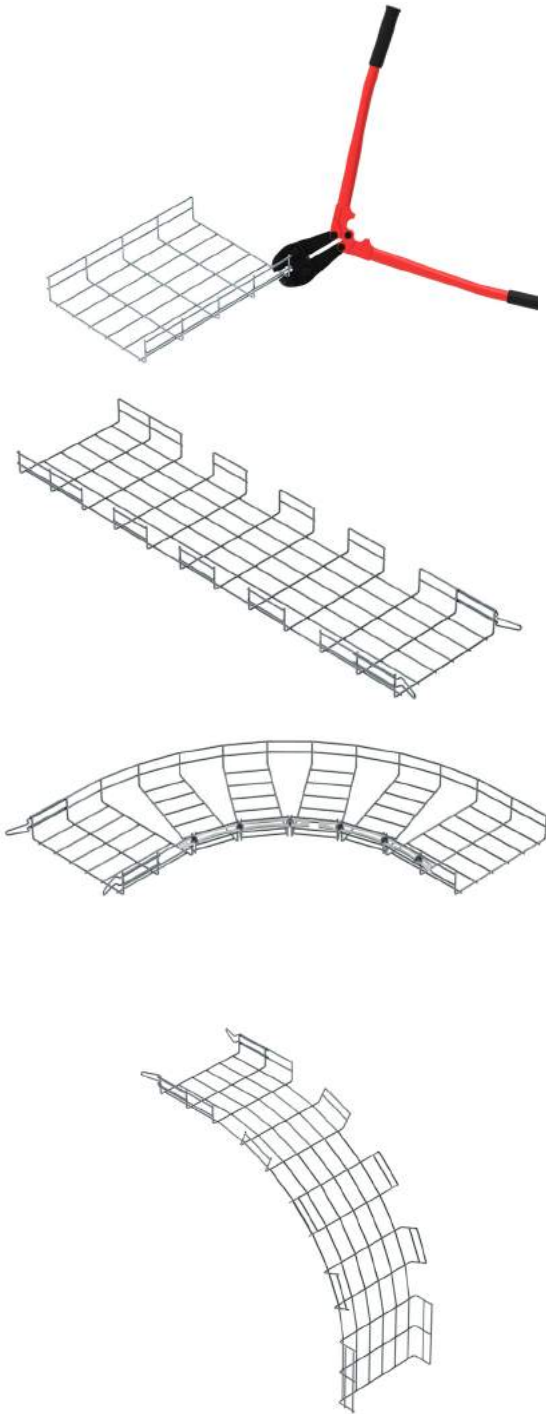


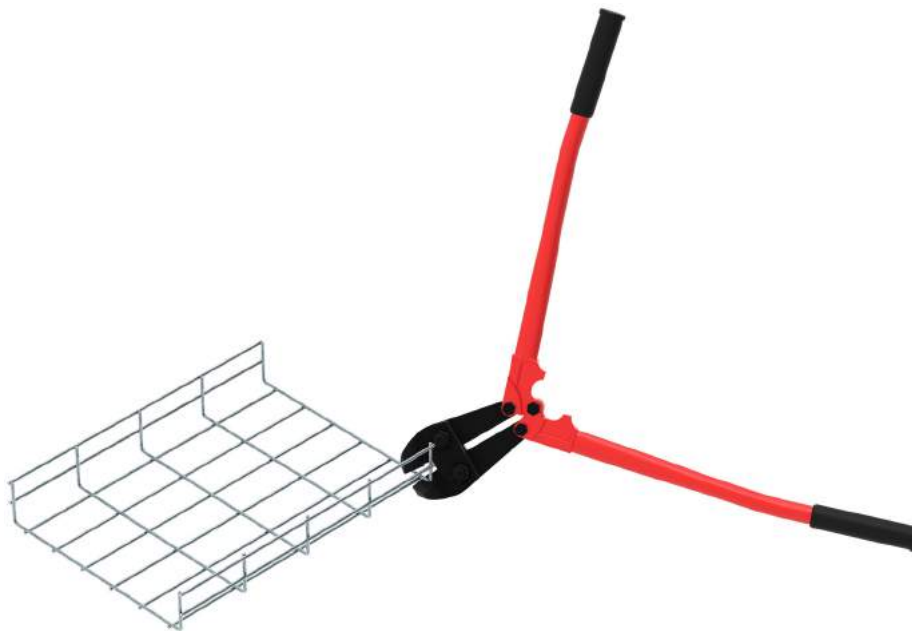
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Making Vertical Offsets	50
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Making Reducers	53

