Cable Tray / Wire Mesh Basket Tray
TMX-X-118-XX

MonoMesh™
Manufactured by MonoSystems, Inc.

"W"
USEABLE WIDTH

"H" USEABLE HEIGHT

118" LENGTH

T-WELD SCALLOPED STYLE WIRE MESH CABLE TRAY SYSTEMS

Notes:

1.) This product is intended for the support of conduit and cables.

2.) Standard material: steel, clear electroplated zinc after fabrication. wire grid pattern 4" x 2".

3.) Manufactured and tested in conformance with NEMA VE-1 standards.

4.) UL/C-UL classified.

5.) Views for reference - do not scale.

6.) Each end of the factory mesh wires to be smooth and free of burrs and sharp edges.

7.) For cable fill and load ratings, see page 2.

8.) Suffix denoted finish:
PB = Painted black | PR = Painted red | PW = Painted white
PY = Painted yellow | HD = HDGAF
TS49P = Tiger series 49 polyester | SS4 = 304 Stainless steel wire
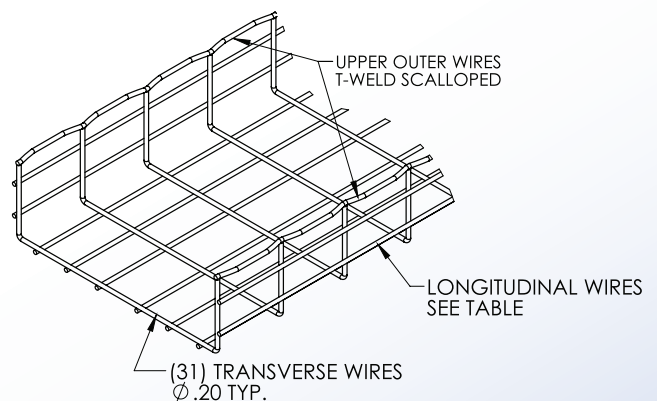
PART NUMBER	NOMINAL HEIGHT "H"	NOMINAL WIDTH "W"	LONGITUDINAL WIRES	
			QUANTITY	DIAMETER (in)
2 INCH LOAD DEPTH X 118" LONG				
TM2-3-118	2"	3"	6	0.2
TM2-6-118	2"	6"	6	0.2
TM2-10-118	2"	10"	8	0.2
TM2-12-118	2"	12"	10	0.2
TM2-20-118	2"	20"	12	0.2
4 INCH LOAD DEPTH X 118" LONG				
TM4-6-118	4"	6"	8	0.2
TM4-8-118	4"	8"	10	0.2
TM4-12-118	4"	12"	12	0.2
TM4-16-118	4"	16"	12	0.2
TM4-18-118	4"	18"	12	0.2
TM4-24-118	4"	24"	16	0.2
TM4-36-118	4"	36"	20	0.2
6 INCH LOAD DEPTH X 118" LONG				
TM6-8-118	6"	8"	12	0.2
TM6-12-118	6"	12"	12	0.2
TM6-18-118	6"	18"	14	0.2
TM6-24-118	6"	24"	18	0.2

ORDERING DATA EXAMPLE:

TM X - X -118- XX

HEIGHT "H"   WIDTH "W"   FINISH (SEE NOTE 8.)

UPPER OUTER WIRES T-WELD SCALLOPED

LONGITUDINAL WIRES SEE TABLE

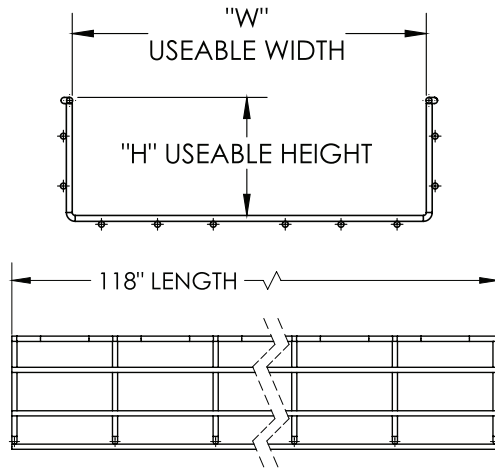(31) TRANSVERSE WIRES ∅ .20 TYP.

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TMX-X-118-XX

MonoMesh™
Manufactured by MonoSystems, Inc.

T-WELD SCALLOPED STYLE WIRE MESH CABLE TRAY SYSTEMS

ORDERING DATA EXAMPLE:

TM X - X -118- XX

HEIGHT	WIDTH	FINISH
"H"	"W"	(SEE NOTE 8.)

Notes:

1.) This product is intended for the support of conduit and cables.

2.) Material: Steel, clear electroplated zinc. Wire grid pattern 4" x 2".

3.) Manufactured and tested in conformance with NEMA VE-1 standards.

4.) UL/C-UL classified.

5.) Views for reference - do not scale.

6.) Each end of the factory mesh wires to be smooth and free of burrs and sharp edges.

7.) For cable fill and load ratings, see below.

8.) Suffix denoted finish:
PB = Painted black | PR = Painted red | PW = Painted white
PY = Painted yellow | HD = HDGAF
TS49P = Tiger series 49 polyester | SS4 = 304 Stainless steel wire

MonoMesh Cable Fill & Load Rating Chart:

PART NUMBER	NOMINAL HEIGHT	NOMINAL WIDTH	FILL AREA (in)	MAXIMUM* NUMBER OF 4 UTP CAT.5 [Ø0.21] CABLES	APPROX. MAX. CABLE WEIGHT Lbs/ft* [0.026lb/ft]	MAXIMUM* NUMBER OF 4 UTP CAT.6E [Ø0.244] CABLES GigaLAN	APPROX. MAX. CABLE WEIGHT Lbs/ft* [0.035lb/ft]	MAXIMUM* NUMBER OF CAT.6A [Ø0.30] CABLES	APPROX. MAX. CABLE WEIGHT Lbs/ft* [0.045lb/ft]	LOAD CAPACITY PER SPAN Lbs/ft*					
	"H"	"W"								2FT	4FT	5FT	6FT	7FT	8FT
2 INCH LOAD DEPTH X 118" LONG															
TM2-3-118	2"	3"	6.04"	80	2.1	69	2.4	42	1.9	368	92	56	38	30	23
TM2-6-118	2"	6"	12.40"	150	3.9	128	4.5	88	4.0	368	92	56	38	30	23
TM2-10-118	2"	10"	20.13"	261	6.7	223	7.8	146	6.6	496	125	74	56	41	31
TM2-12-118	2"	12"	24.18"	314	8.2	269	9.4	175	7.9	592	148	85	62	48	37
TM2-20-118	2"	20"	40.30"	542	14.1	464	16.2	296	13.3	640	160	89	64	52	40
4 INCH LOAD DEPTH X 118" LONG															
TM4-6-118	4"	6"	23.95"	281	7.3	241	8.4	167	7.5	416	104	67	46	34	26
TM4-8-118	4"	8"	31.93"	390	10.1	334	11.7	224	10.1	576	144	93	66	47	36
TM4-12-118	4"	12"	47.90"	606	15.8	519	18.2	334	15.0	672	168	110	80	54	42
TM4-16-118	4"	16"	63.86"	765	19.9	655	22.9	450	20.3	672	168	116	80	55	42
TM4-18-118	4"	18"	71.84"	930	24.2	797	27.9	506	22.8	672	168	116	80	55	42
TM4-24-118	4"	24"	95.79"	1255	32.6	1075	37.6	676	30.4	672	168	132	83	55	42
TM4-36-118	4"	36"	137.64"	1822	47.4	1561	54.6	1014	30.4	672	168	132	83	55	42
6 INCH LOAD DEPTH X 118" LONG															
TM6-8-118	6"	8"	45.88"	652	16.3	559	19.6	335	15.01	712	178	115	79	58	44
TM6-12-118	6"	12"	68.82"	880	22.9	754	26.4	501	22.5	976	244	157	109	80	61
TM6-18-118	6"	18"	103.23"	1352	35.2	1159	40.6	760	34.2	976	244	157	109	80	61
TM6-24-118	6"	24"	137.64"	1822	47.4	1561	54.6	1014	45.6	976	244	157	109	80	61

*Note:

- The above chart is meant as a practical guide for the amount of cable weight the associated mesh product can realistically hold. Max. number of cables based upon a %50 fill rate. Actual maximum loads may be greater or less.

- Tested in accordance with NEMA VE-1/CSA E22.2 No. 126.1, Safety factor: 1.5
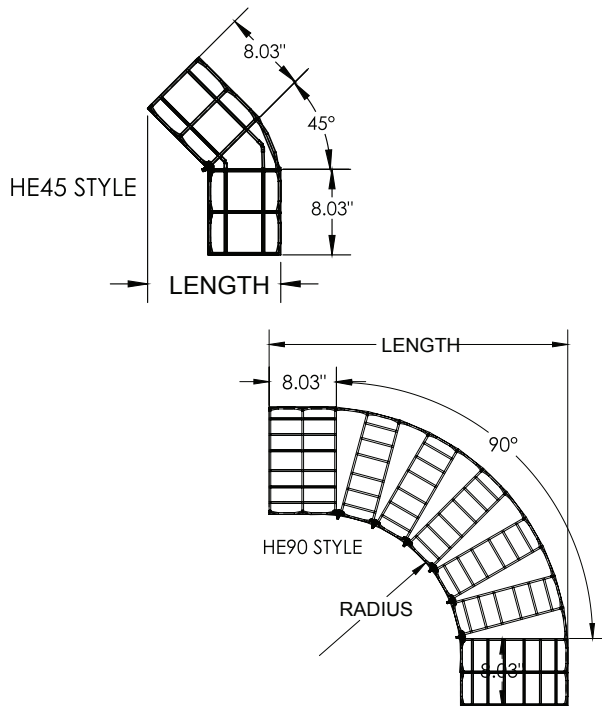
MonoSystems™
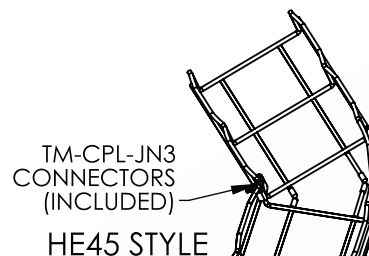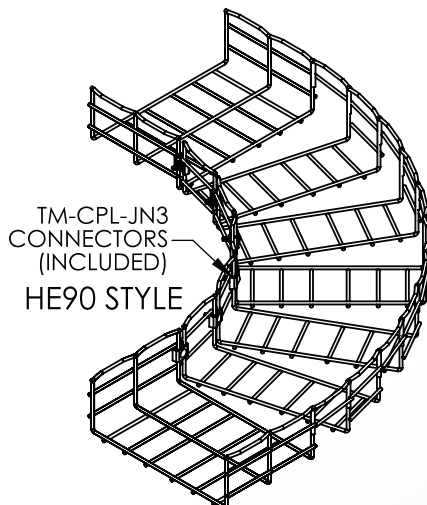Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TMX-HEXX-XX-RAD

MonoMesh™ Fittings
Manufactured by MonoSystems, Inc.

T-WELD MESH CABLE TRAY HORIZONTAL BEND, SMOOTH RADIUS FACTORY ASSEMBLED

HE45 STYLE
8.03''
45°
8.03''
LENGTH

LENGTH
8.03''
90°
HE90 STYLE
RADIUS
8.03''

Notes:

1.) This product is intended for the support of conduit and cables.

2.) Standard material: steel, clear electroplated zinc after fabrication. Wire grid pattern 4" x 2".

3.) Connect and attach pre-assembled fitting to tray using TM-CPL-JN3, OR TM-CPL-FL connectors (ordered separately).

4.) Wire locations and quantity will vary according to tray size.

5.) For sharp horizontal elbows see part number TMX-HEXX-XX.

6.) Views for reference - do not scale.

7.) Add suffix to part number to denoted finish:
    PB = painted black | PR = painted red
    PW = painted white | PY = painted yellow
    HD = HDGAF | SS4 = 304 stainless steel wire
    TS49P = tiger series 49 polyester

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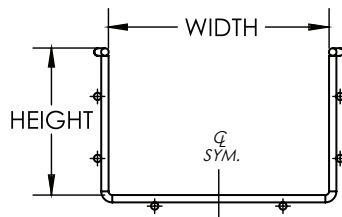
WIDTH
HEIGHT
℄ SYM.

ORDERING DATA EXAMPLE:

TM X-HE XX - XX -RAD

TRAY HEIGHT | FITTING ANGLE | TRAY WIDTH

TM-CPL-JN3 CONNECTORS (INCLUDED)
HE90 STYLE

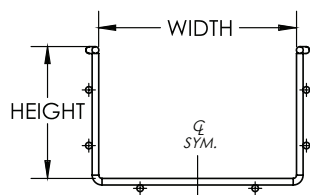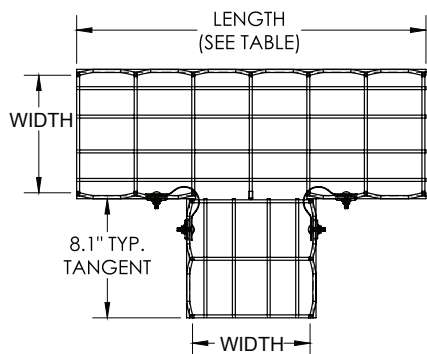TM-CPL-JN3 CONNECTORS (INCLUDED)
HE45 STYLE

MonoSystems™
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Cable Tray / Wire Mesh Basket Tray
TMX-HEXX-XX-RAD
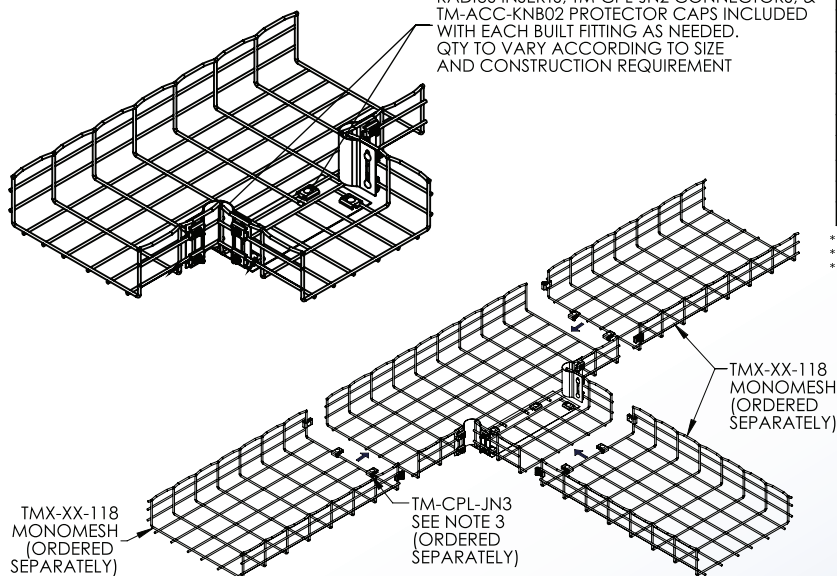
MonoMesh™ Fittings
Manufactured by MonoSystems, Inc.

T-WELD MESH CABLE TRAY HORIZONTAL BEND, SMOOTH RADIUS FACTORY ASSEMBLED

PART NUMBER	NOMINAL HEIGHT "H"	NOMINAL WIDTH "W"	APPROXIMATE DIMENSIONS (in)	
			LENGTH	RADIUS
2 INCH LOAD DEPTH				
TM2-HE90-03-RAD	2"	3"	N/A	N/A
TM2-HE45-03-RAD	2"	3"	10"	8"
TM2-HE90-06-RAD	2"	6"	22"	9"
TM2-HE45-06-RAD	2"	6"	10-1/2"	9"
TM2-HE90-10-RAD	2"	10"	31-1/2"	12"
TM2-HE45-10-RAD	2"	10"	17"	12"
TM2-HE90-12-RAD	2"	12"	35-5/8"	15"
TM2-HE45-12-RAD	2"	12"	21-1/2"	15"
TM2-HE90-20-RAD	2"	20"	52-1/4"	23"
TM2-HE45-20-RAD	2"	20"	34-1/2"	23"
4 INCH LOAD DEPTH				
TM4-HE90-08-RAD	4"	8"	25-1/2	13
TM4-HE45-08-RAD	4"	8"	15-1/2	13
TM4-HE90-12-RAD	4"	12"	35-5/8"	15"
TM4-HE45-12-RAD	4"	12"	21-1/2"	15"
TM4-HE90-16-RAD	4"	16"	43-1/2"	18"
TM4-HE45-16-RAD	4"	16"	27-1/2"	18"
TM4-HE90-18-RAD	4"	18"	50-1/2"	19"
TM4-HE45-18-RAD	4"	18"	28-1/4"	19"
TM4-HE90-24-RAD	4"	24"	60-1/2"	26"
TM4-HE45-24-RAD	4"	24"	37"	26"
TM4-HE90-36-RAD	4"	36"	N/A	N/A
TM4-HE45-36-RAD	4"	36"	N/A	N/A
6 INCH LOAD DEPTH				
TM6-HE90-08-RAD	6"	8"	25-1/2"	13"
TM6-HE45-08-RAD	6"	8"	15-1/2"	13"
TM6-HE90-12-RAD	6"	12"	35-5/8"	15"
TM6-HE45-12-RAD	6"	12"	21-1/2"	15"
TM6-HE90-18-RAD	6"	18"	50-1/2"	19"
TM6-HE45-18-RAD	6"	18"	28-1/4"	19"
TM6-HE90-24-RAD	6"	24"	60-1/2"	26"
TM6-HE45-24-RAD	6"	24"	37"	26"

*N/A FOR FITTINGS WHICH ARE UNABLE TO REASONABLY CONFORM TO ANGLE GIVEN.
ALL FITTINGS ARE CONSTRUCTED WITH A 2-MESH SECTION TANGENT (8.03") AS SHOWN.
ALL DIMENSIONS ARE GIVEN FOR APPROXIMATE REFERENCE

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TMX-HT-XX

MonoMesh™ Fittings
Manufactured by MonoSystems, Inc.

LENGTH
(SEE TABLE)

WIDTH

8.1" TYP.
TANGENT

WIDTH

WIDTH

HEIGHT

℄
SYM.

FACTORY ASSEMBLED MONOMESH T-WELD MESH TEE FITTING

Notes:

1.) Pre-fabricated fittings save time and eliminate the need for complex in-field cutting.

2.) This product is intended for the support of conduit and cables. Standard material: steel, clear electroplated zinc after fabrication. Wire grid pattern 4" x 2".

3.) Connect and attach pre-assembled fitting to tray using TM-CPL-JN3 OR TM-CPL-FL connectors (ordered separately).

4.) Wire locations and quantity will vary according to tray size.

5.) Views for reference - do not scale.

6.) Add suffix to part number to denoted finish:
PB = painted black | PR = painted red
PW = painted white | PY = painted yellow
HD = HDGAF | SS4 = 304 stainless steel wire
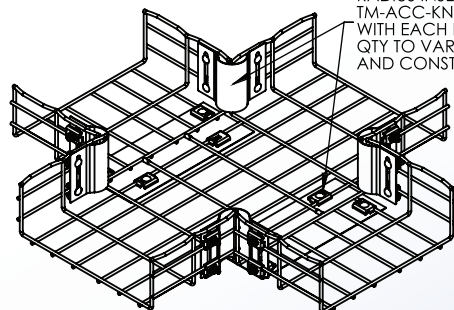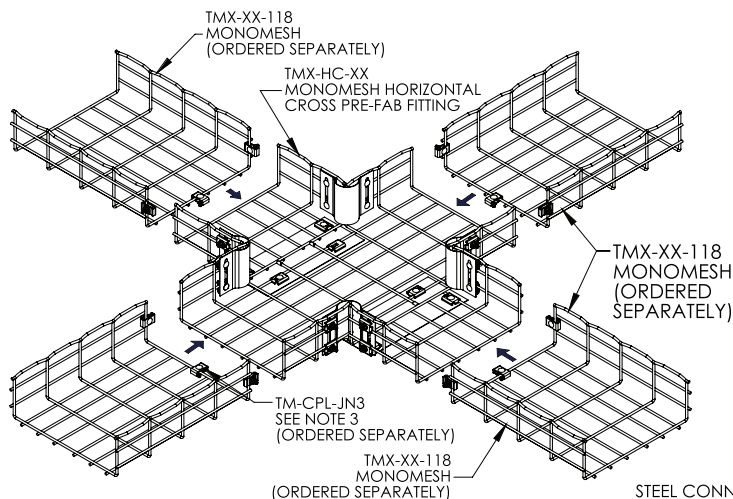
TS49P = tiger series 49 polyester

ORDERING DATA EXAMPLE:

TMX-HT-XX

TRAY
HEIGHT

TRAY
WIDTH

STEEL CONNECTION PLATES, TM-JNR-X RADIUS INSERTS, TM-CPL-JN2 CONNECTORS, & TM-ACC-KNB02 PROTECTOR CAPS INCLUDED WITH EACH BUILT FITTING AS NEEDED. QTY TO VARY ACCORDING TO SIZE AND CONSTRUCTION REQUIREMENT

TMX-XX-118
MONOMESH
(ORDERED
SEPARATELY)

TMX-XX-118
MONOMESH
(ORDERED
SEPARATELY)

TM-CPL-JN3
SEE NOTE 3
(ORDERED
SEPARATELY)

PART NUMBER	NOMINAL HEIGHT	NOMINAL WIDTH	APPROXIMATE DIMENSION (in)
	"H"	"W"	LENGTH*
2 INCH LOAD DEPTH			
TM2-HT-03	2"	3"	19-7/8"
TM2-HT-06	2"	6"	23-5/8"
TM2-HT-10	2"	10"	27-5/8"
TM2-HT-12	2"	12"	27-5/8"
TM2-HT-20	2"	20"	35-1/2"
4 INCH LOAD DEPTH			
TM4-HT-08	4"	8"	23-3/4"
TM4-HT-12	4"	12"	27-5/8"
TM4-HT-16	4"	16"	35-7/16"
TM4-HT-18	4"	18"	35-7/16"
TM4-HT-24	4"	24"	39-5/16"
TM4-HT-36	4"	36"	55"
6 INCH LOAD DEPTH			
TM6-HT-08	6"	8"	23-3/4"
TM6-HT-12	6"	12"	27-5/8"
TM6-HT-18	6"	18"	35-7/16"
TM6-HT-24	6"	24"	39-5/16"

* ALL FITTINGS ARE CONSTRUCTED WITH A 2-MESH SECTION TANGENT (8.1") AS SHOWN.
* ALL DIMENSIONS ARE GIVEN FOR APPROXIMATE REFERENCE
* SEE NOTE 4

CLASSIFIED
c (UL) us

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TMX-HC-XX

LENGTH (SEE TABLE)

WIDTH

8.1 TYP. TANGENT

WIDTH

Ç SYM.

WIDTH

HEIGHT

Ç SYM.

CLASSIFIED
C UL US

FACTORY ASSEMBLED MONOMESH T-WELD MESH CROSS FITTING

Notes:

1.) Pre-fabricated fittings save time and eliminate the need for complex in-field cutting.

2.) This product is intended for the support of conduit and cables. Standard material: steel, clear electroplated zinc after fabrication. Wire grid pattern 4" x 2".