**mp husky**

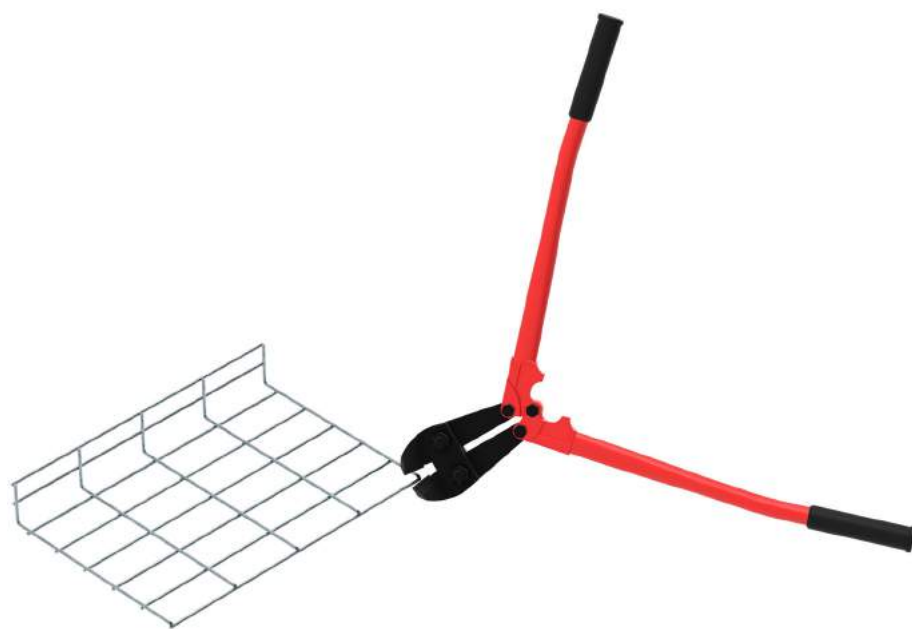
## ASSEMBLY INSTRUCTIONS

## Assembly Detail A: Wire Cutting

Wire basket is cut as necessary using offset jaw cutters at an angle to prevent sharp edges that could be harmful to personnel or cables. The cutter should have handles that are at least 17" to 18" long. We offer the "WBCT" which is the proper tool for cutting wire basket.



Basket Before Cutting



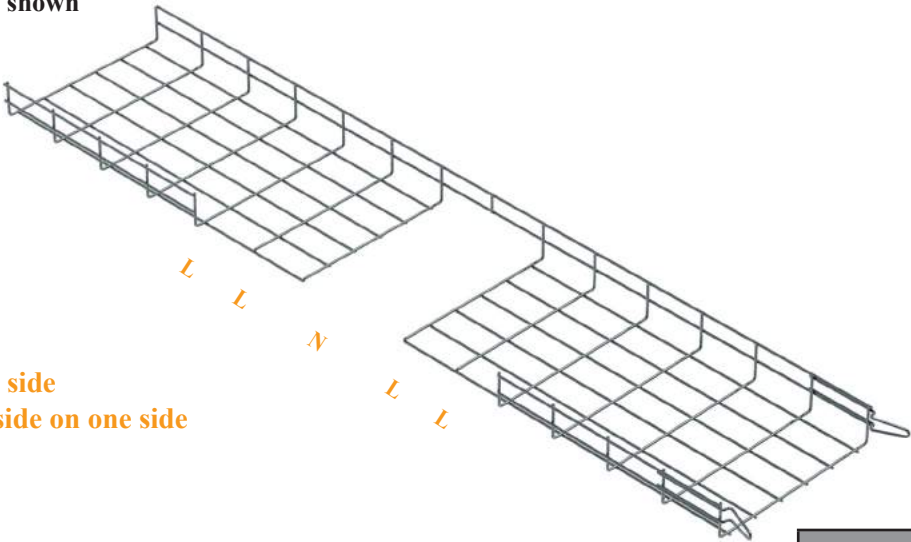
Basket After Cutting



ASSEMBLY INSTRUCTIONS

Assembly Detail B: Making Short Sweep 90° Bends

Make these cut outs then bend as shown to form the 90° bend shown



L = Cut out side on one side  
N = Cut out bottom & side on one side

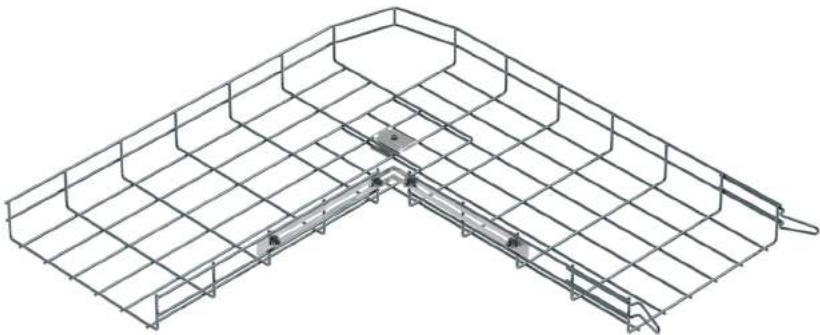
Place the SSP-90-VX-EZ in the inside corner and connect the two pieces together. Next place one WB-HDC-VX-EZ hold down on top and another on the bottom and bolt together with the nut and bolt.

Basket After Cutting

Width (in)	N (cuts)	L (cuts)
2"	-	1
4"	1	1+1
6"	1	1+1
8"	2	2+2
12"	2	2+2
18"	2	3+3
24"	2	5+5



WB-SC-BN-VX-EZ



WB-HDC-VX-EZ  
B-120 BOLT & N-120 NUT

Basket After Assembly



SSP-90-VX-EZ

Note: Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.

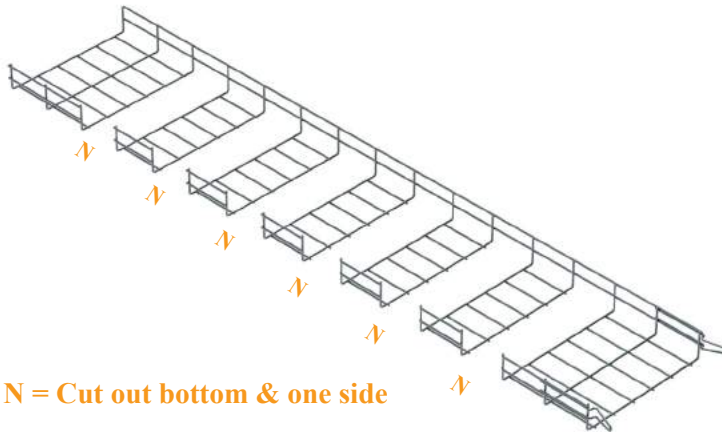
## ASSEMBLY INSTRUCTIONS

### Assembly Detail C: Making 90° Long Sweep Horizontal Bends

Make these cut outs then bend as shown to the desired angle. Fasten the segments together with one of the splice connectors as shown.