3.) Connect and attach pre-assembled fitting to tray using TM-CPL-JN3 or TM-CPL-FL connectors (ordered separately).

4.) Wire locations and quantity will vary according to tray size.

5.) Views for reference - do not scale.

6.) Add suffix to part number to denoted finish:
    PB = painted black | PR = painted red
    PW = painted white | PY = painted yellow
    HD = HDGAF | SS4 = 304 stainless steel wire

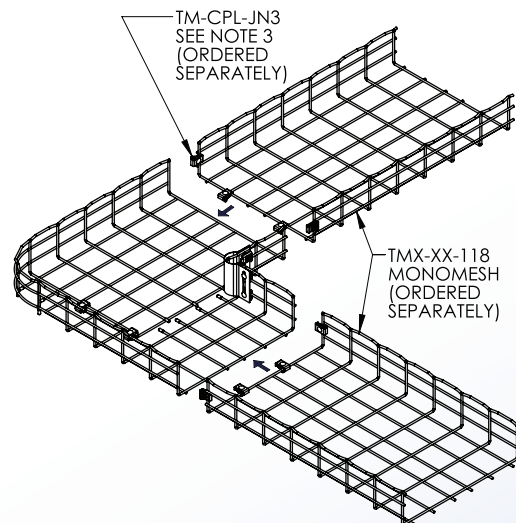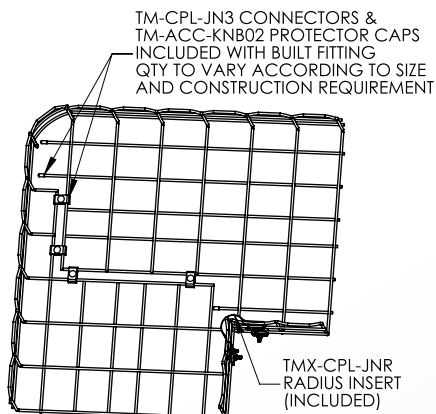   TS49P = tiger series 49 polyester

ORDERING DATA EXAMPLE:

TM|X|-HC-|XX|

TRAY HEIGHT   TRAY WIDTH

TMX-XX-118 MONOMESH (ORDERED SEPARATELY)

TMX-HC-XX MONOMESH HORIZONTAL CROSS PRE-FAB FITTING

TMX-XX-118 MONOMESH (ORDERED SEPARATELY)

TM-CPL-JN3 SEE NOTE 3 (ORDERED SEPARATELY)

TMX-XX-118 MONOMESH (ORDERED SEPARATELY)

STEEL CONNECTION PLATES, TM-JNR-X RADIUS INSERTS, TM-CPL-JN2 CONNECTORS, & TM-ACC-KNB02 PROTECTOR CAPS INCLUDED WITH EACH BUILT FITTING AS NEEDED. QTY TO VARY ACCORDING TO SIZE AND CONSTRUCTION REQUIREMENT

PART NUMBER	NOMINAL HEIGHT "H"	NOMINAL WIDTH "W"	APPROXIMATE DIMENSION (in) LENGTH*
2 INCH LOAD DEPTH			
TM2-HC-03	2"	3"	19-7/8"
TM2-HC-06	2"	6"	23-5/8"
TM2-HC-10	2"	10"	27-5/8"
TM2-HC-12	2"	12"	27-5/8"
TM2-HC-20	2"	20"	35-1/2"
4 INCH LOAD DEPTH			
TM4-HC-08	4"	8"	23-3/4"
TM4-HC-12	4"	12"	27-5/8"
TM4-HC-16	4"	16"	35-7/16"
TM4-HC-18	4"	18"	35-7/16"
TM4-HC-24	4"	24"	39-5/16"
TM4-HC-36	4"	36"	55"
6 INCH LOAD DEPTH			
TM6-HC-08	6"	8"	23-3/4"
TM6-HC-12	6"	12"	27-5/8"
TM6-HC-18	6"	18"	35-7/16"
TM6-HC-24	6"	24"	39-5/16"

* ALL FITTINGS ARE CONSTRUCTED WITH A 2-MESH SECTION TANGENT (8.1") AS SHOWN.
* ALL DIMENSIONS ARE GIVEN FOR APPROXIMATE REFERENCE
* SEE NOTE 4

MonoSystems™
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Cable Tray / Wire Mesh Basket Tray
TMX-HEXX-XX

MonoMesh™ Fittings
Manufactured by MonoSystems, Inc.

T-WELD MESH CABLE TRAY SHARP HORIZONTAL 90º BEND WITH RADIUS INSERT FACTORY ASSEMBLED

LENGTH (SEE TABLE)

WIDTH

8.10" TYP. TANGENT

WIDTH

WIDTH

HEIGHT

C̶L SYM.

Notes:

1.) Pre-fabricated fittings save time and eliminate the need for complex in-field cutting.

2.) This product is intended for the support of conduit and cables. Standard material: steel, clear electroplated zinc after fabrication. Wire grid pattern 4" x 2".

3.) Connect and attach pre-assembled fitting to tray using TM-CPL-JN3 OR TM-CPL-FL connectors (ordered separately).

4.) Wire locations and quantity will vary according to tray size.

5.) For smooth radius horizontal elbows see part no. TMX-HEXX-XX-RAD.

6.) Views for reference - do not scale.

7.) Add suffix to part number to denoted finish:
PB = painted black | PR = painted red
PW = painted white | PY = painted yellow
HD = HDGAF | SS4 = 304 stainless steel wire
TS49P = tiger series 49 polyester
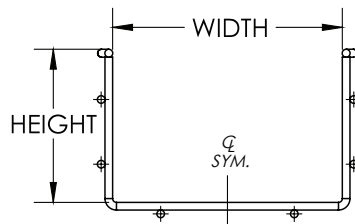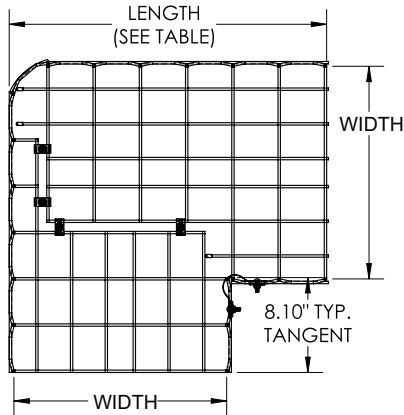
ORDERING DATA EXAMPLE:

TM**X**-HE90-**XX**

TRAY HEIGHT

TRAY WIDTH

TM-CPL-JN3 SEE NOTE 3 (ORDERED SEPARATELY)

TMX-XX-118 MONOMESH (ORDERED SEPARATELY)

TM-CPL-JN3 CONNECTORS & TM-ACC-KNB02 PROTECTOR CAPS INCLUDED WITH BUILT FITTING QTY TO VARY ACCORDING TO SIZE AND CONSTRUCTION REQUIREMENT

TMX-CPL-JNR RADIUS INSERT (INCLUDED)

MonoSystems
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Cable Tray / Wire Mesh Basket Tray
TMX-HEXX-XX

MonoMesh™ Fittings
Manufactured by MonoSystems, Inc.

T-WELD MESH CABLE TRAY SHARP HORIZONTAL 90º BEND WITH RADIUS INSERT FACTORY ASSEMBLED

PART NUMBER	NOMINAL HEIGHT	NOMINAL WIDTH	APPROXIMATE DIMENSION (in)
	"H"	"W"	LENGTH*
2 INCH LOAD DEPTH			
TM2-HE90-03	2"	3"	13"
TM2-HE90-06	2"	6"	15-3/4"
TM2-HE90-10	2"	10"	19"
TM2-HE90-12	2"	12"	21"
TM2-HE90-20	2"	20"	TBD
4 INCH LOAD DEPTH			
TM4-HE90-08	4"	8"	TBD
TM4-HE90-12	4"	12"	21"
TM4-HE90-16	4"	16"	25-1/2"
TM4-HE90-18	4"	18"	27"
TM4-HE90-24	4"	24"	34"
TM4-HE90-36	4"	36"	TBD
6 INCH LOAD DEPTH			
TM6-HE90-08	6"	8"	TBD
TM6-HE90-12	6"	12"	21"
TM6-HE90-18	6"	18"	27"
TM6-HE90-24	6"	24"	34"

* ALL FITTINGS ARE CONSTRUCTED WITH A 2-MESH SECTION TANGENT (8.1") AS SHOWN.
* ALL DIMENSIONS ARE GIVEN FOR APPROXIMATE REFERENCE
* SEE NOTE 4

MonoSystems™
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Cable Tray / Ladder Tray
CSUP-XX-XX

Buy American Act Compliant

C-SUPPORT BRACKET

Notes

1.) Ordered as each. For cable tray installation under ceilings or overhangs. Can be stacked for multiple levels of cable tray support.

2.) Bracket material: 13/16"x1-5/8" 14GA steel.

3.) Tray mounting hardware ordered separately. Wall or ceiling mounting hardware by others.

4.) Views for reference - Do not scale.

1.625"

.8125"

1.475"

STRUT

CSUP-XX SUPPORT BRACKET

SBXX-XX-120 TROUGH TRAY (ORDERED SEPARATELY)

90°

10" OR AS REQUIRED

TRAY WIDTH + 3"

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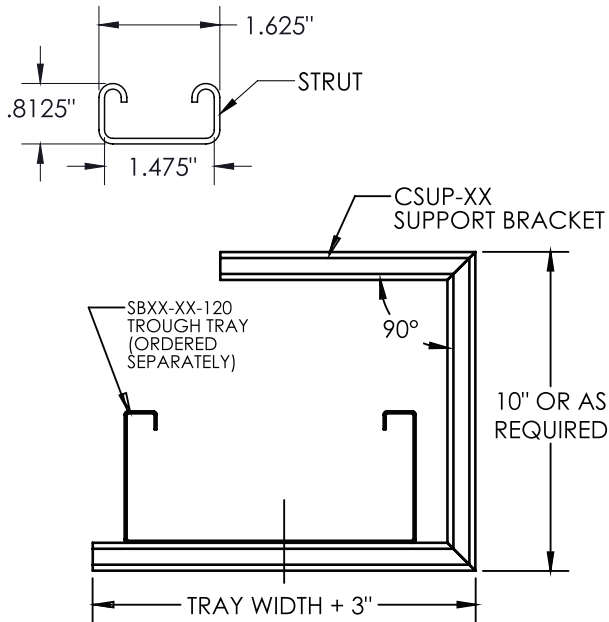
ORDERING DATA EXAMPLE:

CSUP-XX-XX

TRAY WIDTH

4 = 4" WIDE
6 = 6" WIDE
8 = 8" WIDE
9 = 9" WIDE
10 = 10" WIDE
12 = 12" WIDE
18 = 18" WIDE

MATERIAL

P = PREGALV
HD = HDGAF
PG = PAINTED GRAY
PB = PAINTED BLACK
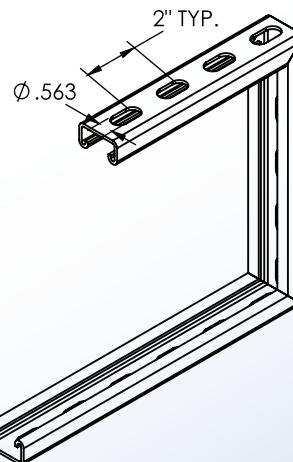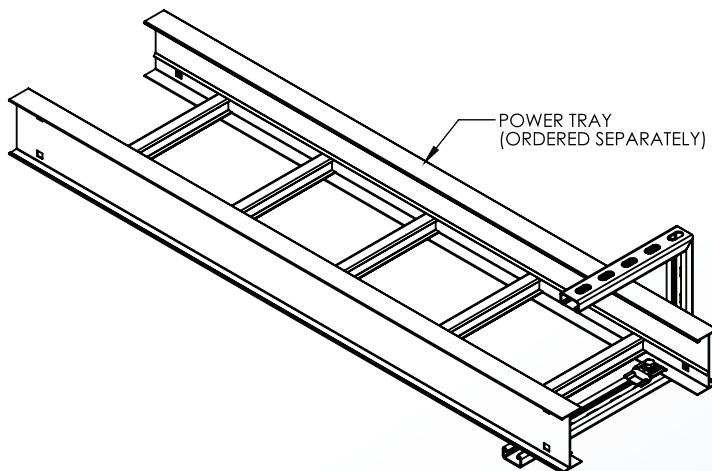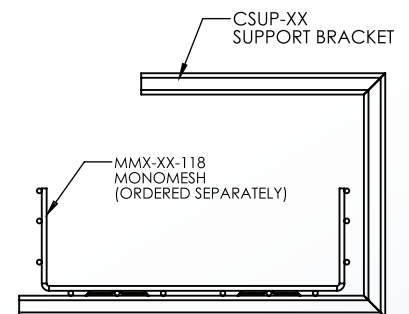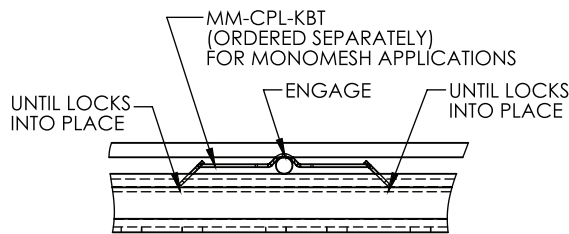
MM-CPL-KBT (ORDERED SEPARATELY) FOR MONOMESH APPLICATIONS

UNTIL LOCKS INTO PLACE

ENGAGE

UNTIL LOCKS INTO PLACE

POWER TRAY (ORDERED SEPARATELY)

2" TYP.

Ø .563

CSUP-XX SUPPORT BRACKET

MMX-XX-118 MONOMESH (ORDERED SEPARATELY)

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Cable Tray / Wire Mesh Basket Tray
MM-2T-FL3-20X2F

MonoMesh™ Accessories
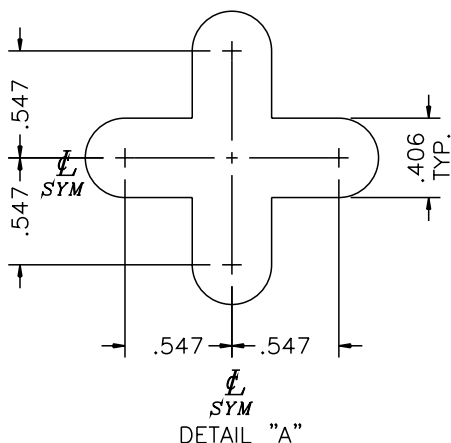**Manufactured in the USA by MonoSystems, Inc.**

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2-TIER MESH TRAY ASSEMBLY

20"

4"
HIGH

HEIGHT
(TO BE SPECIFIED)

TRAY SYSTEM
ALLOWS ACCESS
TO LAT CLIP
FROM SIDE

23 - 9/16"   2"
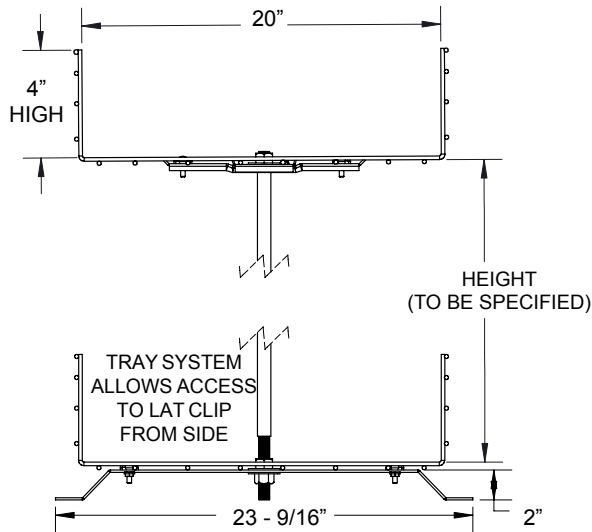
Notes

1.) With support system.

2.) Views for reference - do not scale.

Material
Mesh Wire: Steel, Clear Electroplated Zinc.
Strut: 12GA Cold Formed Steel.
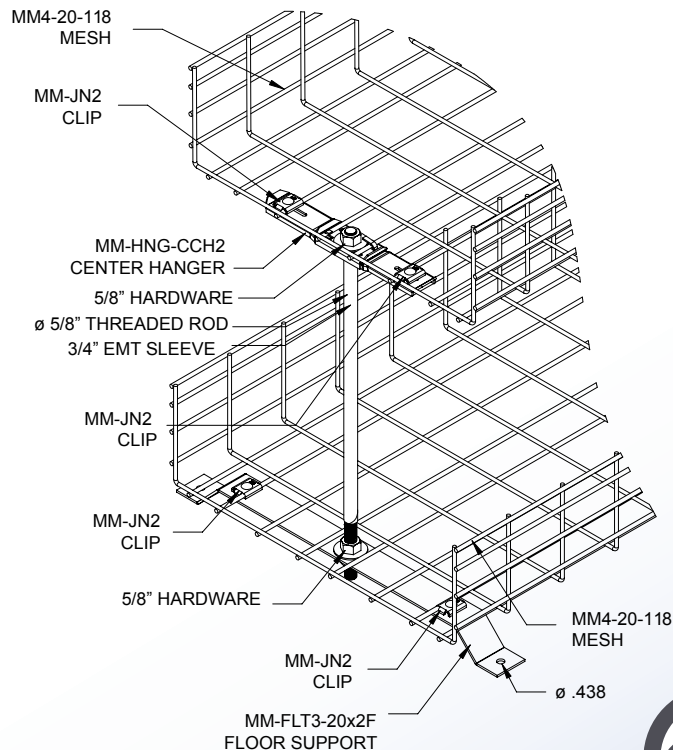
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c (UL) us

FILE: E80034
VOL.2

MM4-20-118
MESH

MM-JN2
CLIP

MM-HNG-CCH2
CENTER HANGER

5/8" HARDWARE

ø 5/8" THREADED ROD

3/4" EMT SLEEVE

MM-JN2
CLIP

MM-JN2
CLIP

5/8" HARDWARE

MM-JN2
CLIP

MM-FLT3-20x2F
FLOOR SUPPORT

MM4-20-118
MESH

ø .438

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Cable Tray / Wire Mesh Basket Tray
MM-ACC-BTC

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CUTTING TOOL

Notes

1.) Bolt cutters recommended for proper tray cutting.
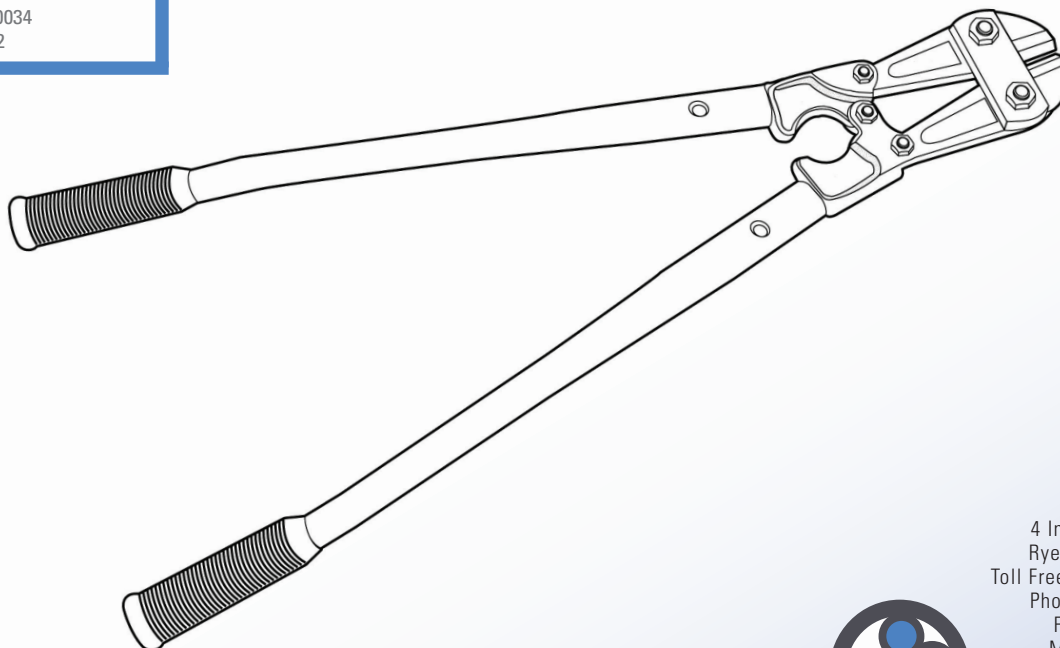
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Cable Tray / Wire Mesh Basket Tray
MM-ACC-SCSX

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SCREW SETS

Notes

1.) Each MM-ACC-SCSX MonoMesh screw set come with: An equal quantity of 1/4-20 x 1" carriage bolts & 1/4-20 serrated flange nuts.

2.) For use with MonoMesh attachment accessories.

3.) Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-m].

4.) Views for reference - do not scale.

Material
Standard Zinc Plated Steel. Other material options available, see chart.
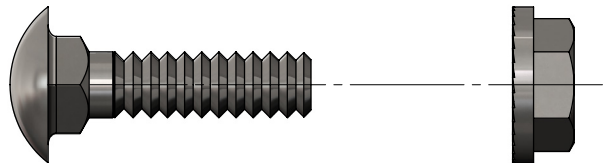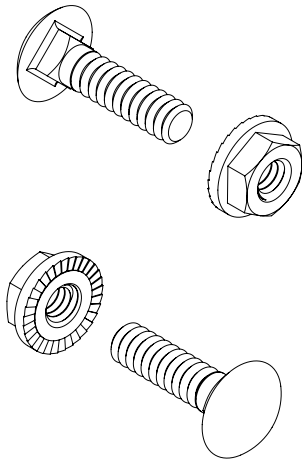
1/4-20 X 1" CARRIAGE BOLT

1/4-20 SERRATED FLANGE NUT

ORDERING DATA EXAMPLE:

MM-ACC-SCSX-XX

QUALITY

MATERIAL

1 = 50 PCS OF EACH

2 = 250 PCS OF EACH

(LEAVE BLANK) = ZINC PLATED

SS = STAINLESS STEEL

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Innovations / MonoMesh
MM-ATT-BRK2

ATTACHMENT BRACKET

9"

4.7"

M.S.I. P/N: MM-ATT-BRK2

Notes

Attachment bracket for attaching boxes or other accessories to any tray size.

Material
Zinc Plated Steel.
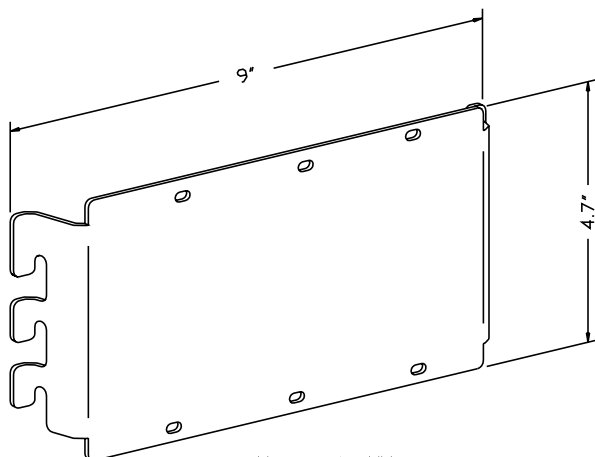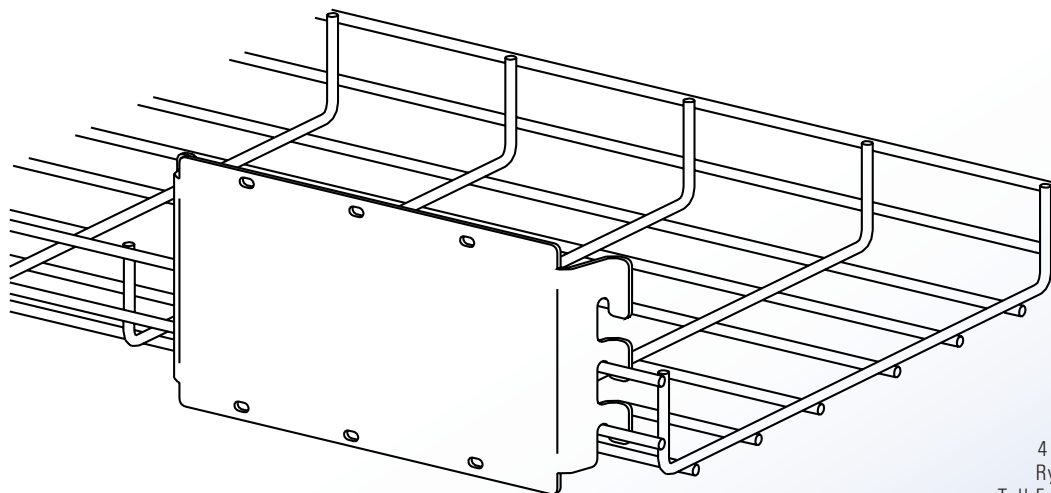
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Cable Tray / Wire Mesh Basket Tray
MM-ATT-BRK4

MonoMesh™ Accessories
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6" WIDE TRAY WALL SUPPORT BRACKET

Notes

1.) Quick support mounting or attachment bracket.

Material
Zinc Plated Steel.
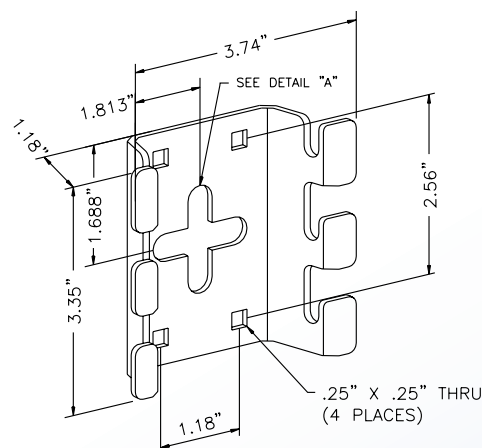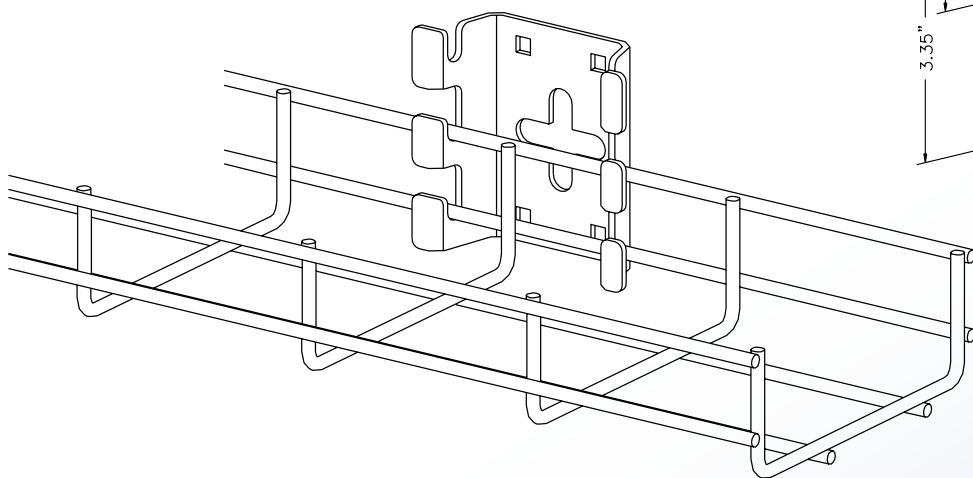
.547
.547
.547
.406 TYP.
.547   .547
℄ SYM
℄ SYM
DETAIL "A"

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c (UL) us

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VOL.2

3.74"
1.813"
1.18"
1.688"
SEE DETAIL "A"
2.56"
3.35"
1.18"
.25" X .25" THRU
(4 PLACES)

M.S.I. P/N: MM-ATT-BRK4

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Cable Tray / Wire Mesh Basket Tray
MM-ATT-BRK5

3" WIDE TRAY WALL SUPPORT BRACKET

2.165"

2"

.9"

M.S.I. P/N: MM-ATT-BRK5

Notes

Quick support bracket for MM2-3-118.

Material
Zinc Plated Steel.
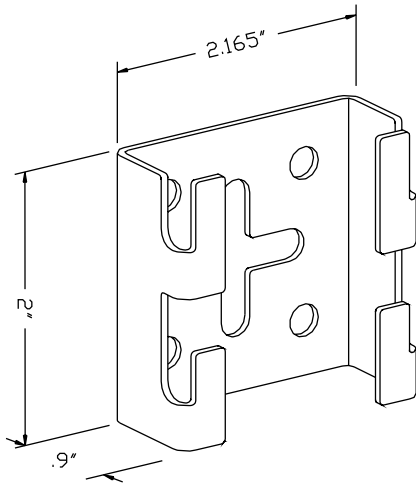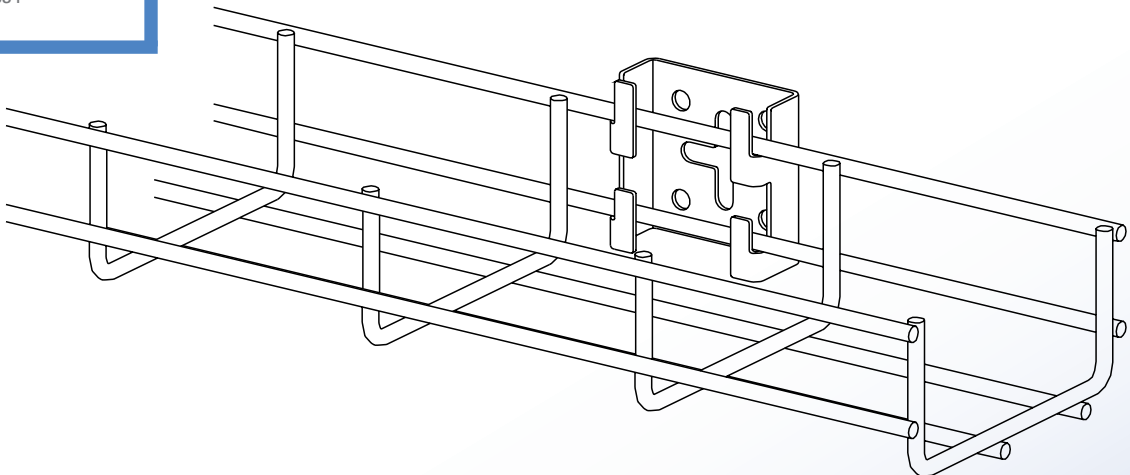
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Cable Tray / Wire Mesh Basket Tray
MM-BE

BLIND END

Notes

Each ordered separately

1.) Use for closing the end of a cable tray section.

2.) Install by sliding blind end to end of tray, feed 1/4-20x1" long carriage bolt thru MM-CPL-JN2 and hole in blind end and capture with nut on other end.

3. Recommended tourque for 1/4" fasteners 12ft-lbs [16.3N-m].

4. Manufactured and tested in conformance with NEMA VE-1 standards.

5. MonoMesh is UL / C-UL classified as a grounding conductor.

6. Views for reference, do not scale.

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c UL us

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ATTACHMENT HARDWARE PROVIDED
SEE NOTE 2 & 3
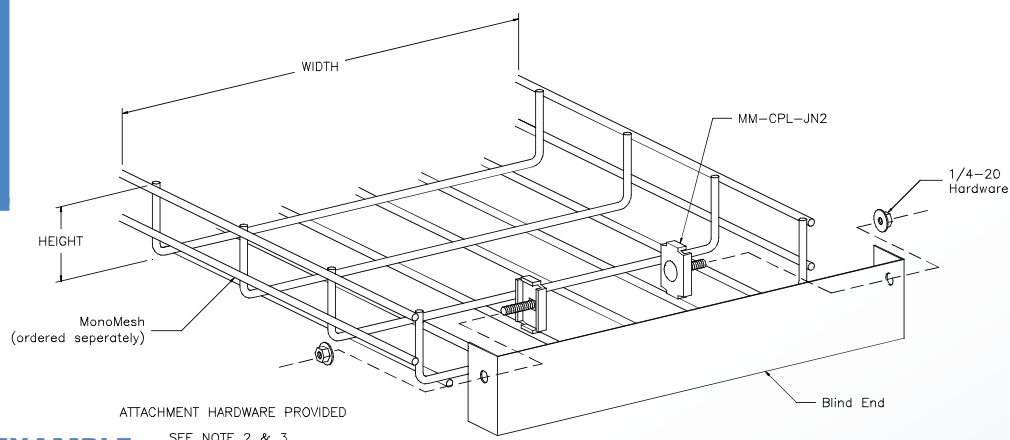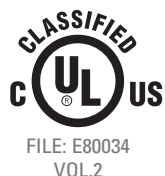
ORDERING DATA EXAMPLE:

MM(H) - (W)-BE

HEIGHT

2 - FOR 2" HEIGHT
4 - FOR 4" HEIGHT
6 - FOR 6" HEIGHT

WIDTH

3 - FOR 3" WIDTH
6 - FOR 6" WIDTH
8 - FOR 8" WIDTH
10 - FOR 10" WIDTH
12 - FOR 12" WIDTH
16 - FOR 16" WIDTH
18 - FOR 18" WIDTH
20 - FOR 20" WIDTH
24 - FOR 24" WIDTH

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# Cable Tray / Wire Mesh Basket Tray
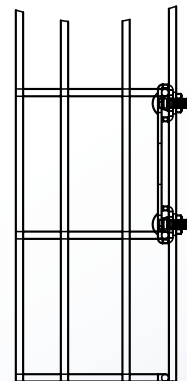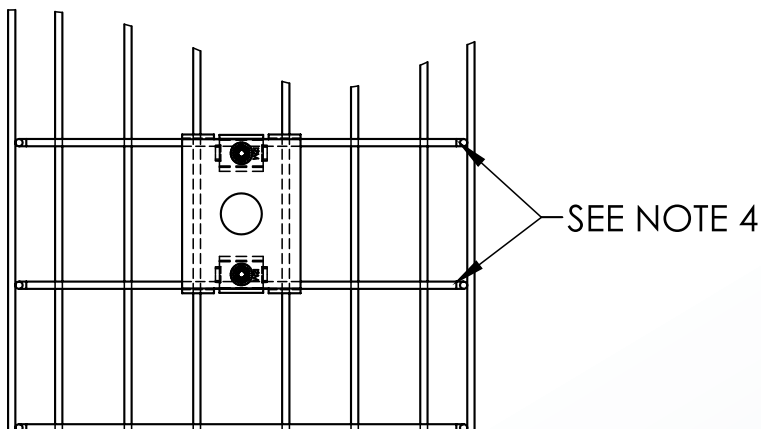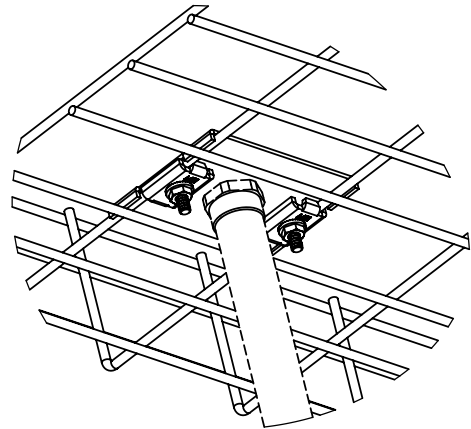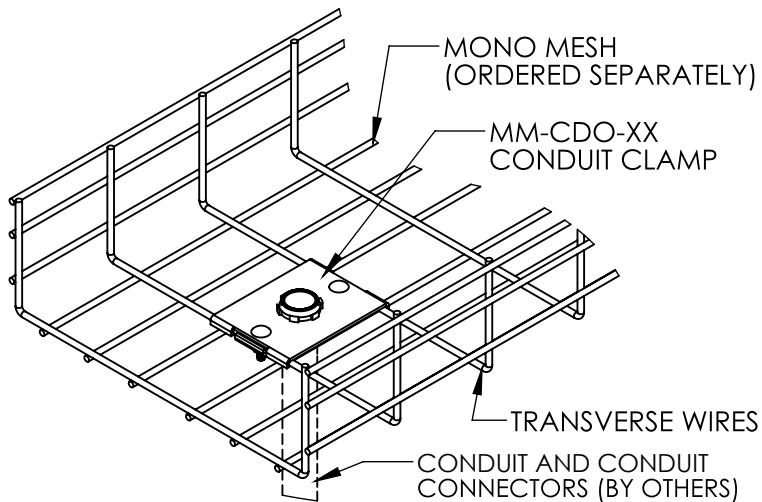# MM-BRKXX

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

2"

2X ⌀ .438
[3/8" CLEARANCE]

5 1/2"

1 5/8"

1 5/8"

PART LENGTH
TRAY WIDTH + 2"

⌀ .563 TYP.

MONOMESH WALL BRACKET

Notes:

1.) Each MM-BRK-XX ordered separately.

2.) Used to support MonoMesh cable tray.

3.) MonoMesh and MonoMesh attachment hardware ordered separately. Install MM-SPL-JN2 (ordered separately) around wire and feed a 1/4-20 carriage bolt (ordered separately) thru □ hole. Capture on other side of bracket strut with a washer and serrated nut (all ordered separately). Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-m].

4.) Uniform load of 600lbs.

5.) 12GA pregalv. Standard. Add -HD to part number for HDGAF.

6.) Views for reference, do not scale.
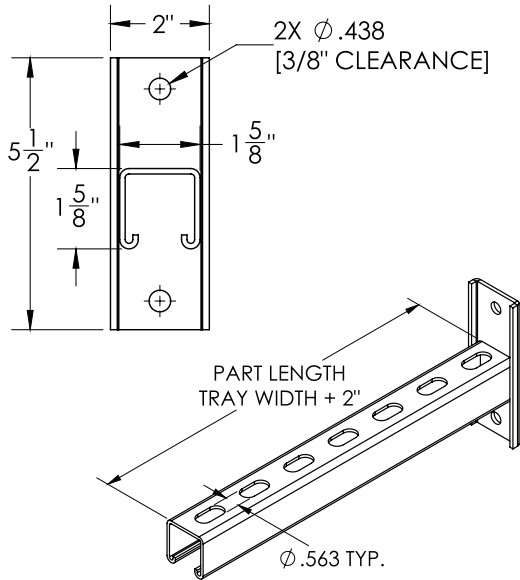
ORDERING DATA EXAMPLE:

MM-BRKXX

SIZE/TRAY WIDTH
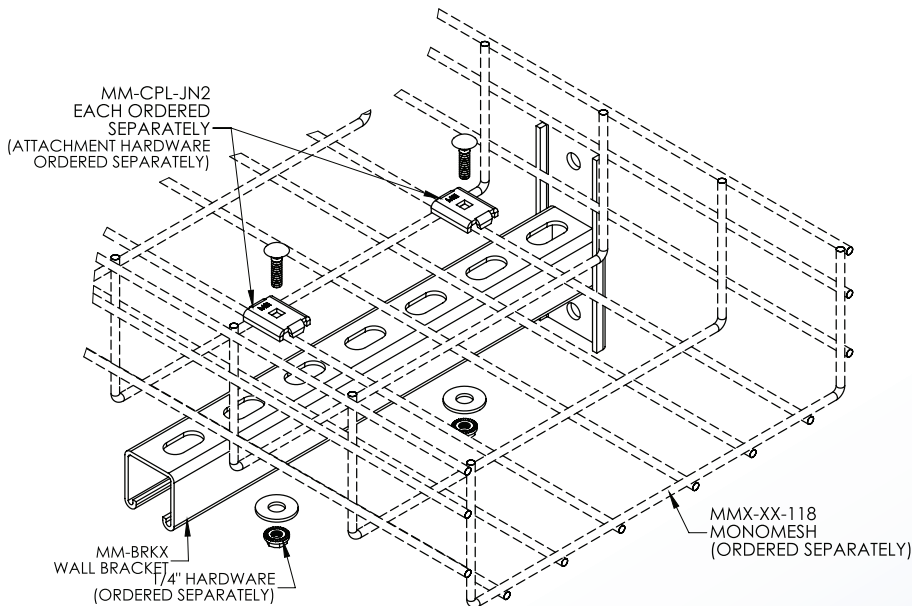
03 = 5"
06 = 8"
08 = 10"
10 = 12"
12 = 14"
16 = 18"
18 = 20"
20 = 22"
24 = 26"

TRAY WIDTH   **PART LENGTH**

MM-CPL-JN2
EACH ORDERED
SEPARATELY
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)

MM-BRKX
WALL BRACKET
1/4" HARDWARE
(ORDERED SEPARATELY)

MMX-XX-118
MONOMESH
(ORDERED SEPARATELY)

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Cable Tray / Wire Mesh Basket Tray
MM-BRKZ

MonoMesh™ Accessories

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OFFSET / WALL BRACKET

Notes

1.) To install: Place MM-BRKZ under mesh as shown. Attach MM-CPL-JN2 (ordered separately) to mesh longitudinal wire and capture with 1/4-20 hardware (ordered separately) around mesh wire as shown.

2.) Views for reference - do not scale.

Material
14GA GALV. Steel.
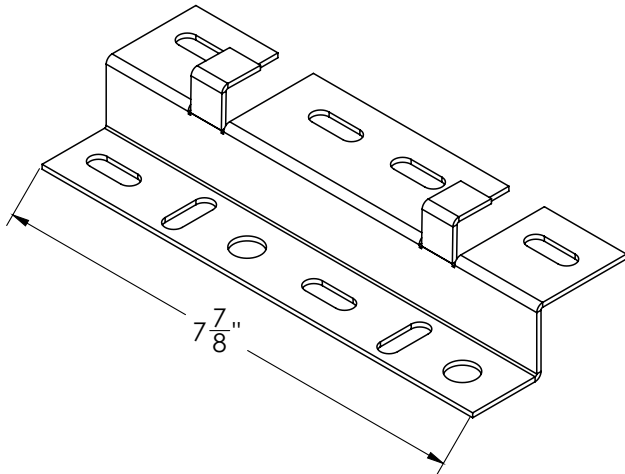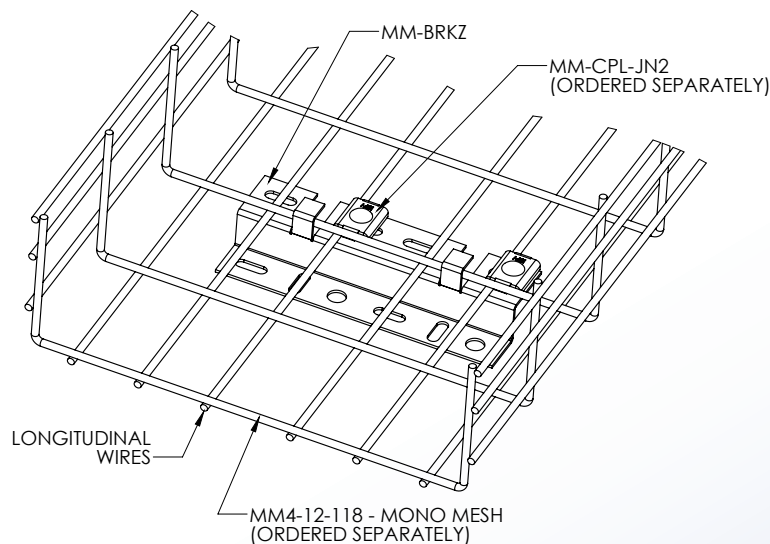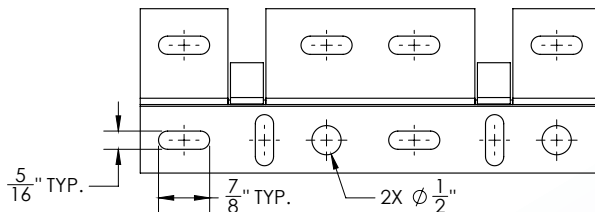
$7\frac{7}{8}$"

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VOL.2

$\frac{5}{16}$" TYP.

$\frac{7}{8}$" TYP.

2X ⌀ $\frac{1}{2}$"

MM-BRKZ

MM-CPL-JN2
(ORDERED SEPARATELY)

LONGITUDINAL
WIRES

MM4-12-118 - MONO MESH
(ORDERED SEPARATELY)

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Cable Tray / Wire Mesh Basket Tray
MM-CDO-XX

CONDUIT CLAMP

$3\frac{1}{4}$"

HOLE DIAMETER

$4\frac{5}{32}$"

INCLUDED

Notes

1.) Ordered as each. Includes conduit clamp plate, (2) MM-CPL-JN2 joining clips, and joining clip hardware.

2.) Allows for easy connection to cable drops in emt.

3.) Emt fittings, conduit connectors, and conduit by others.

4.) To install, position clamp plate atop 2 transverse wires, place 1/4-20 carriage bolts thru top of slots and capture on other end of wire with MM-CPL-JN2 joining clips and 1/4-20 serrated flanges nuts.

5.) UL classified as an equipment ground conductor when installed as recommended and coating (if applicable) has been completely removed at plate contact points.

6.) Views for reference - do not scale.