90° Bend with WB-SC-SET-VX-EZ Splices



N = Cut out bottom & one side

Width (in)	N (cuts)
2"	2
4"	2
6"	4
8"	4
12"	6
18"	9
24"	11



WB-SC-BN-VX-EZ

Bars must be bent to radius in the field

90° Bend with WB-90-VX-K Splices

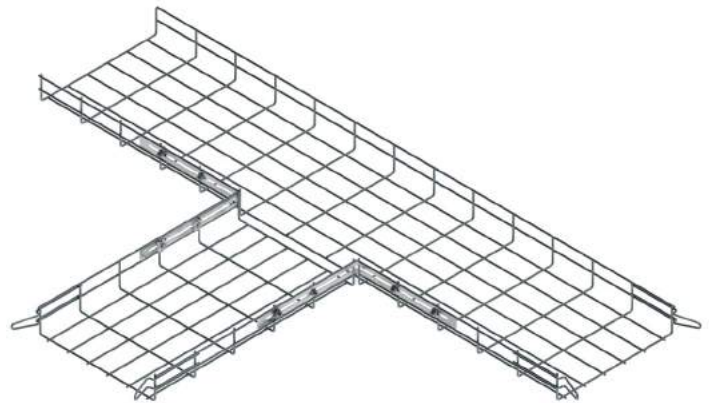
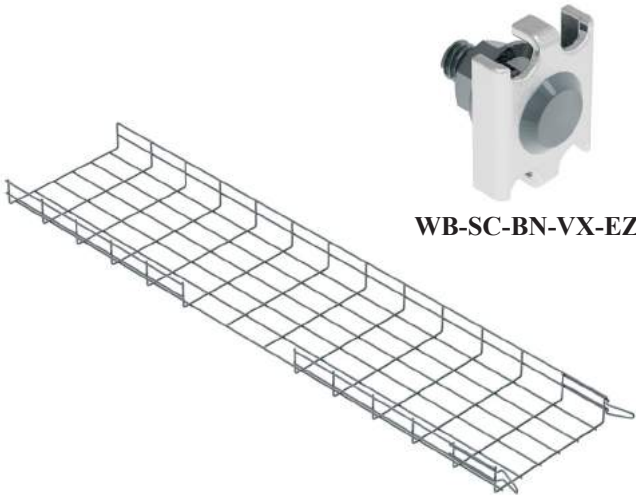
**Note:** Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.



**ASSEMBLY INSTRUCTIONS**

**Assembly Detail D: Making a Square Horizontal Tee**

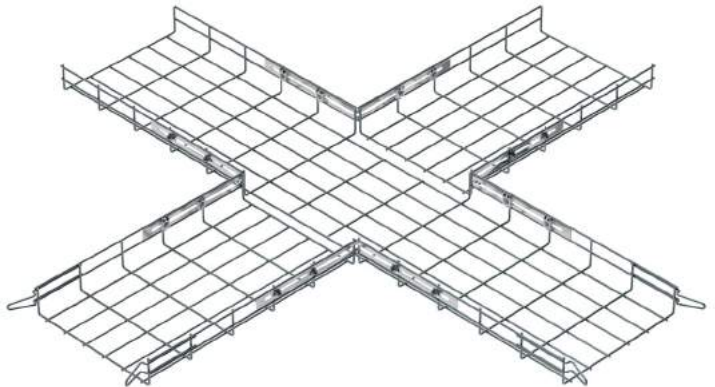
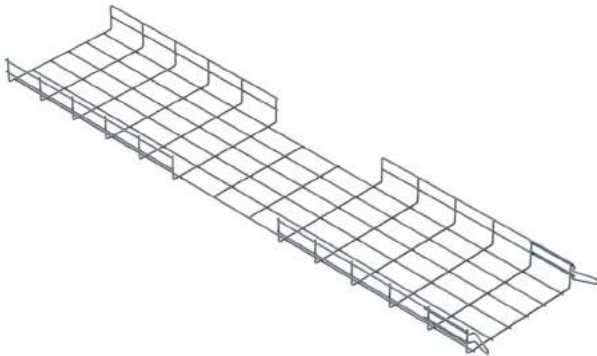
Make these cut outs  
then fasten the two  
pieces together as shown



(2) WB-TEE-VX-K, Tee Splices

**Assembly Detail E: Making a Square Horizontal Cross**

Make these cut outs,  
then assemble as shown.