CLASSIFIED
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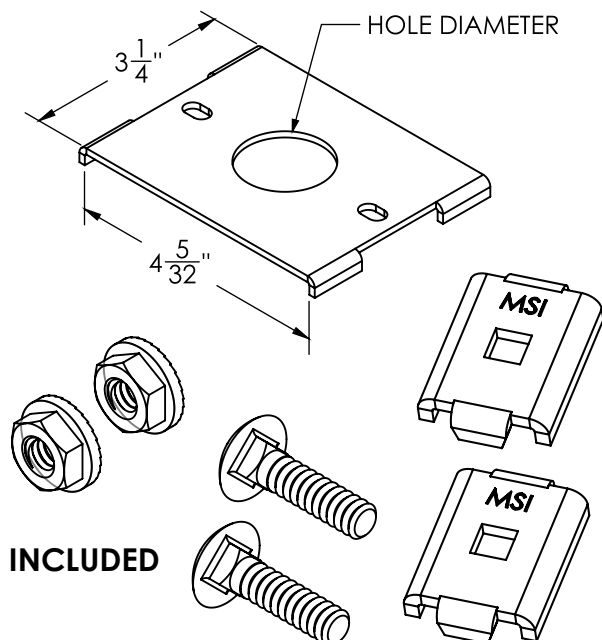
ORDERING DATA EXAMPLE:

MM-CDO-XX-XX

CONDUIT SIZE

50 = 1/2"
75 = 3/4"
100 = 1"
125 = 1-1/4"

MATERIAL

P = PREGALV.
HD = HDGAF
PG = PAINTED GRAY
PB = PAINTED BLACK
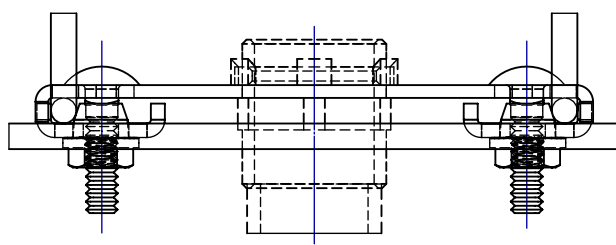
PART NUMBER	TRADE CONDUIT SIZE	HOLE DIAMETER
MM-CDO-50	1/2"	∅ 7/8"
MM-CDO-75	3/4"	∅ 1-1/8"
MM-CDO-100	1"	∅ 1-3/8"
MM-CDO-125	1-1/4"	∅ 1-3/4"

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MONO MESH
(ORDERED SEPARATELY)

MM-CDO-XX
CONDUIT CLAMP

TRANSVERSE WIRES

CONDUIT AND CONDUIT
CONNECTORS (BY OTHERS)

SEE NOTE 4

Cable Tray / Wire Mesh Basket Tray
MM-CPL-ANG1

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90° CORNER BRACKET CLIP

Ø .265
[1/4" CLEARANCE HOLE]

Ø .265
[1/4" CLEARANCE HOLE]

Ø .397
[3/8" CLEARANCE HOLE]

3.395

90°

Notes

1.) Each MM-CPL-ANG1 Ordered separately. Attach clip to outer mesh corner using 1/4-20 x 1" long carriage bolt, capture on other side of mesh with MM-CPL-JN2 clip and serrated nut (all ordered separately).

2.) Manufactured and tested in conformance with NEMA VE-1 standards.

3.) (2) Grounding locations are provided, grounding hardware (by others).

4.) UL classified as an equipment ground conductor when spliced as recommended and coating (if applicable) has been completely removed at splice contact points.

5.) Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-M].

6.) Views for reference - do not scale.

CLASSIFIED
UL
c US
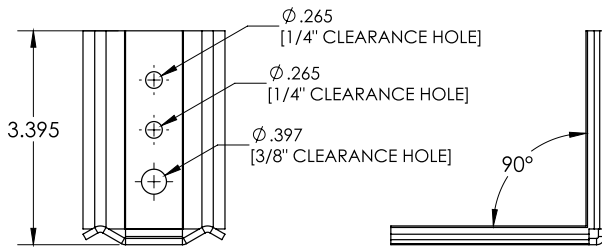
FILE: E80034
VOL.2

ORDERING DATA EXAMPLE:
MM-CPL-ANG1-XX

MATERIAL

(LEAVE BLANK) ZINC PLATED STEEL
HD = HDGAF
SS = 304 STAINLESS STEEL
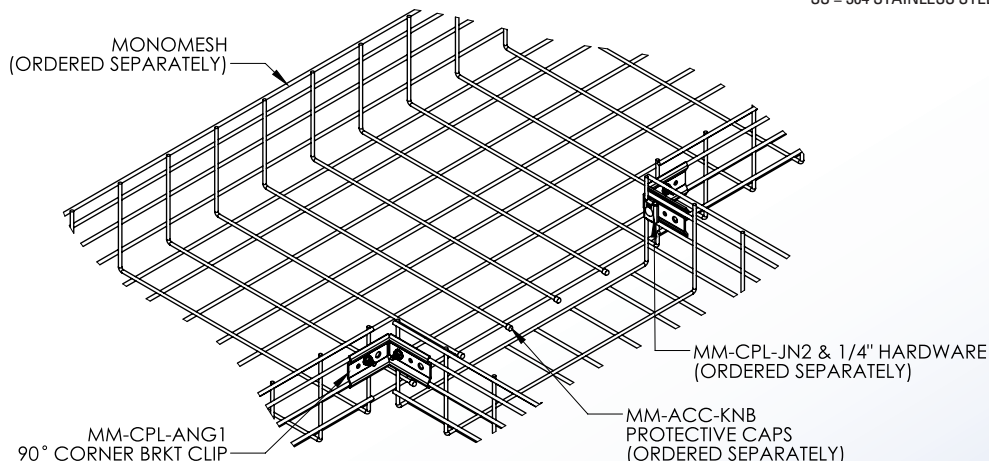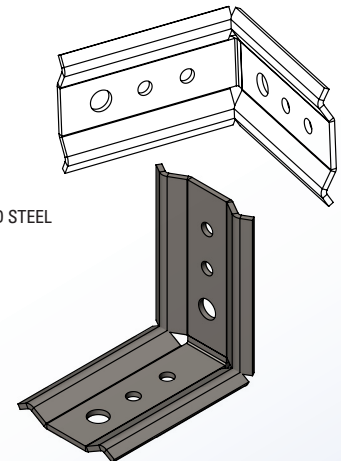
MONOMESH
(ORDERED SEPARATELY)

MM-CPL-JN2 & 1/4" HARDWARE
(ORDERED SEPARATELY)

MM-CPL-ANG1
90° CORNER BRKT CLIP

MM-ACC-KNB
PROTECTIVE CAPS
(ORDERED SEPARATELY)

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MM-CPL-JN1

MonoMesh™ Accessories
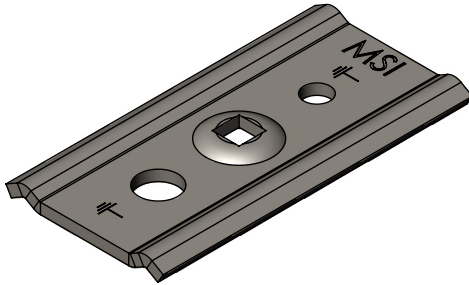### Manufactured in the USA by MonoSystems, Inc.

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ATTACHMENT CLIP

Ø .265
[1/4" CLEARANCE HOLE]

MSI

□ .275"

Ø .397
[3/8" CLEARANCE HOLE]

3.145"

1.6"

Notes

1.) Each MM-CPL-JN1 ordered separately. Attach clip to outer mesh longitudinal wire using 1/4-20 x 1" long carriage bolt, capture on other side of mesh with MM-CPL-JN2 clip and serrated nut (all ordered separately).

2.) Manufactured and tested in conformance with NEMA VE-1 standards.

3.) (2) Grounding locations are provided, grounding hardware (by others).

4.) UL classified as an equipment ground conductor when spliced as recommended and coating (if applicable) has been completely removed at splice contact points.

5.) Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-M].

6.) Views for reference - do not scale.

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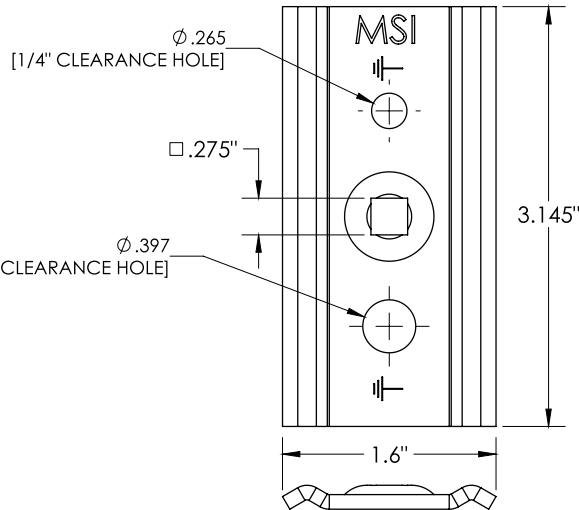
FILE: E80034
VOL.2

ORDERING DATA EXAMPLE:

MM-CPL-JN1-XX

MATERIAL

(LEAVE BLANK) ZINC PLATED STEEL
HD = HDGAF
SS = 304 STAINLESS STEEL
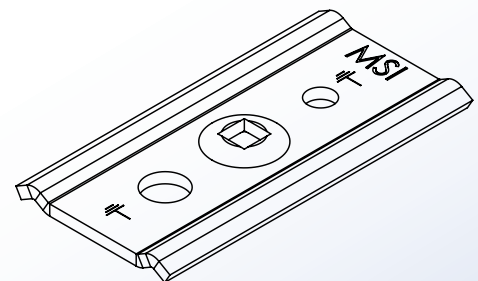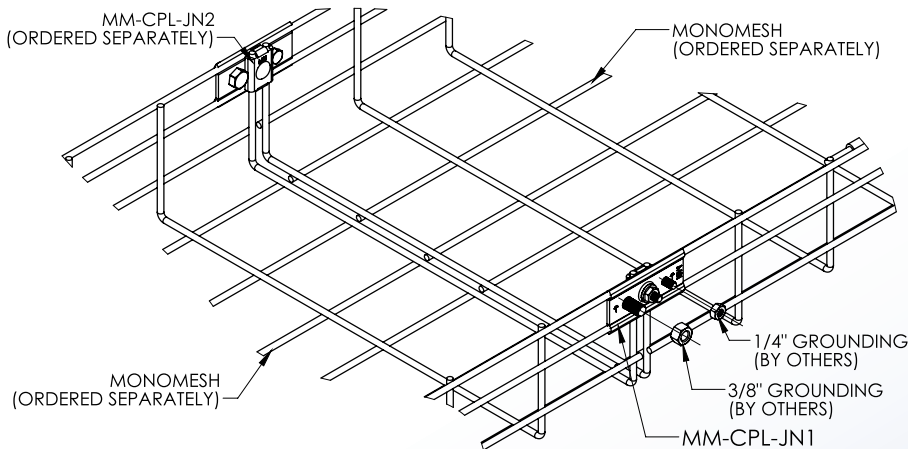
MM-CPL-JN2
(ORDERED SEPARATELY)

MONOMESH
(ORDERED SEPARATELY)

1/4" GROUNDING
(BY OTHERS)

3/8" GROUNDING
(BY OTHERS)

MONOMESH
(ORDERED SEPARATELY)

MM-CPL-JN1

MSI

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MM-CPL-JNX

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COUPLING / JOINING HARWARE

MM-CPL-JN1

MM-CPL-JN2

MM-CPL-JN3

Notes

1.) UL classified as an equipment ground conducter when spliced as recommended and coating (if applicable) has been completely removed at splice contact point.

2.) Manufactured and tested in conformance with NEMA VE-1 standards.

3.) Recommended torque for 1/4" fasteners: 12 Ft- lbs (16.3 N-M)

4.) Each ordered separately.

5.) View for reference, do not scale.

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VOL.2

P/N:
MM-CPL-JN1

P/N:
MM-CPL-JN3

P/N:
MM-CPL-JN2

Cable Tray / Wire Mesh Basket Tray
MM-CPL-SKX

MonoMesh™ Accessories
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HARDWARE

Notes

1.) UL classified as an equipment ground conducter when spliced as recommended and coating (if applicable) has been completely removed at splice contact point.

2.) Manufactured and tested in conformance with NEMA VE-1 standards.

3.) Recommended torque for 1/4" fasteners: 12 Ft- lbs (16.3 N-m)

4.) Each ordered separately.

5.) View for reference, do not scale.

MM-CPL-JN1

MM-CPL-JN2

MM-CPL-JN3

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FILE: E80034
VOL.2
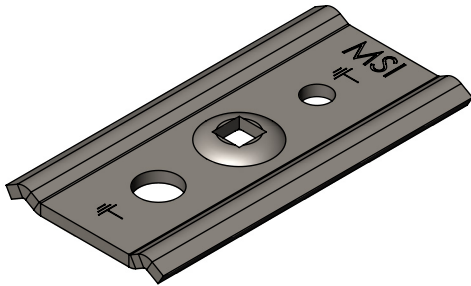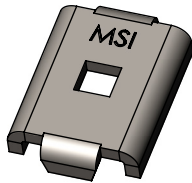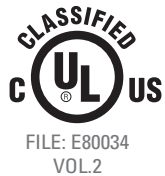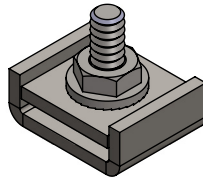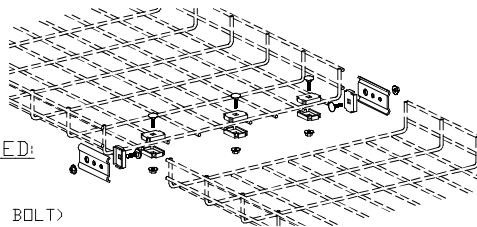
USE FOR:
MM*-24-118

HARDWARE REQUIRED:
2 PCS. (MM-CPL-JN1)
8 PCS. (MM-CPL-JN2)
5 PCS. (1/4-20 NUT & BOLT)

USE FOR:
MM*-12-118
MM*-16-118
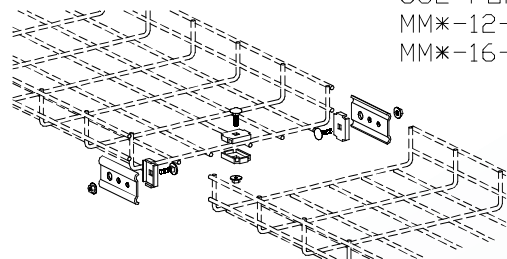
HARDWARE REQUIRED:
2 PCS. (MM-CPL-JN1)
4 PCS. (MM-CPL-JN2)
3 PCS. (1/4-20 NUT & BOLT)

USE FOR:
MM*-18-118
MM*-20-118
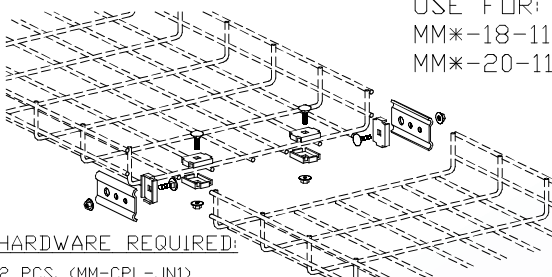
HARDWARE REQUIRED:
2 PCS. (MM-CPL-JN1)
6 PCS. (MM-CPL-JN2)
4 PCS. (1/4-20 NUT & BOLT)

USE FOR:
MM*-3-118
MM*-6-118
MM*-8-118
MM*-10-118
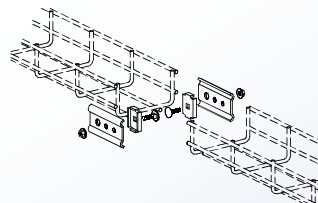
HARDWARE REQUIRED:
2 PCS. (MM-CPL-JN1)
2 PCS. (MM-CPL-JN2)
2 PCS. (1/4-20 NUT & BOLT)

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Cable Tray / Wire Mesh Basket Tray
MM-CPL-SS

SPEED SPLICE

9 3/8"

.95"

MM-CPL-SS

Notes

1.) Each MM-CPL-SS ordered separately. Snap on tray couplings that quickly attach tray sections using no specific tools or hardware.

2.) UL classified as an equipment ground conductor when attached to mesh as recommended, and coating (if applicable) has been completely removed at splice contact points.
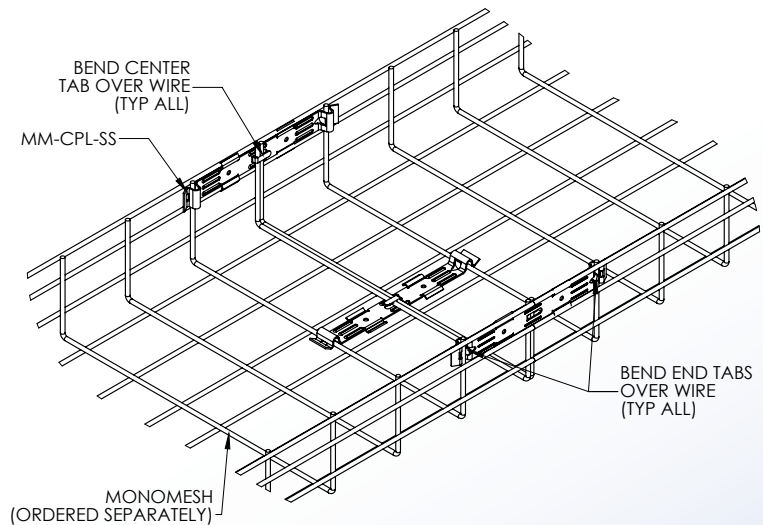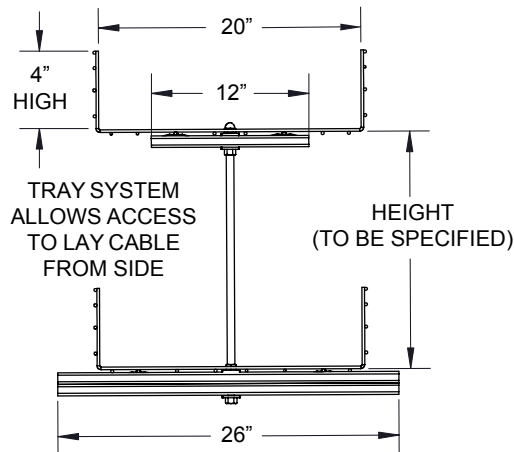
3.) Views for reference - do not scale.

Material
16GA Plated Steel.

CLASSIFIED
c (UL) us
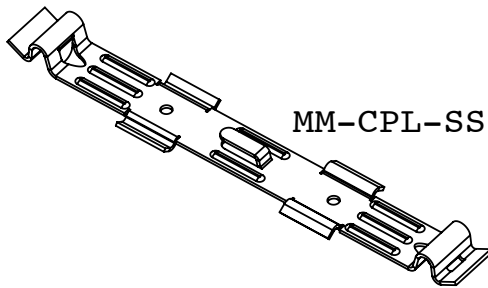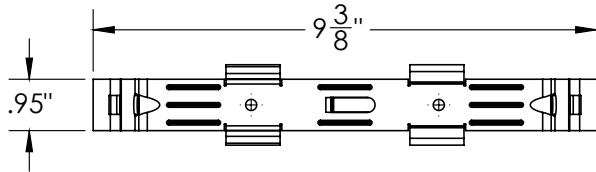
FILE: E80034
VOL.2

TRAY TYPE	NORMAL WIDTH	QTY OF SIDE SPLICES	QTY OF BOTTOM SPLICES	TOTAL QTY OF SPLICES REQUIRED
2 INCH LOAD DEPTH X 118" LONG				
MM2-3-118	3"	2	1	3
MM2-6-118	6"	2	1	3
MM2-10-118	10"	2	1	3
MM2-12-118	12"	2	1	3
MM2-20-118	20"	2	2	4
MM2-24-118	24"	2	2	4
4 INCH LOAD DEPTH X 118" LONG				
MM4-6-118	6"	2	0	2
MM4-8-118	8"	2	1	3
MM4-12-118	12"	2	1	3
MM4-16-118	16"	2	2	4
MM4-18-118	18"	2	2	4
MM4-20-118	20"	2	2	4
MM4-24-118	24"	2	2	4
6 INCH LOAD DEPTH X 118" LONG				
MM6-8-118	8"	4	0	4
MM6-12-118	12"	4	1	5
MM6-16-118	16"	4	2	6
MM6-18-118	18"	4	2	6
MM6-20-118	20"	4	2	6
MM6-24-118	24"	4	2	6

BEND CENTER TAB OVER WIRE (TYP ALL)

MM-CPL-SS

BEND END TABS OVER WIRE (TYP ALL)

MONOMESH (ORDERED SEPARATELY)

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Cable Tray / Wire Mesh Basket Tray
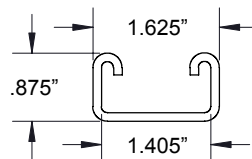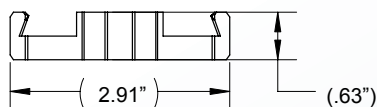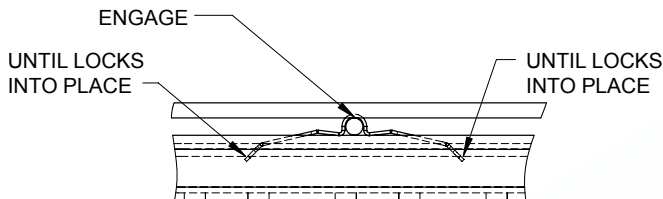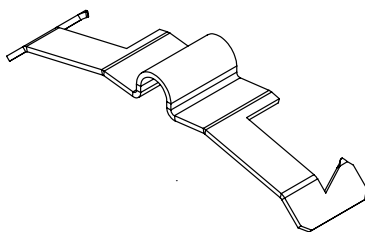# MM-CT-2T-SPT

CENTER TWO TIER SUPPORT

Notes

1.) Attach clip to mesh longitudinal wire and press down until clip flanges locks into place on strut..

2.) Hardware and threaded rod (by others)

3.) Mounting to floor (by others)

4.) Views for reference - do not scale.
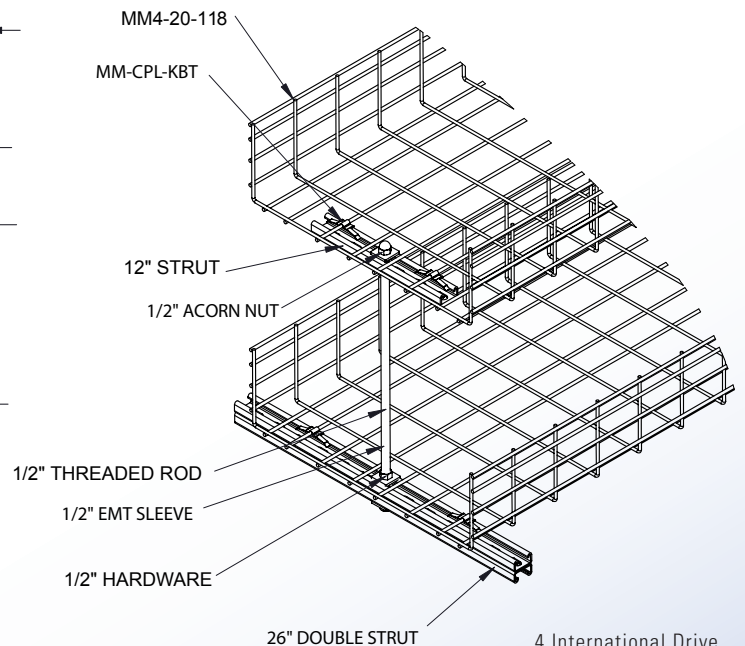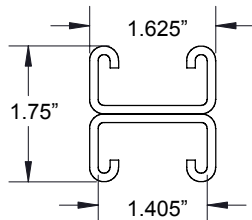
20"

4" HIGH

12"

TRAY SYSTEM ALLOWS ACCESS TO LAY CABLE FROM SIDE

HEIGHT (TO BE SPECIFIED)

26"

CLASSIFIED
c(UL)us

FILE: E80034
VOL.2

1.625"
.875"
1.405"

1.625"
1.75"
1.405"

MM4-20-118

MM-CPL-KBT

12" STRUT

1/2" ACORN NUT

1/2" THREADED ROD

1/2" EMT SLEEVE

1/2" HARDWARE

26" DOUBLE STRUT

ENGAGE

UNTIL LOCKS INTO PLACE

UNTIL LOCKS INTO PLACE

2.91"

(.63")

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Fax: 914.934.2190
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Cable Tray / Wire Mesh Basket Tray
TM-CTA-X

CONDUIT TO TRAY ADAPTOR

TRADE SIZE OPENING (SEE CHART)

MONO—MESH CABLE TRAY (ORDER SEPARATELY)

Notes

1.) For attaching conduit to MonoMesh tray.

2.) Attachment hardware provided, conduit (by others).

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c UL us
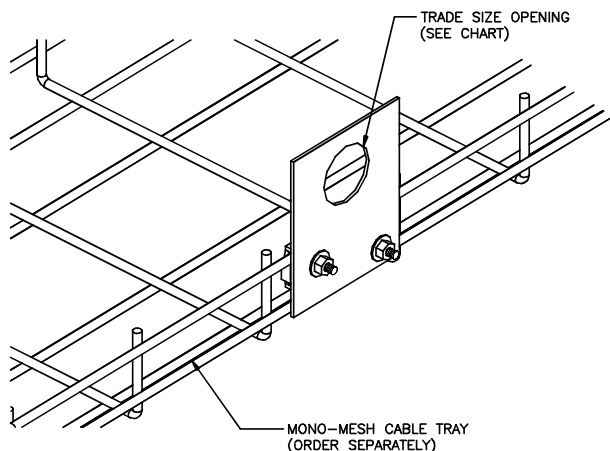
FILE: E80034
VOL.2

PART NUMBER	Use with Conduit Size
TM-CTA-.5	1/2″
TM-CTA-.75	3/4″
TM-CTA-1	1″
TM-CTA-1.5	1–1/2″
TM-CTA-2	2″
TM-CTA-2.5	2–1/2″
TM-CTA-3	3″

Additional size are available consult factory

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Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MM-CVR-XX-118

SOLID STRAIGHT COVER

Notes

1.) Use to protect tray contents from dirt and debris.

2.) Ordered as each. Cover material: 22ga galv. steel.

3.) To fasten cover in place, attach MM-CVR-CLP1 cover clip (ordered separately) to mesh longitudinal wire and press forward onto cover until clip locks into place. use at least (4) clips per tray section.

4.) Views for reference - do not scale.

ROTATE UNTIL LOCKED INTO PLACE

ENGAGE

COVER WIDTH

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FILE: E80034
VOL.2

MM-CVR-XX-118
MONO-MESH COVER

MM-CVR-CLP1
COVER CLIP
(ORDERED SEPARATELY)
SEE NOTE 3

MONO-MESH
(ORDERED SEPARATELY)

PART NUMBER	TRAY WIDTH	COVER WIDTH
MM-CVR-03-118	3"	3-13/16"
MM-CVR-06-118	6"	6-7/8"
MM-CVR-08-118	8"	8-7/8"
MM-CVR-10-118	10"	10-7/8"
MM-CVR-12-118	12"	12-7/8"
MM-CVR-16-118	16"	16-7/8"
MM-CVR-18-118	18"	18-7/8"
MM-CVR-20-118	20"	20-7/8"
MM-CVR-24-118	24"	24-7/8"
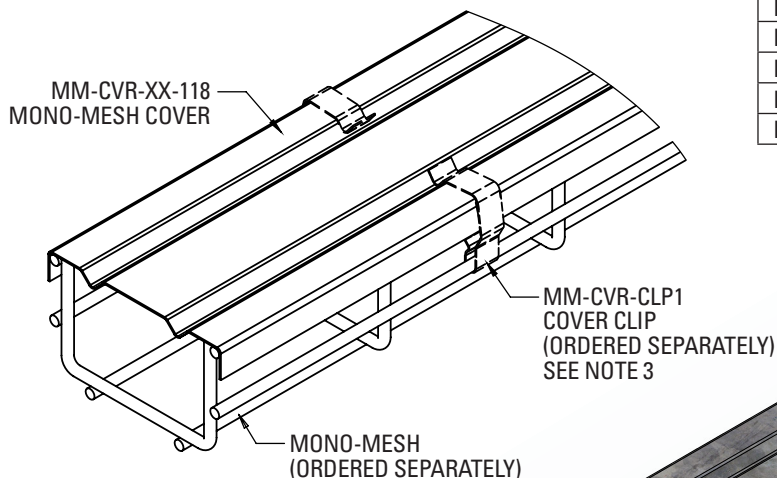
Cable Tray / Wire Mesh Basket Tray
MM-CVR-CLP1

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COVER CLIP

Notes

1.) Attach cover clip to mesh longitudinal wire and press forward onto cover until clip locks into place.

2.) Views for reference - do not scale.
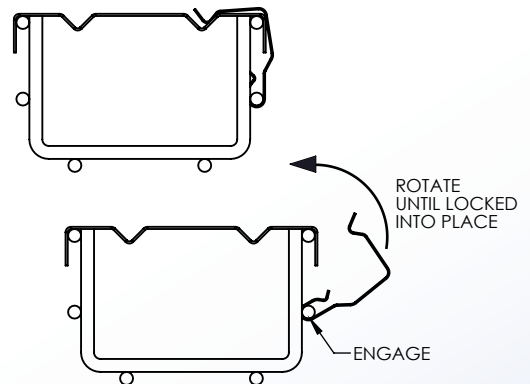
Material
0.025" X .5" T301SS Half-Hard.

1.15"
½"
77°
1.535"
.21

CLASSIFIED
c UL us
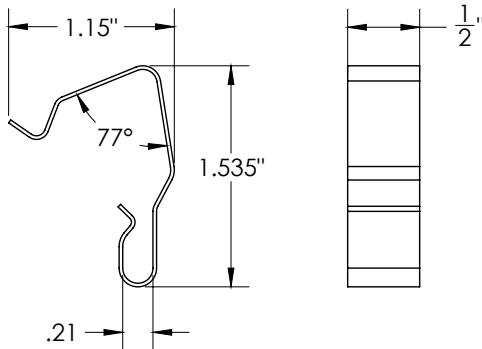
FILE: E80034
VOL.2

MONO-MESH COVER
(ORDERED SEPARATELY)
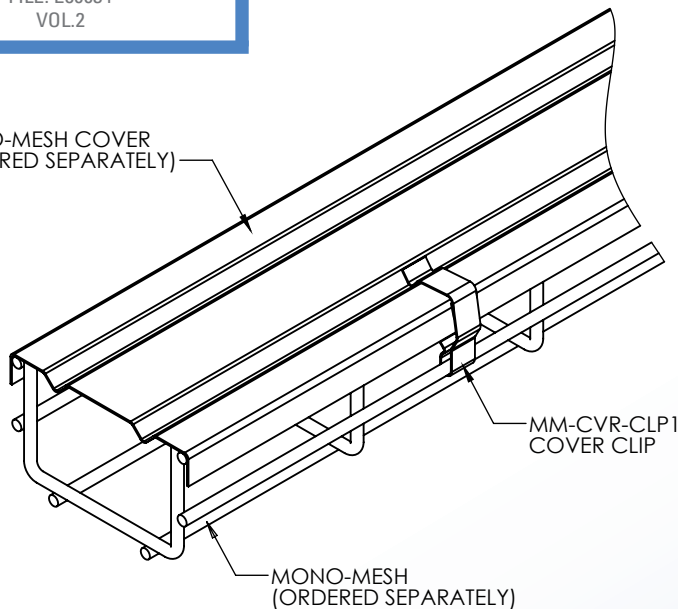
MM-CVR-CLP1
COVER CLIP

MONO-MESH
(ORDERED SEPARATELY)

ROTATE
UNTIL LOCKED
INTO PLACE

ENGAGE

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Cable Tray / Wire Mesh Basket Tray
MM-DIV-CLP1

MonoMesh™ Accessories
Manufactured in the USA by MonoSystems, Inc.

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DIVIDER ATTACHMENT CLIP

Notes

2.) Ordered as each. Use for the attachment of MM-DIV-STRX MonoMesh divider strips (ordered separately).

2.) To install: position MM-DIV-CLP1 divider attachment clips to mesh and capture around mesh wire by rotating clip 90°. Snap divider (ordered separately) downward into clips.

3.) Views for reference - do not scale.

1.967"

ROTATE

SEE NOTE 2

DIVIDER HEIGHT	MINIMUM DIVIDER CLIPS REQUIRED
2	4 PER TRAY SECTION
4	4 PER TRAY SECTION
6	5 PER TRAY SECTION

A

DETAIL A
SCALE 1 : 3

MM-DIV-STRX
MONO MESH DIVIDER
(ORDERED SEPARATELY)

MMX-XX-118 MONO MESH
(ORDERED SEPARATELY)

MM-DIV-CLP1
DIVIDER ATTACHMENT CLIPS
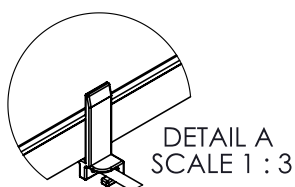
4 International Drive
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Phone: 914.934.2075
Fax: 914.934.2190
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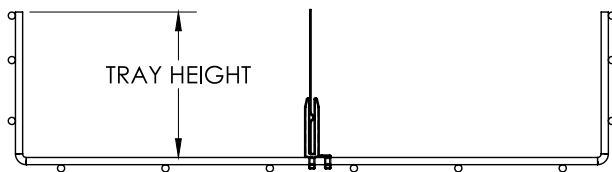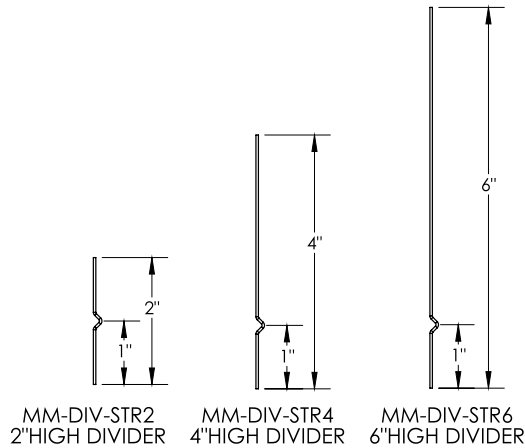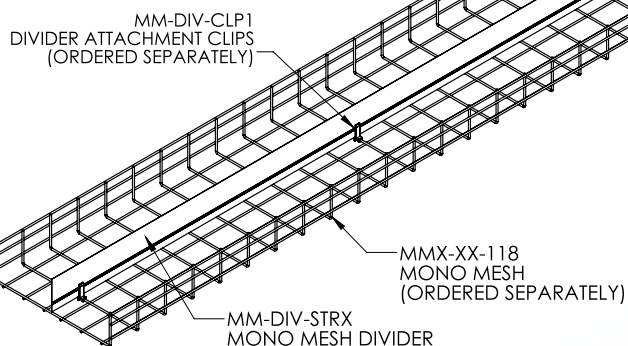
Cable Tray / Wire Mesh Basket Tray
MM-DIV-STRX

DIVIDER STRIP

Notes

1.) Ordered as each. Supplied in 10ft lengths. Use to create multiple compartments within a straight length of MonoMesh.

2.) To install: position MM-DIV-CLP1 divider attachment clips (ordered separately) to mesh and capture around mesh wire by rotating clip 90°. Snap divider downward into clips.

3.) Divider material: 22ga galv. steel.

4.) Views for reference - do not scale.

2"

1"

MM-DIV-STR2
2"HIGH DIVIDER

4"

1"

MM-DIV-STR4
4"HIGH DIVIDER

6"

1"

MM-DIV-STR6
6"HIGH DIVIDER

TRAY HEIGHT

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FILE: E80034
VOL.2

A

MM-DIV-CLP1
DIVIDER ATTACHMENT CLIPS
(ORDERED SEPARATELY)

MMX-XX-118
MONO MESH
(ORDERED SEPARATELY)

MM-DIV-STRX
MONO MESH DIVIDER

ORDERING DATA EXAMPLE:

MM-DIV-STR X

TRAY HEIGHT

2 = 2" HIGH
4 = 4" HIGH
6 = 6" HIGH

DIVIDER HEIGHT	MINIMUM MM-DIV-CPL1 DIVIDER CLIPS REQUIRED (ORDERED SEPARATELY)
2	4 PER TRAY SECTION
4	4 PER TRAY SECTION
6	5 PER TRAY SECTION

DETAIL A
SCALE 1 : 3
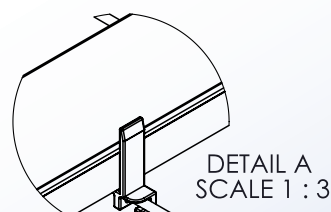
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Cable Tray / Wire Mesh Basket Tray
MM-DRP-X

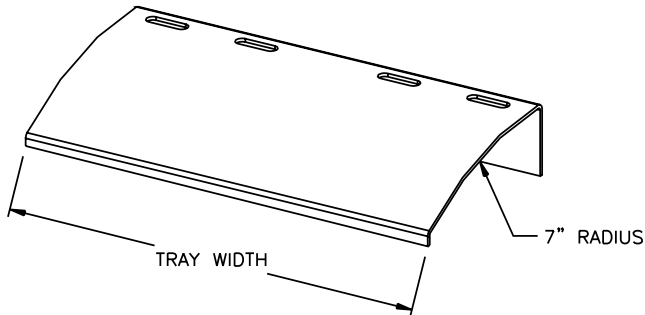## MonoMesh™ Accessories
Manufactured in the USA by MonoSystems, Inc.

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DROPOUT

Notes

1.) Radiused Dropout eliminates sharp bends in existing cables.

Material
Galvanized Steel.

TRAY WIDTH

7" RADIUS

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C (UL) US

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VOL.2

ATTACHMENT HARDWARE PROVIDED

Dropout Part Number	Use with Tray Width
MM-DRP-3	3"
MM-DRP-6	6"
MM-DRP-8	8"
MM-DRP-10	10"
MM-DRP-12	12"
MM-DRP-16	16"
MM-DRP-18	18"
MM-DRP-20	20"
MM-DRP-24	24"
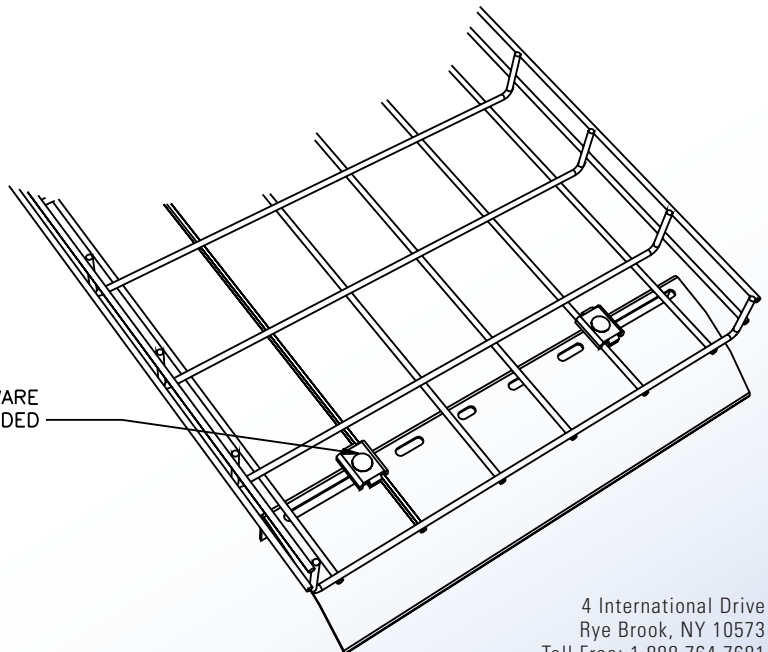
4 International Drive
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Cable Tray / Wire Mesh Basket Tray
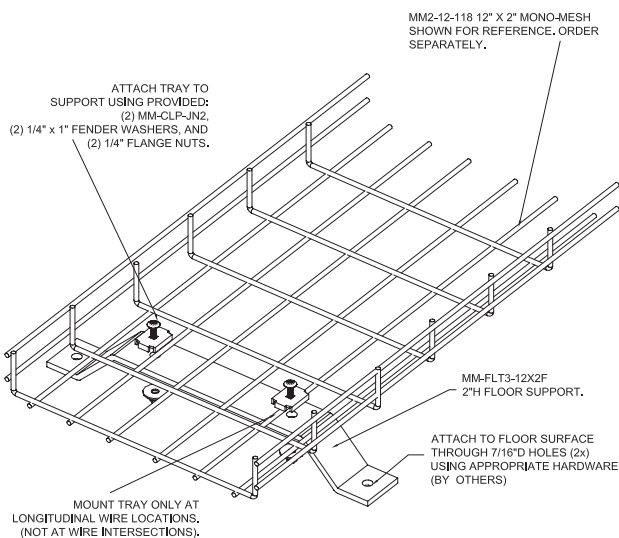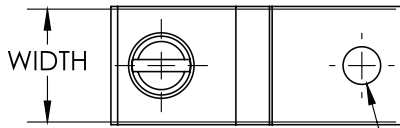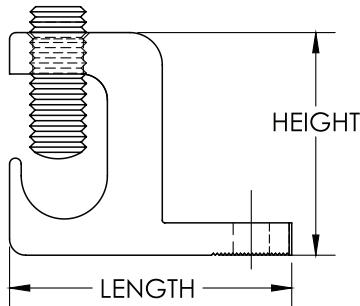# MM-FLT3-12X2F

MonoMesh™ Accessories

Manufactured in the USA by MonoSystems, Inc.

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2" HIGH FLOOR SUPPORT

Notes

1.) For 12" wide MonoMesh tray.

MM2-12-118 12" X 2" MONO-MESH SHOWN FOR REFERENCE. ORDER SEPARATELY.

ATTACH TRAY TO SUPPORT USING PROVIDED: (2) MM-CLP-JN2, (2) 1/4" x 1" FENDER WASHERS, AND (2) 1/4" FLANGE NUTS.

MM-FLT3-12X2F 2"H FLOOR SUPPORT.

ATTACH TO FLOOR SURFACE THROUGH 7/16"D HOLES (2x) USING APPROPRIATE HARDWARE (BY OTHERS)

MOUNT TRAY ONLY AT LONGITUDINAL WIRE LOCATIONS. (NOT AT WIRE INTERSECTIONS).

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c UL us

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VOL.2

Cable Tray
Z0-GC-XX

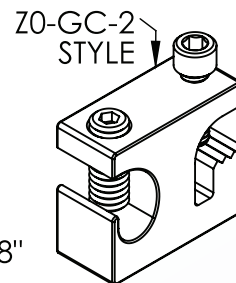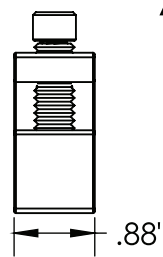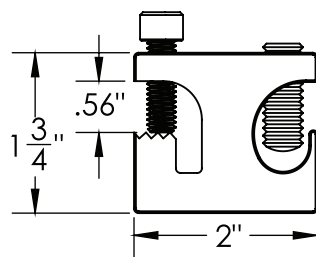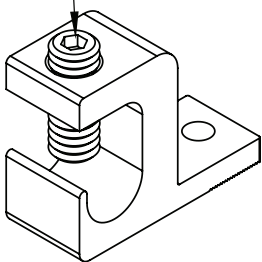**Buy American Act Compliant**

CABLE TRAY GROUNDING CLAMP LUGS

Notes:

1.) Sold as each.
   Refer to table for product details, mounting hardware
   Diameter and conductor range.

2.) Suitable for use with copper or aluminum conductor.

3.) Views for reference - do not scale
   Exact construction may vary depending on type selected.

4.) Torque value of wire grounding screw depends on conductor size.

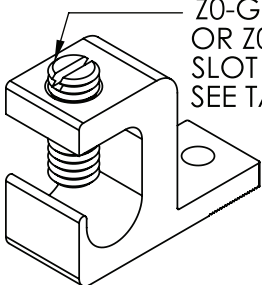5.) Clear mounting surface & remove any paint or coating
   (if applicable).

WIDTH

MOUNTING HOLE ⌀
MOUNTING HARDWARE (SUPPLIED)
TORQUE TO 5ft-lbs

HEIGHT

LENGTH

CERTIFIED CSA

UL c us LISTED

PART NUMBER	CONDUCTOR RANGE	MOUNTING HOLE ⌀	WIDTH	LENGTH	HEIGHT	MATERIAL	SCREW TYPE	SET SCREW SIZE
Z0-GC-4	#4 - #14AWG	⌀ .218"	0.385"	1.10"	0.80"	ELECTRO-TIN PLATED ALUMINUM	SLOT DRIVE	#10
Z0-GC-10	#1/0 - 14AWG	⌀ .281"	0.63"	1.63"	1.16"	ELECTRO-TIN PLATED ALUMINUM	SLOT DRIVE	1/4"
Z0-GC-250	250kcmil - #6AWG	⌀ .281"	0.88"	2.18"	1.72"	ELECTRO-TIN PLATED ALUMINUM	7/32" HEX	1/4"
Z0-GC-2	250kcmil - #6AWG	N/A	0.88"	2"	1.75"	ELECTRO-TIN PLATED ALUMINUM	1/4" HEX	1/4"

Z0-GC-250
HEX/ALLEN
DRIVE SCREW

1 3/4"
.56"
2"
.88"

Z0-GC-2
STYLE

CONDUCTOR SIDE

TRAY SIDE

ANTI-ROTATION SERRATIONS
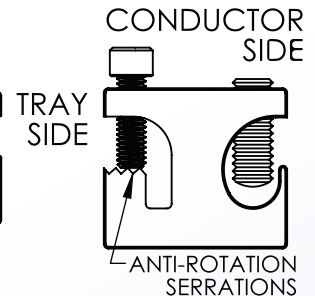
Z0-GC-4
OR Z0-GC-10
SLOT DRIVE SCREW
SEE TABLE

ORDERING DATA EXAMPLE:

Z0-GC-XX

WIRE GAUGE

4 = #4 - 14AWG
10 = #1/0 - 14AWG
250 = 250KCMIL - #6AWG
2 = 250KCMIL - #6AWG
(CABLE TRAY CLAMP MOUNT)

4 International Drive
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Phone: 914.934.2075
Fax: 914.934.2190
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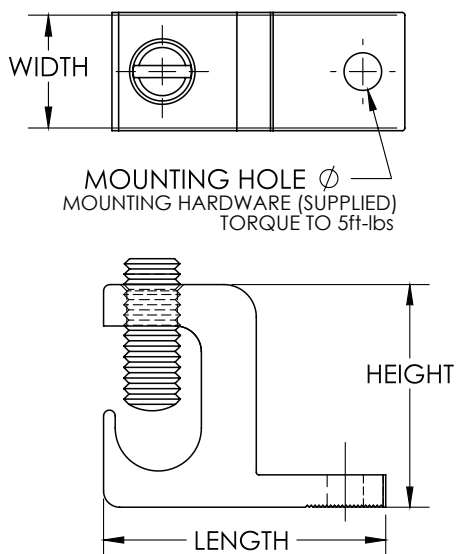### wire management. managed.

Cable Tray
Z0-GC-XX

CABLE TRAY GROUNDING CLAMP LUGS

Notes:

1.) Sold as each.
Refer to table for product details, mounting hardware Diameter and conductor range.

2.) Suitable for use with copper or aluminum conductor.

3.) Views for reference - do not scale
Exact construction may vary depending on type selected.

4.) Torque value of wire grounding screw depends on conductor size.