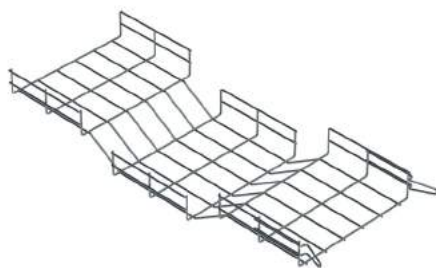
(4) WB-TEE-VX-K, Tee Splices

**Note:** Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.

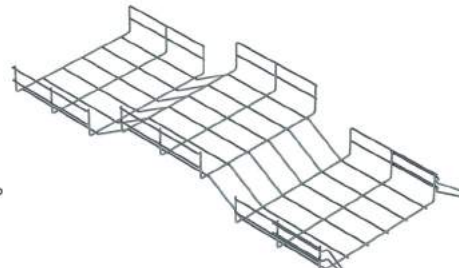
## ASSEMBLY INSTRUCTIONS

## Assembly Detail F: Vertical Offsets

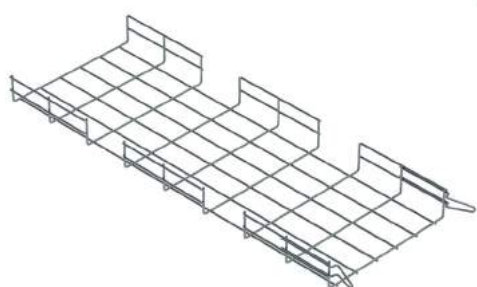
Make these cut outs  
then bend as shown to  
the desired angle.



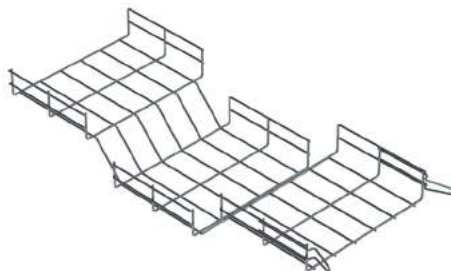
Vertical 30° Offset Down



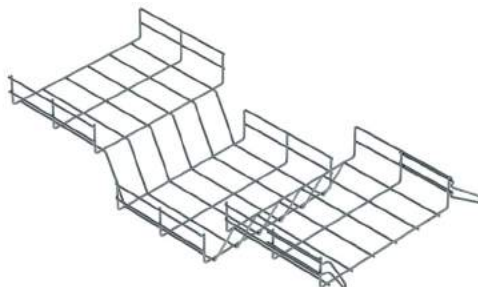
Vertical 30° Offset Up



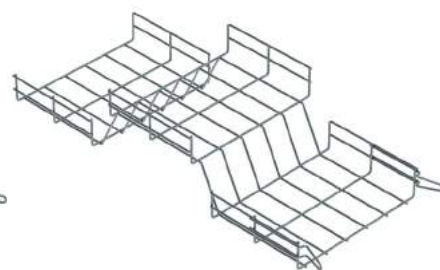
Vertical 45° Offset Down



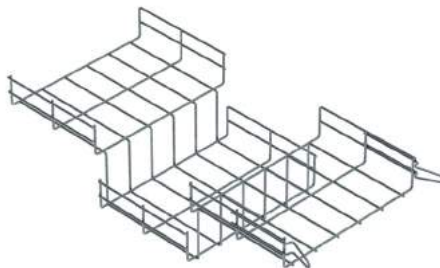
Vertical 45° Offset Up



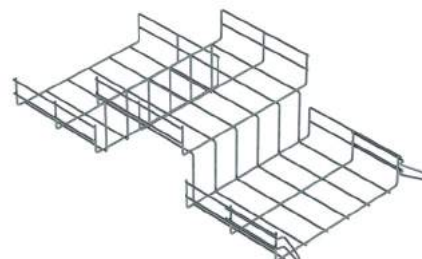
Vertical 60° Offset Down



Vertical 60° Offset Up



Vertical 90° Offset Down



Vertical 90° Offset Up

**Note:** Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.

## ASSEMBLY INSTRUCTIONS

Make these cut outs  
then bend as shown to  
the desired angle.