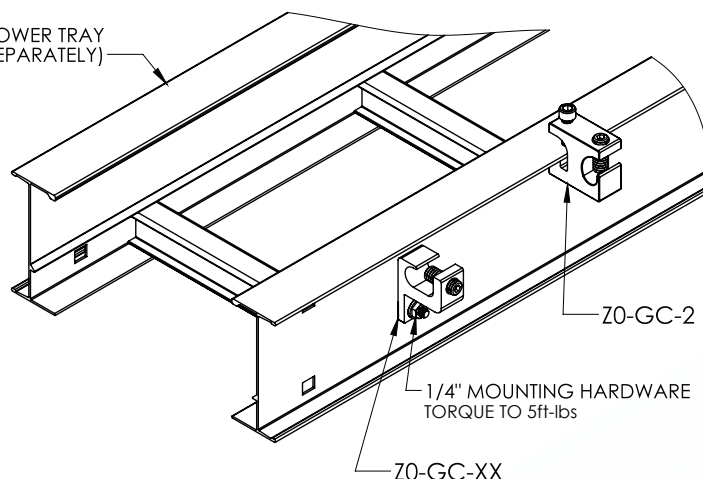5.) Clear mounting surface & remove any paint or coating (if applicable).

WIDTH

MOUNTING HOLE Ø
MOUNTING HARDWARE (SUPPLIED)
TORQUE TO 5ft-lbs

HEIGHT

LENGTH

ORDERING DATA EXAMPLE:

Z0-GC-XX

WIRE GAUGE
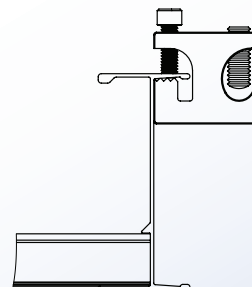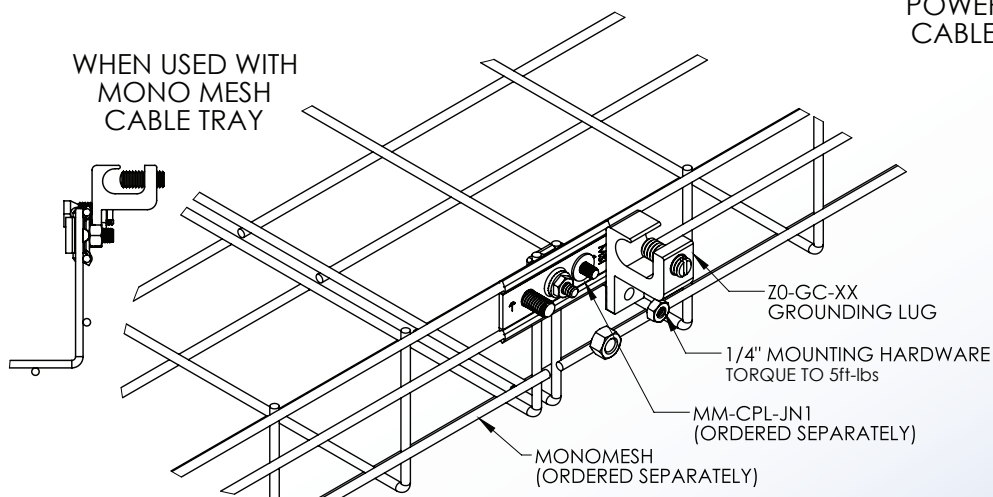
4 = #4 - 14AWG
10 = #1/0 - 14AWG
250 = 250KCMIL - #6AWG
2 = 250KCMIL - #6AWG
(CABLE TRAY CLAMP MOUNT)

POWER TRAY
(ORDERED SEPARATELY)

Z0-GC-2

1/4" MOUNTING HARDWARE
TORQUE TO 5ft-lbs

Z0-GC-XX

WHEN USED WITH
POWER TRAY
CABLE TRAY

WHEN USED WITH
MONO MESH
CABLE TRAY

Z0-GC-XX
GROUNDING LUG

1/4" MOUNTING HARDWARE
TORQUE TO 5ft-lbs

MM-CPL-JN1
(ORDERED SEPARATELY)

MONOMESH
(ORDERED SEPARATELY)

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems
wire management. managed.

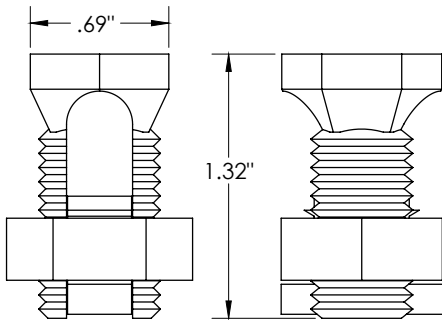# Cable Tray / Wire Mesh Basket Tray
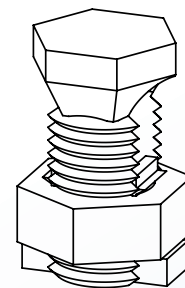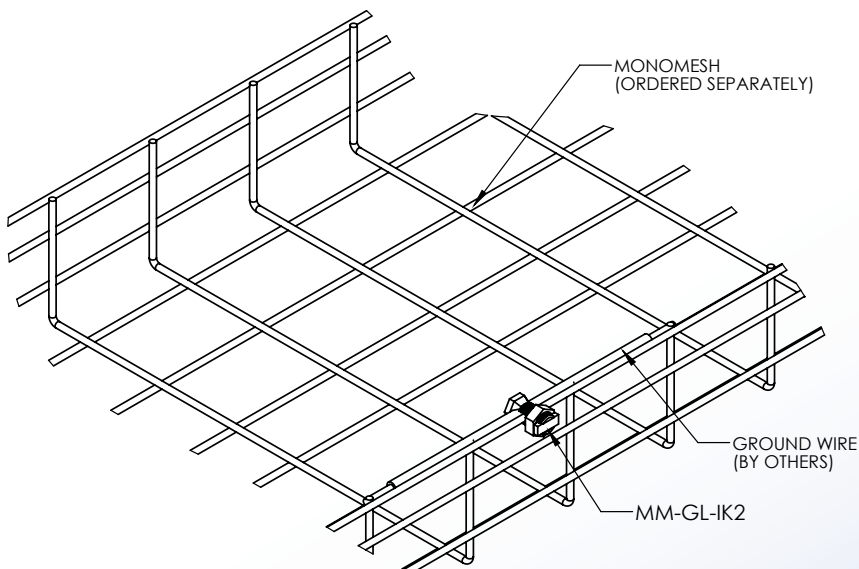# MM-GL-IK2

GROUNDING SPLIT BOLT

.69"

1.32"

Notes

1.) Each MM-GL-IK2 ordered separately.

2.) Assembly instructions: Attach grounding split bolt to outer mesh longitudinal wire capture wire (conductor size 2AWG-10AWG). Tighten nut to lock conductor wire in place against mesh wire.

3.) UL classified as an equipment ground conductor when used as recommended and mono-mesh coating (if applicable) has been completely removed at lug contact points.

4.) Voltage Rating: 600 Volts

5.) Views for reference - do not scale.

Material
High Strength Copper Alloy.

CLASSIFIED
c (UL) us

FILE: E80034
VOL.2

MONOMESH
(ORDERED SEPARATELY)

GROUND WIRE
(BY OTHERS)

MM-GL-IK2

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
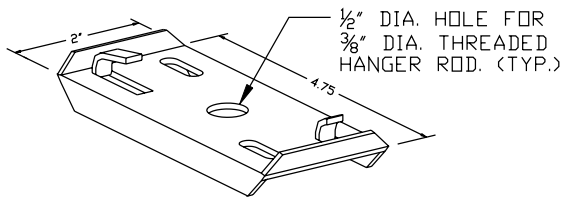wire management. managed.™
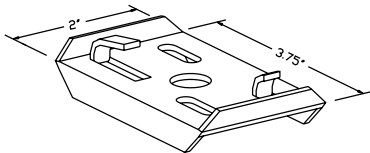
Cable Tray / Wire Mesh Basket Tray
MM-HNG-CCH1-3

MonoMesh™ Accessories
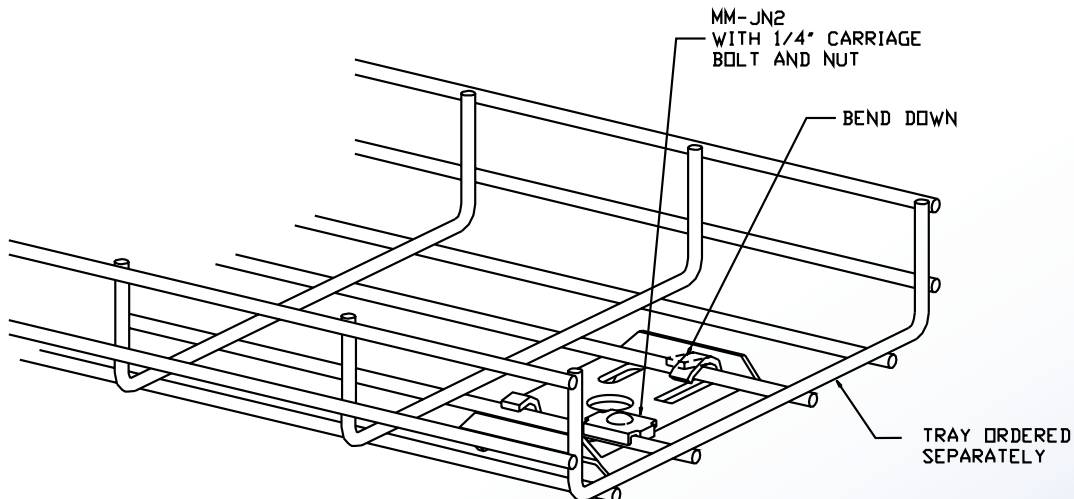### Manufactured in the USA by MonoSystems, Inc.

Buy American Act Compliant

CENTER HANGER SUPPORTS

Notes

1.) Center hanger allows tray to be suspended at a single point. This allows wiring to be "laid in" over the side, instead of pulled through.

Material
Zinc Plated Steel.

1.) MM-HNG-CCH1 FOR USE FOR 3" WIDE AND 8" WIDE MONO-MESH TRAYS.
2.) MM-HNG-CCH3 FOR USE FOR 6" WIDE AND 10" WIDE MONO-MESH TRAYS.

½" DIA. HOLE FOR ⅜" DIA. THREADED HANGER ROD. (TYP.)

2"
4.75"

P/N# MM-HNG-CCH3

2"
3.75"

P/N# MM-HNG-CCH1

MM-JN2 WITH 1/4" CARRIAGE BOLT AND NUT

BEND DOWN

TRAY ORDERED SEPARATELY

Cable Tray/Wire Mesh Basket Tray
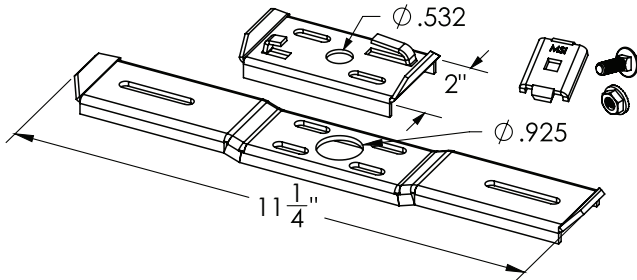# MM-HNG-CCH2

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.
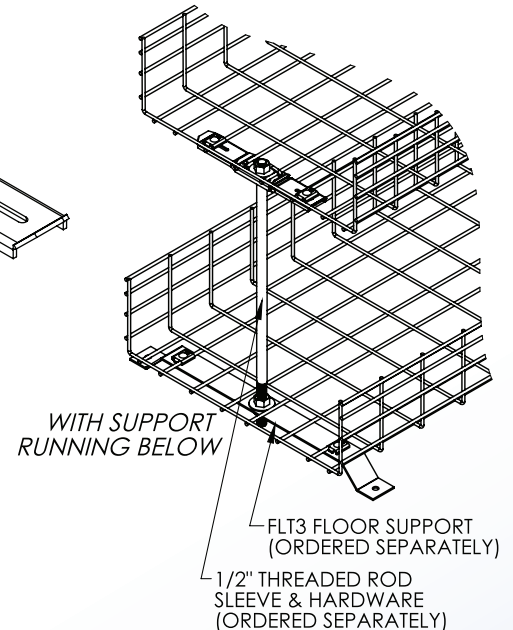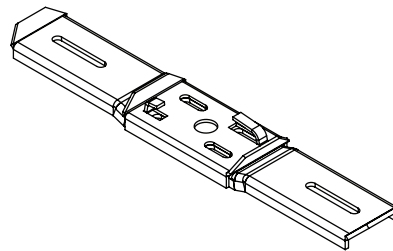
CENTER HANGER BRACKET
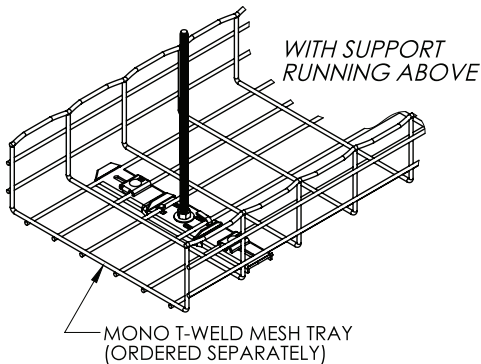
Each MM-HNG-CCH2 includes:
(1) 2-piece bracket with (1) MM-CPL-JN2 w/hardware

⌀ .532

2"

⌀ .925

11 $\frac{1}{4}$"

Notes:

For all mesh tray types over 10"wide

1.) Each MM-HNG-CCH2 ordered separately.

2.) Material: 12GA zinc plated steel.

3.) Allows tray to be mounted at a single point.

4.) For use with all mesh tray types over 10" wide.
   If supporting 3" or 8" wide mesh use P/N: MM-HNG-CCH1
   If supporting 6" or 10" wide mesh use P/N: MM-HNG-CCH3

5.) Views for reference - do not scale.

WITH SUPPORT RUNNING ABOVE

MONO T-WELD MESH TRAY
(ORDERED SEPARATELY)

1/2" THREADED
ROD & HARDWARE
(BY OTHERS)

BEND TABS
DOWN

STEP 1:

MESH TRAY
(ORDERED SEPARATELY)

STEP 2:

WITH SUPPORT RUNNING BELOW

FLT3 FLOOR SUPPORT
(ORDERED SEPARATELY)

1/2" THREADED ROD
SLEEVE & HARDWARE
(ORDERED SEPARATELY)

ALIGN AND ATTACH FLUSH
LOWER PORTION OF MM-HNG-CCH2
HANGER BRACKET
(1/2" HARDWARE AND ROD BY OTHERS)

ATTACH (1) MM-CPL-JN2 CLIP
USING 1/4-20 CARRIAGE BOLT & NUT
(PROVIDED)

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems
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Cable Tray / Wire Mesh Basket Tray
MM-JNR-X-XX

MonoMesh™ Accessories

Manufactured in the USA by MonoSystems, Inc.

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INNER RADIUS FOR MESH TRAY

Notes

1.) Each radius bracket includes MM-CPL-JN2 clips and 1/4" mounting hardware.

2.) Clips can be mounted on either side of wire mesh.

3.) Views for reference - do not scale.

Material

90° 1/2" Radius Bracket Material: 20GA Steel.

Installation Instructions

1.) Trim mesh as desired and abut, creating a 90° corner.

2. Place appropriate size MM-JNR-X-XX inside mesh at 90° corner.

3. Install 1/4" carriage bolt inside of slot of radius bracket as shown and capture with MM-CPL-JN2 and 1/4" serrated nut on other side of mesh wire.

4. Tighten nuts and align MM-JNR-X-XX into place as desired.

MONOMESH LOAD DEPTH

$1\frac{1}{2}$"

R1"

$1\frac{1}{2}$"

ORDERING DATA EXAMPLE:

MM-JNR-X-XX

TRAY SERIES	FITTING TYPE	LOAD DEPTH	MATERIAL
MM = MONOMESH	JNR = RADIUS BRACKET	2 = 2" 4 = 4" 6 = 6"	P = PREGALV. HD = STEEL HDGAF PB = PAINTED BLACK
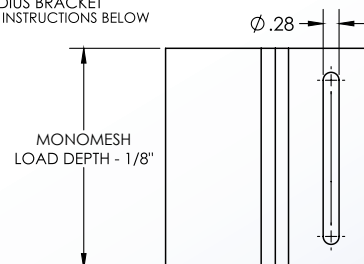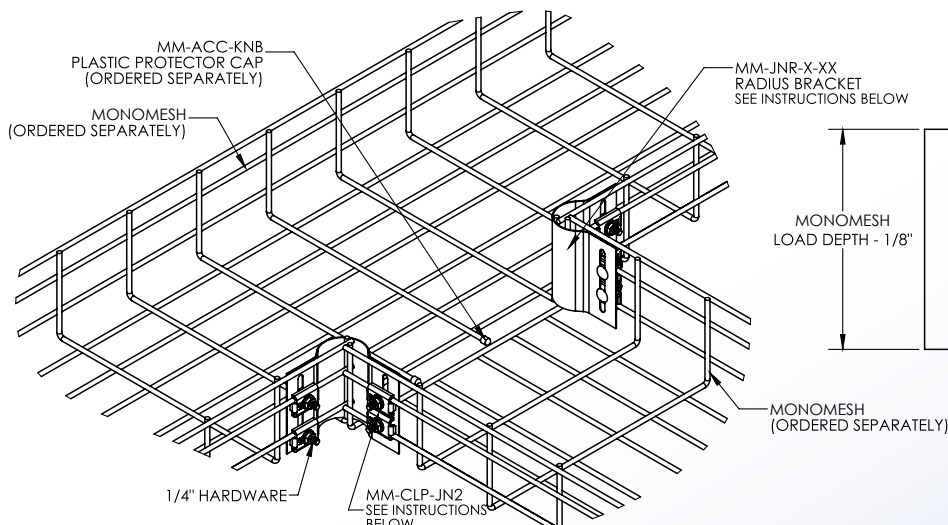
MM-ACC-KNB
PLASTIC PROTECTOR CAP
(ORDERED SEPARATELY)

MONOMESH
(ORDERED SEPARATELY)

1/4" HARDWARE

MM-CLP-JN2
SEE INSTRUCTIONS
BELOW

MM-JNR-X-XX
RADIUS BRACKET
SEE INSTRUCTIONS BELOW

Ø .28

MONOMESH
LOAD DEPTH - 1/8"

MONOMESH
(ORDERED SEPARATELY)

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems
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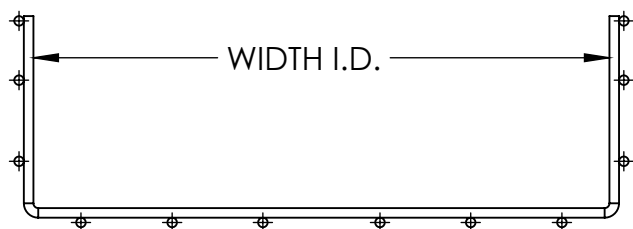
Cable Tray / Wire Mesh Basket Tray
MM-LP-XX

LANCING PLATE

Notes

1.) To install, slide tab valley under one end of wire and pivot part down. Bend tabs over the outer mesh wires to hold in place.

2.) UL classified as an equipment ground conductor when installed as recommended and coating (if applicable) has been completely removed at plate contact points.

3.) Views for reference - do not scale.

WIDTH I.D.

CLASSIFIED
C UL US

FILE: E80034
VOL.2

∅ .281 X 1.25" SLOTS TYP.

SEE NOTE 1

MONOMESH
(ORDERED SEPARATELY)
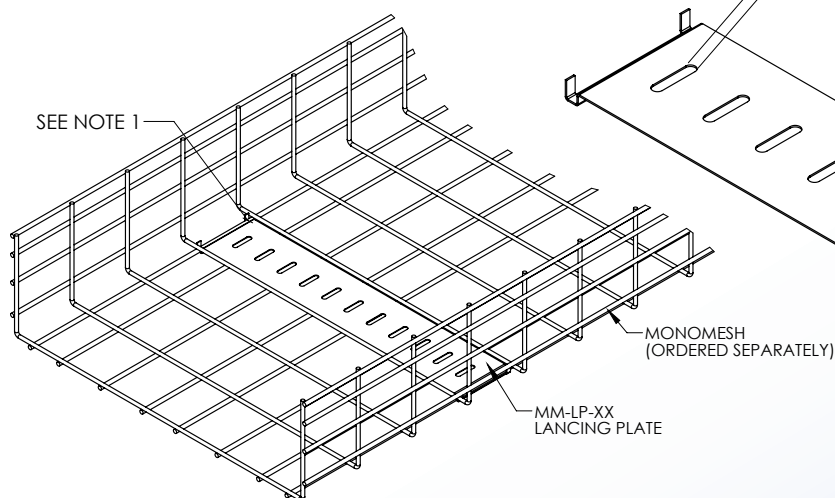
MM-LP-XX
LANCING PLATE

ORDERING DATA EXAMPLE:

MM-LP-XX

WIDTH

3 = 3" WIDE MESH
6 = 6" WIDE MESH
8 = 8" WIDE MESH
10 = 10" WIDE MESH
12 = 12" WIDE MESH
16 = 16" WIDE MESH
18 = 18" WIDE MESH
20 = 20" WIDE MESH
24 = 24" WIDE MESH

Cable Tray / Wire Mesh Basket Tray
MM-LSUP-XX-XX

MonoMesh™ Accessories
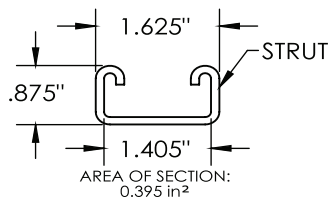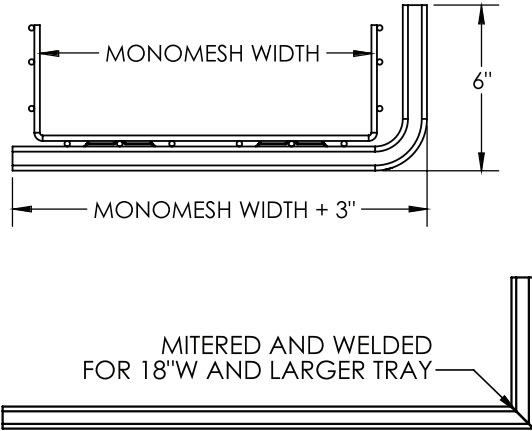### Manufactured in the USA by MonoSystems, Inc.

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L SUPPORT BRACKET

Notes:

1.) Ordered as each. For MonoMesh support.

2.) Bracket material: 7/8" x 1-5/8" 12GA steel.

3.) Attach clip to mesh longitudinal wire and press down until clip flanges locks into place on strut.

4.) Views for reference - do not scale.

Material:

3/16"x1-5/8" 14GA Steel.

MONOMESH WIDTH

6"

MONOMESH WIDTH + 3"

MITERED AND WELDED
FOR 18"W AND LARGER TRAY

CLASSIFIED c UL us

1.625"

.875"

1.405"

STRUT

AREA OF SECTION:
0.395 in²

MAX UNIFORM LOAD	
SAFETY FACTOR 2	
MM-LSUP-6	380 lbs
MM-LSUP-12	254 lbs
MM-LSUP-18	169 lbs
MM-LSUP-24	113 lbs
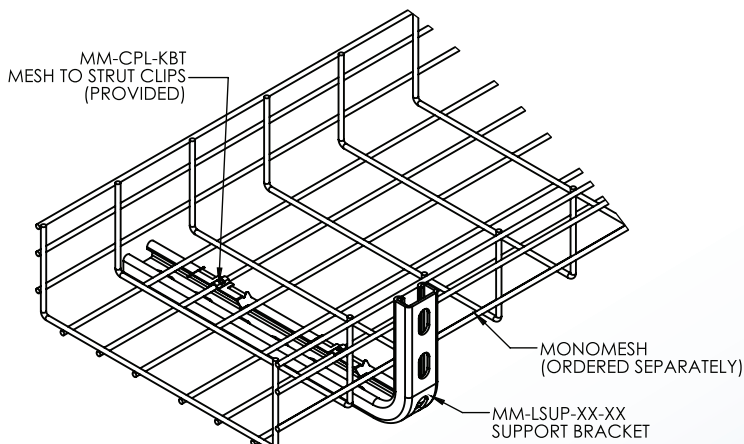
MM-CPL-KBT

(2.91")

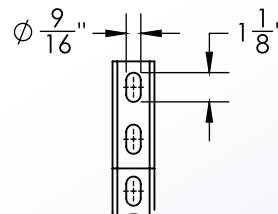(.63")

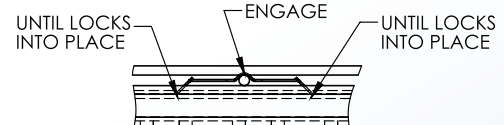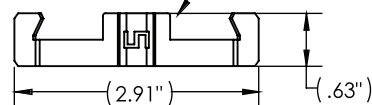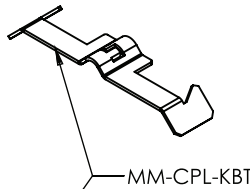## ORDERING DATA EXAMPLE:

MM-LSUP-XX-XX

MESH WIDTH

FORMED CORNER
3 = 3"
6 = 6"
8 = 8"
10 = 10"
12 = 12"

MITERED AND WELDED
16 = 16"
18 = 18"
20 = 20"
24 = 24"

MATERIAL

P = PREGALV.
HD = HDGAF
PG = PAINTED GRAY
PB = PAINTED BLACK

UNTIL LOCKS INTO PLACE

ENGAGE

UNTIL LOCKS INTO PLACE

Ø 9/16"

1 1/8"

MM-CPL-KBT
MESH TO STRUT CLIPS
(PROVIDED)

MONOMESH
(ORDERED SEPARATELY)

MM-LSUP-XX-XX
SUPPORT BRACKET

MonoSystems
### Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MM-SB

UNIVERSAL SPLICE BAR

Notes

1.) Can be formed to suit application as needed.

2.) To install: Place MM-SB adjacent to mesh on outside as shown. Attach MM-CPL-JN2 (ordered separately) to mesh wire and capture with 1/4-20 hardware (ordered separately) around mesh wire as shown.

3.) UL classified as an equipment ground conductor when attached to mesh as recommended, and coating (if applicable) has been completely removed at splice contact points.

4.) Views for reference - do not scale.

Material
16GA GALV. Steel. Each ordered separately.

36"

1 1/4"

CLASSIFIED
c (UL) us
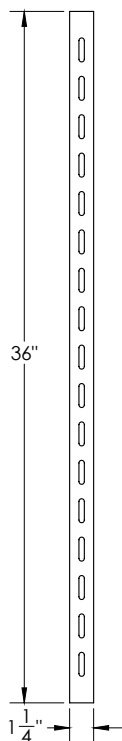
FILE: E80034
VOL.2

MM-SB - UNIVERSAL SPLICE BAR
WHEN USED WITH STRAIGHT TRAY

MM-CPL-JN2
(ORDERED SEPARATELY)
SEE NOTE 3

MMX-XX-118
MONO MESH TRAY
(ORDERED SEPARATELY)

MMX-HE90-XX
90° HORIZONTAL ELBOW
(ORDERED SEPARATELY)
ASSEMBLED BY OTHERS

MM-SB - UNIVERSAL SPLICE BAR
WHEN FORMED (BY OTHERS) AND USED
WITH A HORIZONTAL ELBOW

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

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Cable Tray / Wire Mesh Basket Tray
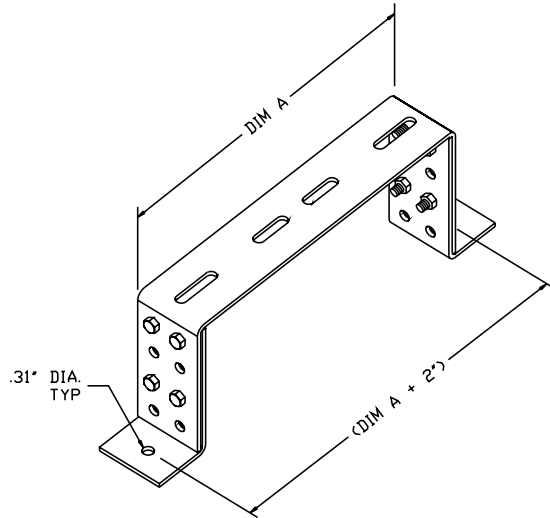# TM-SUP-FLR

FLOOR SUPPORT

DIM A

.31" DIA.
TYP

(DIM A + 2")

Notes

1.) Support tray up from floor.

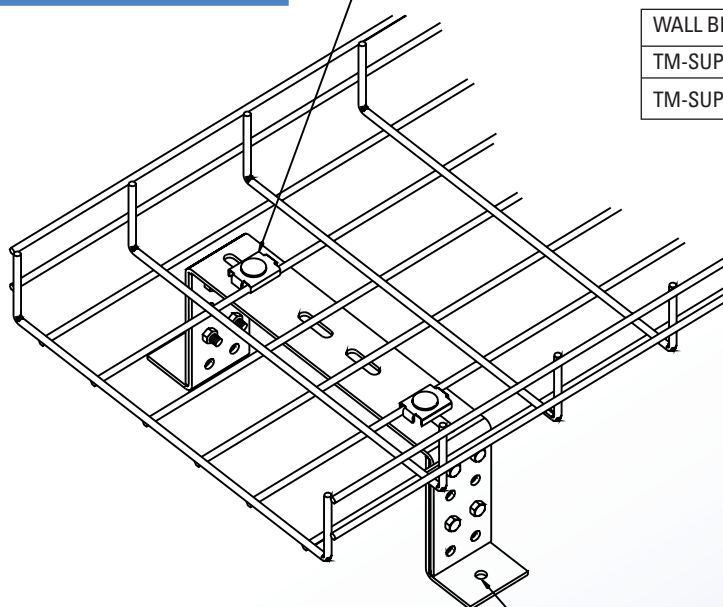2.) Field adjustable to three heights (4",5" & 6").

Material
Galvanized Steel.

CLASSIFIED
c (UL) us

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VOL.2

ATTACHMENT HARDWARE
AND TRAY ORDERED
SEPARATELY

MOUNTING HARDWARE
BY OTHERS

WALL BRACKET P/N	DIM 'A'	
TM-SUP-FLR1	9.75'	FOR USE WITH MONO-MESH UP TO 9' WIDE
TM-SUP-FLR2	16.75'	FOR USE WITH MONO-MESH OVER 9' WIDE

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MM-SUP-STN

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

STANCHION SUPPORT

STANCHION SUPPORTS
(BY OTHERS)

1/4-20 U-BOLT AND
HARDWARE (PROVIDED)

2.02"

1 5/8"

1 5/8"

MM-SUP-STN
STANCHION SUPPORT

22.688"

1 1/8"

2.3"

Notes:

1.) Support tray across 24" O.C. access floor stanchion supports.

2.) Install without modification to flooring system.

3.) Mount MonoMesh tray centered about support bracket. Attached using MM-CPL-JN2 clips (ordered separately).

4.) Views for reference - do not scale.
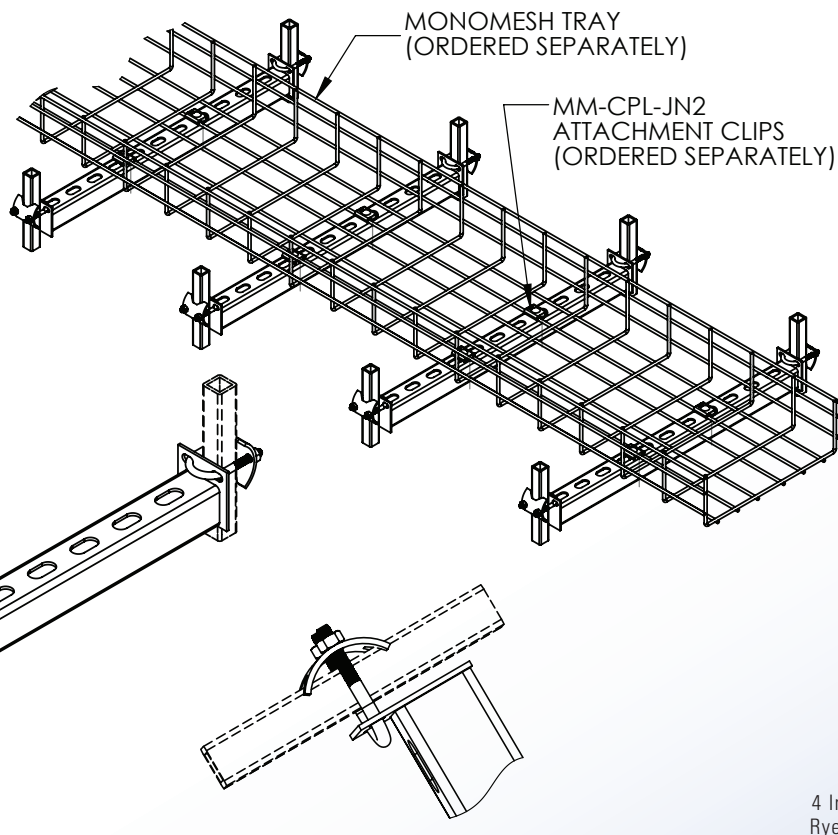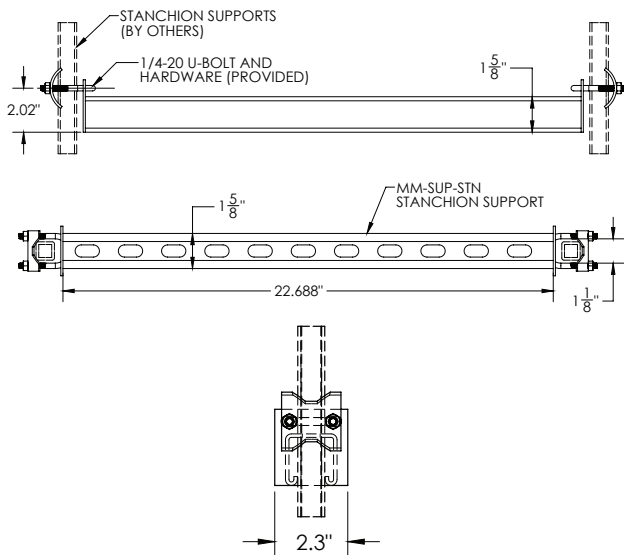
MONOMESH TRAY
(ORDERED SEPARATELY)

MM-CPL-JN2
ATTACHMENT CLIPS
(ORDERED SEPARATELY)

CLASSIFIED
c (UL) us

MonoSystems™
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Cable Tray / Wire Mesh Basket Tray
MM-SUP-UFL6

MonoMesh™ Accessories
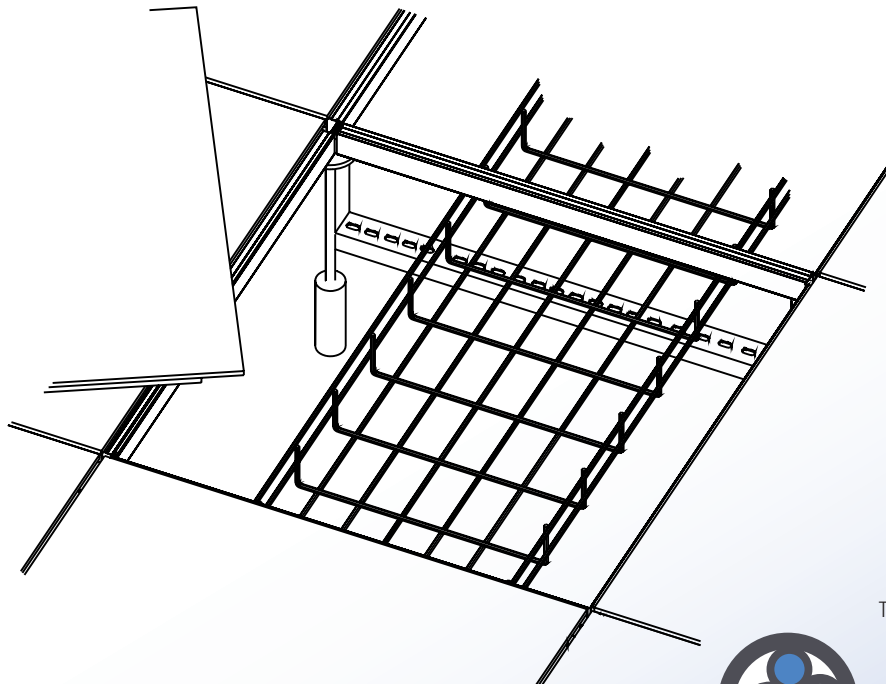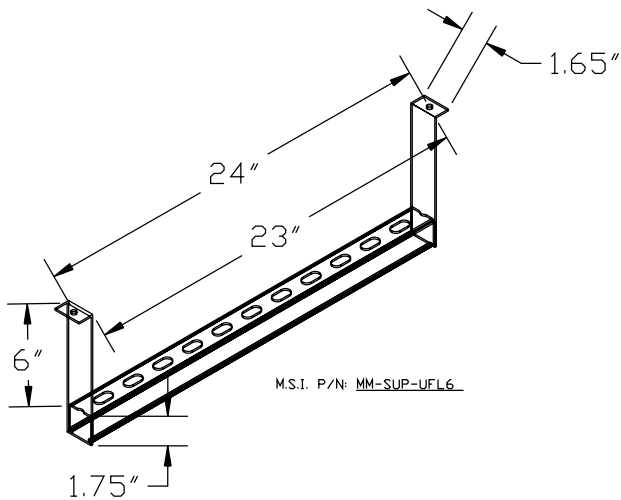**Manufactured in the USA by MonoSystems, Inc.**

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6" DEEP UNDER FLOOR SUPPORT

Notes

1.) Use with standard 24" stanchion spacing. Consult factory for floor stanchion compatibility.

Material
Galvanized Steel. Hardware ordered separately.

1.65"
24"
23"
6"
1.75"
M.S.I. P/N: MM-SUP-UFL6

Cable Tray / Wire Mesh Basket Tray
MM-WPC

CLASSIFIED
c **UL** us

FILE: E80034
VOL.2

WALL PENETRATING CONNECTOR

Notes

1) Wall penetrating connector for use when running MonoMesh through a wall or barrier.

ORDERING DATA EXAMPLE:

MM_-WPC-_ _

ENTER TRAY WIDTH

2 = 2″
4 = 4″
6 = 6″

ENTER WIDTH OF TRAY

3 = 3″
6 = 6″
8 = 8″
10 = 10″
12 = 12″
20 = 20″
24 = 24″
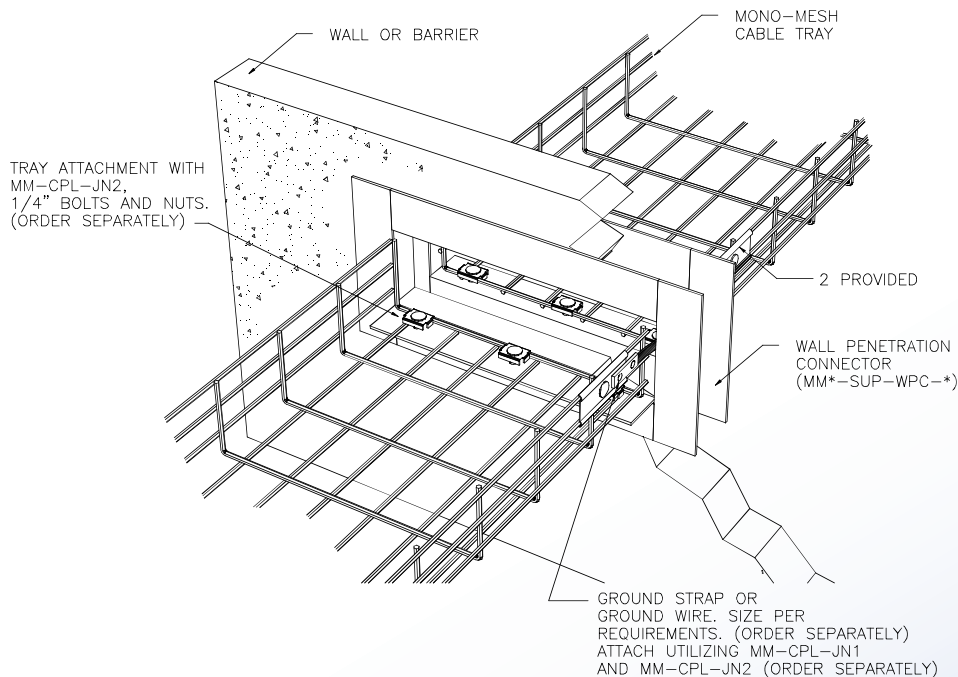
WALL OR BARRIER

MONO—MESH
CABLE TRAY

TRAY ATTACHMENT WITH
MM—CPL—JN2,
1/4″ BOLTS AND NUTS.
(ORDER SEPARATELY)

2 PROVIDED

WALL PENETRATION
CONNECTOR
(MM*—SUP—WPC—*)

GROUND STRAP OR
GROUND WIRE. SIZE PER
REQUIREMENTS. (ORDER SEPARATELY)
ATTACH UTILIZING MM—CPL—JN1
AND MM—CPL—JN2 (ORDER SEPARATELY)

Cable Tray / Wire Mesh Basket Tray
MM-X-TRP-X-X

MonoMesh™ Accessories
Manufactured in the USA by MonoSystems, Inc.

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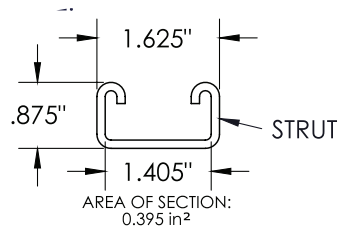## MONO-MESH STRUT TRAPEZE

TRAY WIDTH

TRAY WIDTH + 4"

UNTIL LOCKS INTO PLACE — ENGAGE — UNTIL LOCKS INTO PLACE

(2.91")   (.63")
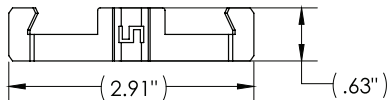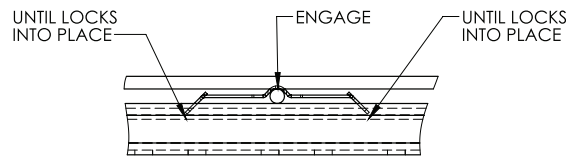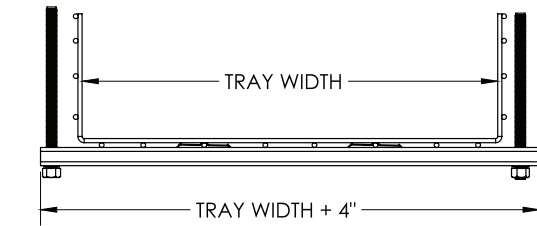
1.625"

.875"

1.405"

STRUT

AREA OF SECTION: 0.395 in²

CLASSIFIED
c UL us

Notes

1.) Ordered as each. For MonoMesh support.

2.) Strut material: 7/8" x 1-5/8" 12GA steel.

3.) Attach clip to mesh longitudinal wire and press down until clip flanges locks into place on strut.

4.) Threaded support rod and hardware (by others).

3.) Views for reference - Do not scale.

MAX. UNIFORM LOAD	
SAFETY FACTOR 2	
MM-X-TRP-6	1080 lbs
MM-X-TRP-8	970 lbs
MM-X-TRP-12	875 lbs
MM-X-TRP-18	750 lbs
MM-X-TRP-20	600 lbs
MM-X-TRP-24	530 lbs

ORDERING DATA EXAMPLE:

MM - X - TRP X X

SERIES	MATERIAL	SIZE	PAINT OPTION
MM = MONO-MESH	P = PREGALV.	3 = 8"	BLANK = NO PAINT
	HD = HDGAF	6 =10"	G = GREY
		8 = 12"	B = BLACK
		10 = 14"	W = WHITE
		12 = 16"	Y = YELLOW
		16 = 20"	R = RED
		18 = 22"	* = CUSTOM PAINT
		20 = 24"	
		24 = 28"	

TRAY WIDTH   PART LENGTH

MM-CPL-KBT MESH TO STRUT CLIP (2 PROVIDED)

3/8" or 1/2" THREADED ROD (BY OTHERS)

STRUT

3/8" or 1/2" HARDWARE (BY OTHERS)
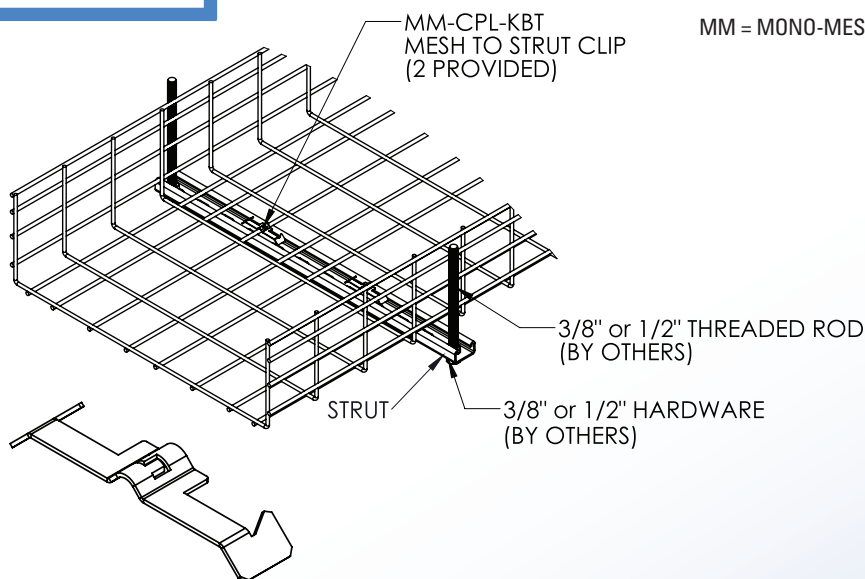
MonoSystems™
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Cable Tray / Wire Mesh Basket Tray
MM-DRPFO-XX-XX

FIBER OPTIC CABLING DROP-OUT PLATE, MONOMESH
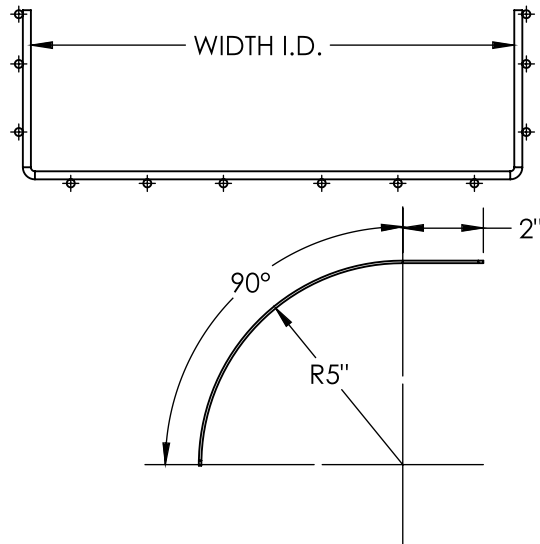
Notes

1.) Material: 16ga steel. ordered as each, includes mounting hardware. install anywhere along bottom length of tray.