### Assembly Detail G: Vertical Bends



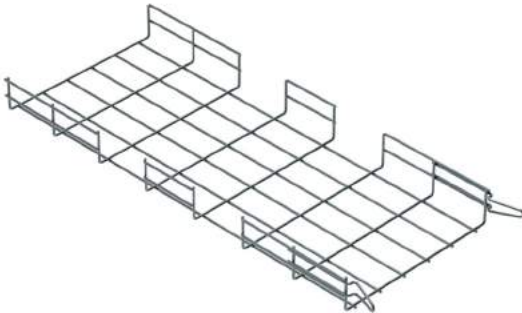
Short Radius 90° Bend



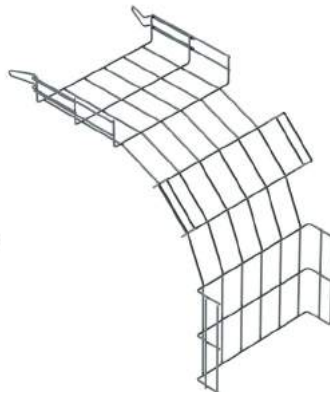
Vertical 90° Offset Down



Vertical 90° Offset Up



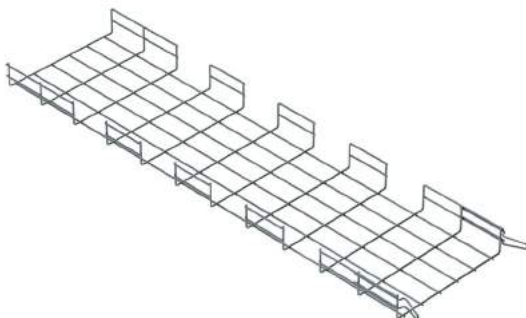
Medium Radius 90° Bend



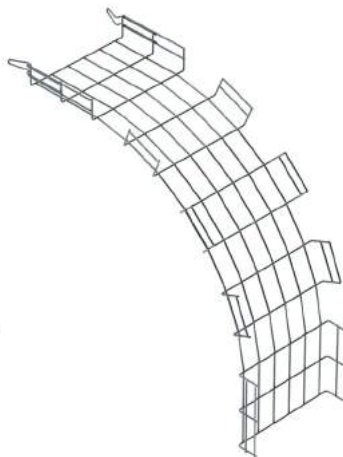
Vertical 90° Offset Down



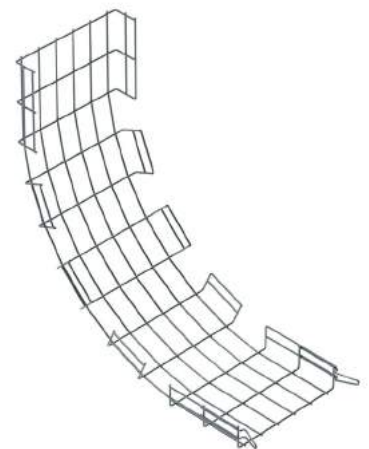
Vertical 90° Offset Up



Long Radius 90° Bend



Vertical 90° Offset Down



Vertical 90° Offset Up

**Note:** Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.

## ASSEMBLY INSTRUCTIONS

Connect Straight lengths with  
Vertical Hinges and Rotate to any  
desired angle. Common Angles Shown

## Assembly Detail H: Vertical Hinges



Vertical Hinge 30° Up



Vertical Hinge 15° Down



Vertical Hinge 45° Up

SFS-VWB-VX-EZ  
Vertical Hinges

Vertical Hinge 30° Down



Vertical Hinge 90° Up

Vertical Hinges require  
bonding jumpers on both  
sides of the tray or a  
continuous ground wire



Vertical Hinge 60° Down

**Note:** Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.



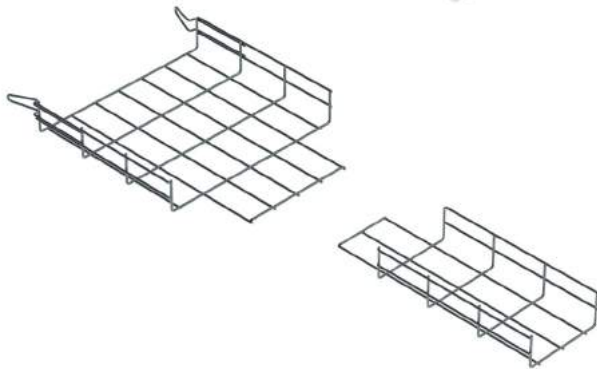
**ASSEMBLY INSTRUCTIONS**

**Make these cut outs  
then assemble the Reducer**

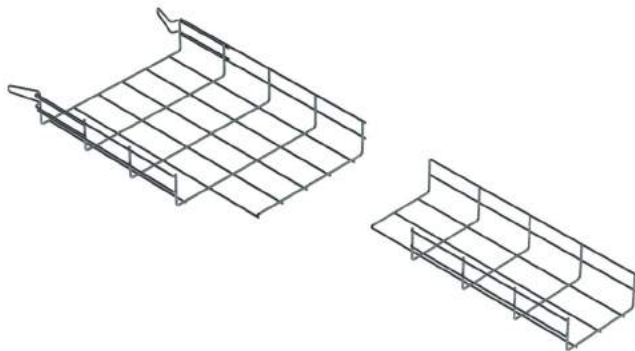
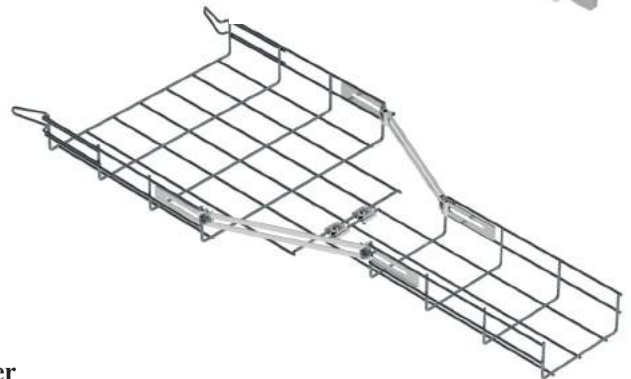
**WB-SC-SET-VX-EZ, Splices  
used on the bottom**

**Assembly Detail I: Reducers**

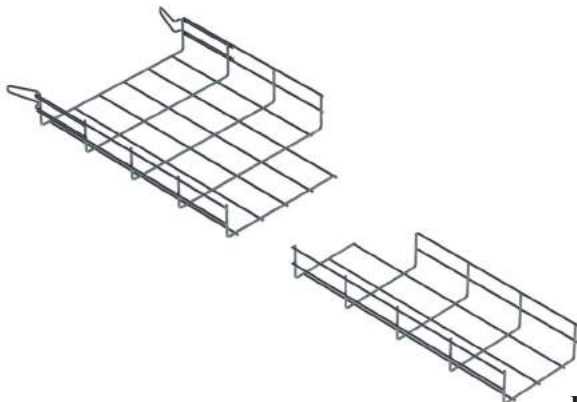
**WB-LU-VX-EZ, Bar Splice  
used on the sides requires  
bending in the field to shape**



**Straight Reducer**



**Left Hand Reducer**



**Right Hand Reducer**

**Note: Bonding jumpers or a continuous ground wire need to be used whenever wires are cut.**



# WIRE BASKET SPECIFICATION

*Tested In Accordance  
With NEMA VE-1*

*Classified By UL As An Equipment  
Grounding Conductor*

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**mp**husky

## SPECIFICATION

**1.0 Specification for Wire Mesh Cable Support Systems****2.0** Manufacturer: MP Husky**3.0** Product Description: The MP Husky wire mesh system is offered in 2", 4" and 6" depths. Wire basket cable tray is formed from high strength steel wire mesh. The mesh is fabricated using a 2" x 4" pattern welded at all intersections.

3.1 Sections are formed and shall have electroplated zinc finish.

3.2 Straight sections shall be supplied in 118-1/8" (3m) length.

3.3 Safety Edge: Wire basket shall have smooth wire ends at the top and ends to protect personnel and cables.

3.4 The wire mesh shall be welded at all intersections.

3.5 Mesh system shall permit continuous ventilation of cables and maximum disposition of heat.

**4.0** Tray shall be UL Classified for use as an equipment ground conductor, when installed according to manufacturer's instructions. Some sizes may require a continuous ground conductor to meet classification requirements. Tray sections shall have labels with part number information as well as the UL Classification statement and cross-sectional area.**5.0** Fittings shall be field fabricated from straight sections, based on the needs of the installer. MP Husky recommends that wire basket is cut using a cutting tool with offset blades such as our (WBCT). MP Husky offers a variety of different options for splicing trays and creating fittings and field modifications.**6.0** The wire basket cable tray shall meet NEMA VE-1 and be supplied by a member of NEMA VE-1 and installed in accordance with NEMA VE-2 "Cable Tray Installation Guidelines".**7.0 Specification for Standard Finish Electroplated Zinc (-EZ)**

7.1 Wire basket trays have an electroplated zinc finish. Electroplating is the process of applying a zinc coating to a product by electrolysis after the product has been fabricated. Electroplating requires that current be applied through the product, thereby attracting the zinc to the product. The electroplated zinc process creates a smooth, shiny finish that is capable of providing corrosion protection.



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