2.) To install, position under mesh wire, align carriage bolt holes, and capture mesh wire with MM-CPL-JN2 and 1/4" hardware as shown.

3.) UL classified as an equipment ground conductor when installed as recommended and coating (if applicable) has been completely removed at plate contact points.

4.) Views for reference - do not scale..

WIDTH I.D.

2"

90°

R5"

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c UL us

FILE: E80034
VOL.2

MONOMESH
(ORDERED SEPARATELY)

WHEN INSTALLED TO DROP
CABLES OUT WITHIN TRAY LENGTH

MM-DRPFO-XX-XX
DROP-OUT PLATE, FIBER OPTIC

MM-CPL-JN2 &
1/4" HARDWARE
(PROVIDED)

MM-DRPFO-XX-XX
DROP-OUT PLATE, FIBER OPTIC

WHEN INSTALLED TO DROP
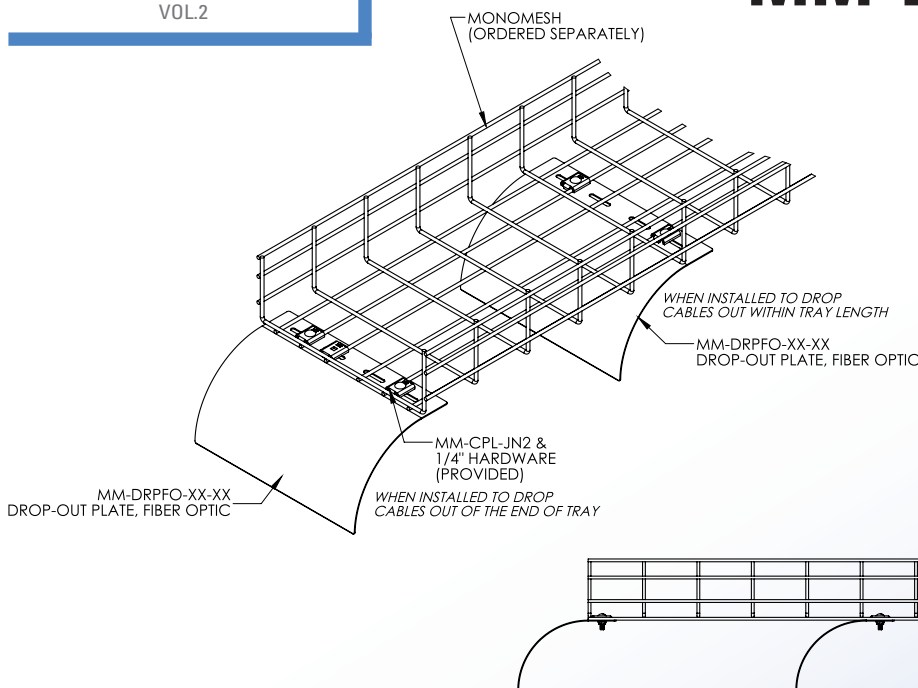CABLES OUT OF THE END OF TRAY

ORDERING DATA EXAMPLE:

MM-DRPFO- XX - XX

MESH WIDTH

03 = 3" WIDE MESH
06 = 6" WIDE MESH
08 = 8" WIDE MESH
10 = 10" WIDE MESH
12 = 12" WIDE MESH
16 = 16" WIDE MESH
18 = 18" WIDE MESH
20 = 20" WIDE MESH
24 = 24" WIDE MESH

MATERIAL

P = PREGALV.
HD = HDGAF
PG = PAINTED GRAY
PB = PAINTED BLACK

# Cable Tray / Wire Mesh Tray
UIBB System

Buy American Act Compliant

UNIVERSAL I-BEAM BRACKET

Notes

1.) Ordered as one clamp assembly. Includes 1/4" bracket assembly hardware.
2.) Bracket material: 12ga steel.
3.) Views for reference - Do not scale.

Installation Instructions

1.) To install, align clamps on existing I-beam (by others) and install 1/4" hex bolts. Capture on other end with 1/4" NYLOC nuts.
2.) Apply LOCTITE (by others) and tighten provided 1/4" set screws to secure bracket to I-beam.
3.) Mount WIRE MESH TRAY (ordered separately) to clamp brackets using MM-CPL-KBT mounting clips (ordered separately) no hardware required. Center clip on wire of mesh and press down until clip flanges lock into plate on flanges of bracket mounting slot.

12" - 24" TRAY WIDTH CONFIGURATION

6" - 9" TRAY WIDTH CONFIGURATION
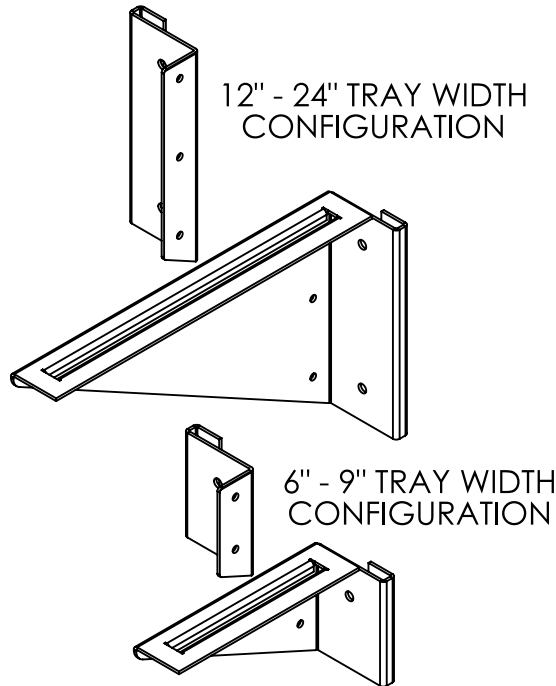
ORDERING DATA EXAMPLE:

UIBB X - XX - XX - X

I-BEAM MOUNTING FLANGE THICKNESS	TRAY WIDTH	MATERIAL	I-BEAM WIDTH
1 = 0.070 - 0.155	06 = FOR 6" WIDE TRAY	HD = HOT DIPPED GALV. STEEL	5.5 = 5.5" WIDE
2 = 0.160 - 0.245	09 = FOR 9" WIDE TRAY	P = PREGALV. STEEL	6 = 6" WIDE
3 = 0.250 - 0.335	12 = FOR 12" WIDE TRAY	SS = STAINLESS STEEL	6.25 = 6.25" WIDE
4 = 0.340 - 0.425	18 = FOR 18" WIDE TRAY		7 = 7" WIDE
5 = 0.430 - 0.515	24 = FOR 24" WIDE TRAY		8 = 8" WIDE

*CUSTOM SIZES AND CONFIGURATIONS AVAILABLE, SPEAK WITH MONOSYSTEMS TO CHOOSE

IBEAM MOUNTING FLANGE THICKNESS

1/4-20 HARDWARE INCLUDED

3/4"

.40"

I-BEAM WIDTH

1"

TRAY WIDTH + 2"

UIBBX-XX-XX-X I-BEAM BRACKET

I-BEAM (BY OTHERS)
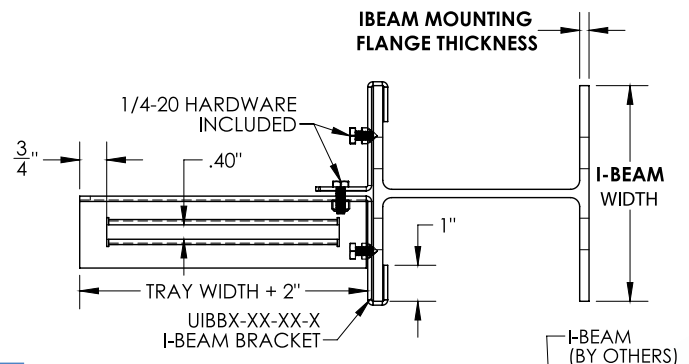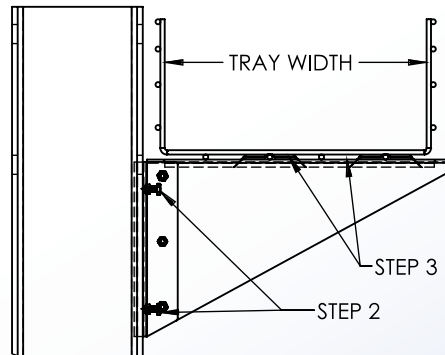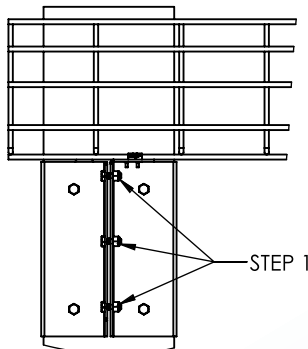
MM-CPL-KBT MOUNTING CLIPS (ORDERED SEPARATELY)

MONO MESH (ORDERED SEPARATELY)
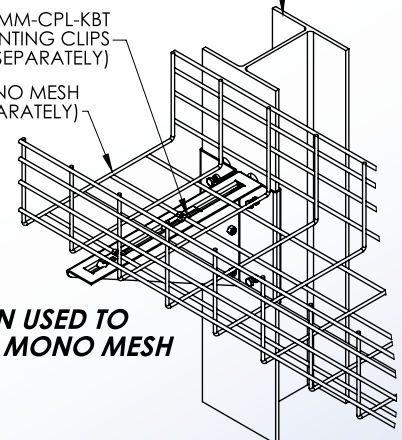
WHEN USED TO MOUNT MONO MESH

STEP 1

TRAY WIDTH

STEP 3

STEP 2

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

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Cable Tray / Wire Mesh Basket Tray
MM-DIV-STRLX

L-STYLE DIVIDER

MESH HEIGHT

TRAY HEIGHT

$\frac{3}{4}$"

Notes

1.) Ordered as each. Supplied in 10ft sections. Use to create multiple compartments within a straight length of solid bottom mono mesh.

2.) Attach MM-DIV-STRLX l-style divider to MM-XX-SFI solid flat insert or MMX-XX-SBI solid bottom insert (each ordered separately) installed in mono mesh. Position as desired.

3.) Install divider using tek screws, rivets, or machine screws.

4.) Divider material: galv. steel.

5.) Views for reference - do not scale.

ORDERING DATA EXAMPLE:

MM-DIV-STRL X

MESH HEIGHT

2 = 2" HIGH
4 = 4" HIGH
6 = 6" HIGH

MM-DIV-STRL-X
MONO MESH L-STYLE DIVIDER

MONO-MESH
(ORDERED SEPARATELY)

MM-X-SFI
MONO MESH SOLID FLAT INSERT
(ORDERED SEPARATELY)

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Fax: 914.934.2190
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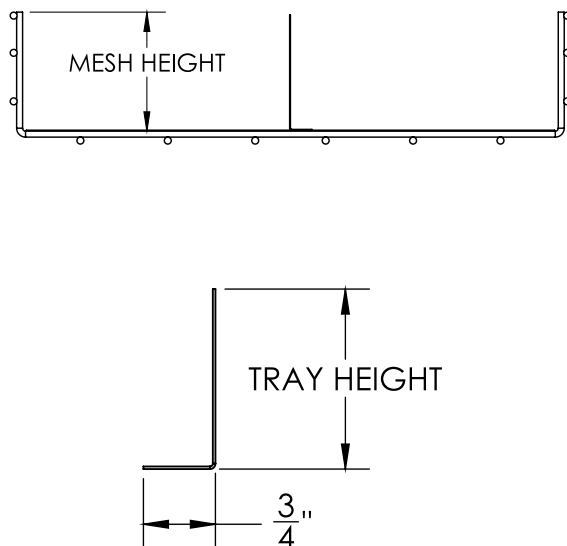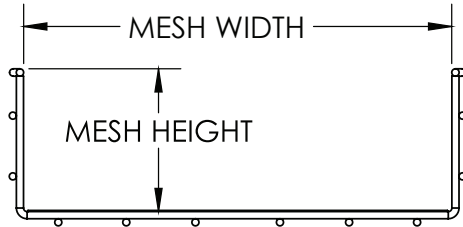
Cable Tray / Wire Mesh Basket Tray
MM-XX-SFI

SOLID FLAT INSERT

MESH WIDTH

MESH HEIGHT

CLASSIFIED c(UL)us

Notes:

1.) Ordered as each. Use to create a solid flat bottom surface within a straight length of MonoMesh.

2.) 120" Length standard.

3.) Pre-galv. material: 22GA G90 steel.

4.) For solid bottom divider (not shown) see part number MM-DIV-STRLX (ordered separately).

5.) For solid bottom insert with side flanges see part number MMX-XX-SBI (ordered separately).

6.) Views for reference. Do not scale.

Installation Instructions:

1.) Place solid bottom insert within mesh cable tray.

2.) If desired, the inlays can be field-drilled and coupled to the mesh using MM-CPL-JN2 connectors, Ø1/4" round head machine screws, and serrated flange hex nuts (all ordered separately use (4) of each per tray). The inlays can also be field-drilled and coupled to the mesh using cable ties (by others).

ORDERING DATA EXAMPLE:

MM-XX-SFI-XX

MESH WIDTH

3 = 3" WIDE
6 = 6" WIDE
8 = 8" WIDE
10 = 10" WIDE
12 = 12" WIDE
16 = 16" WIDE
18 = 18" WIDE
20 = 20" WIDE
24 = 24" WIDE
36 = 36" WIDE

FINISH OPTIONS:

LEAVE BLANK = PRE-GALV. STEEL
PB = PAINTED BLACK
PR = PAINTED RED
PW = PAINTED WHITE
PY = PAINTED YELLOW
SS34 = 304 STAINLESS STEEL
(USED FOR HDGAF TRAY)

120" STANDARD

MONO-MESH (ORDERED SEPARATELY)

MMX-XX-SFI MONO MESH SOLID BOTTOM FLAT INSERT

MM-CPL-JN2
1/4-20 X 3/4" SLOT ROUND HD MACHINE SCREWS
1/4-20 SERRATED FLANGED NUT (ORDERED SEPARATELY)

DRILL Ø9/32" HOLE 9/32" FROM CENTER OF CONNECTING WIRE

CABLE TIE (BY OTHERS) DRILL HOLES ON EACH SIDE OF MESH WIRE

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
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Cable Tray / Wire Mesh Basket Tray
MM-XX-SBI

MonoMesh™ Accessories
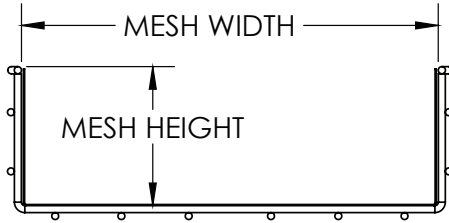**Manufactured by MonoSystems, Inc.**

MESH WIDTH

MESH HEIGHT

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SOLID BOTTOM INSERT WITH SIDE FLANGES

Notes:

1.) Ordered as each. Use to create a solid surface within inner walls and bottom of straight length MonoMesh or Mono T-Weld Mesh.

2.) 120" Length standard.

3.) Pre-galv. material: 22GA G90 steel.

4.) For solid bottom divider (not shown) see part number MM-DIV-STRLX (ordered separately).

5.) For solid flat insert without side flanges see part number MM-XX-SFI (ordered separately.)

6.) Views for reference. Do not scale.

Installation Instructions:

1.) Place solid bottom insert within mesh cable tray.

2.) If desired, the inlays can be field-drilled and coupled to the mesh using MM-CPL-JN2 connectors, Ø1/4" round head machine screws, and serrated flange hex nuts (all ordered separately use (4) of each per tray). The inlays can also be field-drilled and coupled to the mesh using cable ties (by others).

ORDERING DATA EXAMPLE:

MM X - XX - SBI - XX

MESH HEIGHT
2 = 2" HIGH
4 = 4" HIGH
6 = 6" HIGH

MESH WIDTH
3 = 3" WIDE
6 = 6" WIDE
8 = 8" WIDE
10 = 10" WIDE
12 = 12" WIDE
16 = 16" WIDE
18 = 18" WIDE
20 = 20" WIDE
24 = 24" WIDE
36 = 36" WIDE

FINISH OPTIONS:
LEAVE BLANK = PRE-GALV. STEEL
PB = PAINTED BLACK
PR = PAINTED RED
PW = PAINTED WHITE
PY = PAINTED YELLOW
SS34 = 304 STAINLESS STEEL
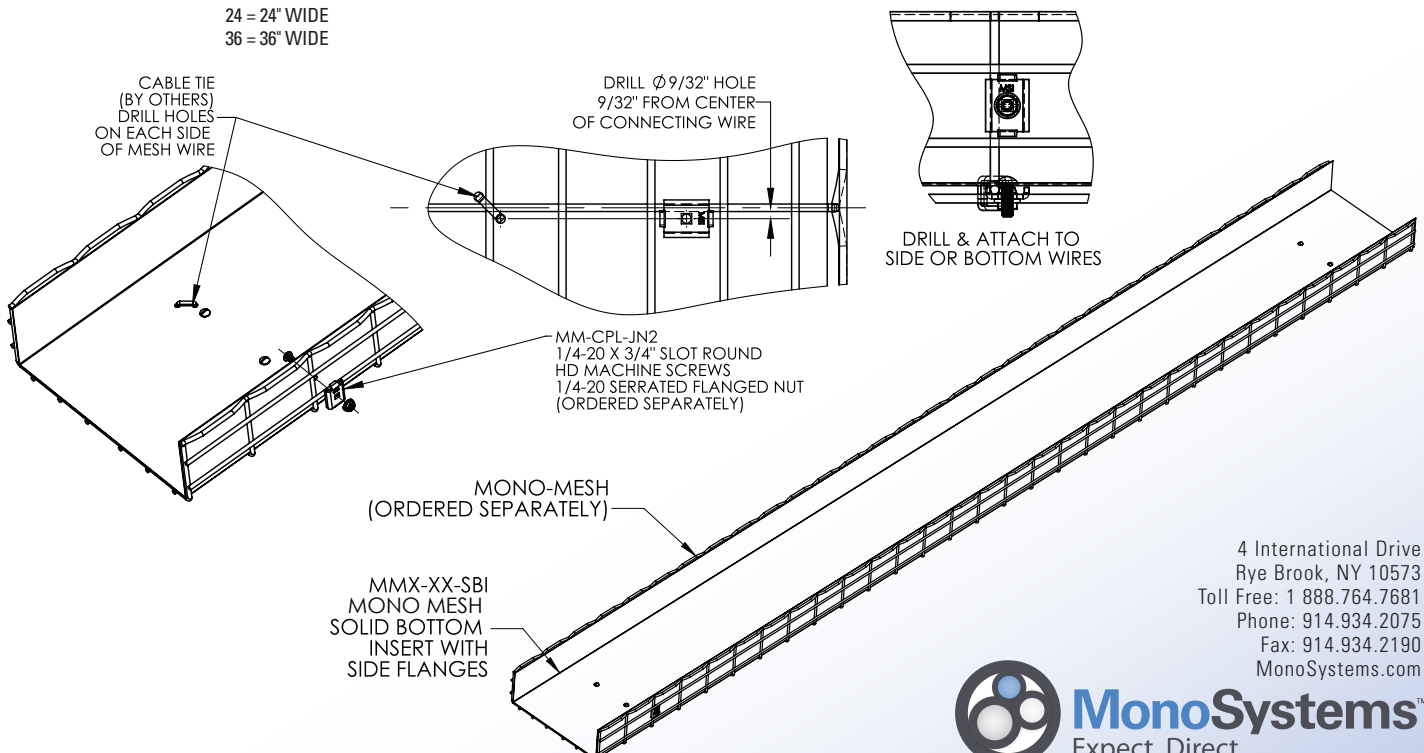(USED FOR HDGAF TRAY)

CABLE TIE
(BY OTHERS)
DRILL HOLES
ON EACH SIDE
OF MESH WIRE

DRILL Ø9/32" HOLE
9/32" FROM CENTER
OF CONNECTING WIRE

DRILL & ATTACH TO
SIDE OR BOTTOM WIRES

MM-CPL-JN2
1/4-20 X 3/4" SLOT ROUND
HD MACHINE SCREWS
1/4-20 SERRATED FLANGED NUT
(ORDERED SEPARATELY)

MONO-MESH
(ORDERED SEPARATELY)

MMX-XX-SBI
MONO MESH
SOLID BOTTOM
INSERT WITH
SIDE FLANGES

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Cable Tray / Wire Mesh Basket Tray
MM-SUP-FLR-XXHXXW
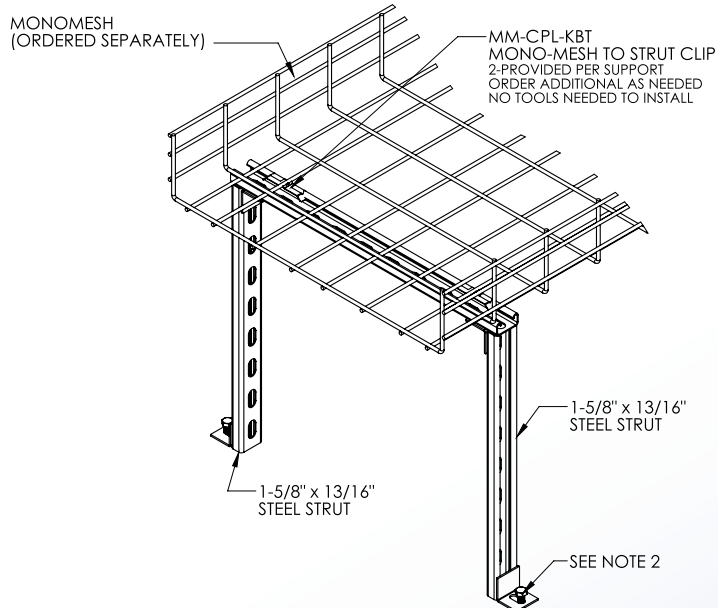
1-TIER ELEVATED MESH TRAY SUPPORT

Notes

1.) Fixed support assembly: Hot-dipped galv. after fab.

2.) Mount assembly to floor using 3/8" hardware (by others).

3.) Views for reference - do not scale.

WIDTH

HEIGHT

WIDTH + 3"

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MONOMESH
(ORDERED SEPARATELY)

MM-CPL-KBT
MONO-MESH TO STRUT CLIP
2-PROVIDED PER SUPPORT
ORDER ADDITIONAL AS NEEDED
NO TOOLS NEEDED TO INSTALL

1-5/8" x 13/16"
STEEL STRUT

1-5/8" x 13/16"
STEEL STRUT

SEE NOTE 2
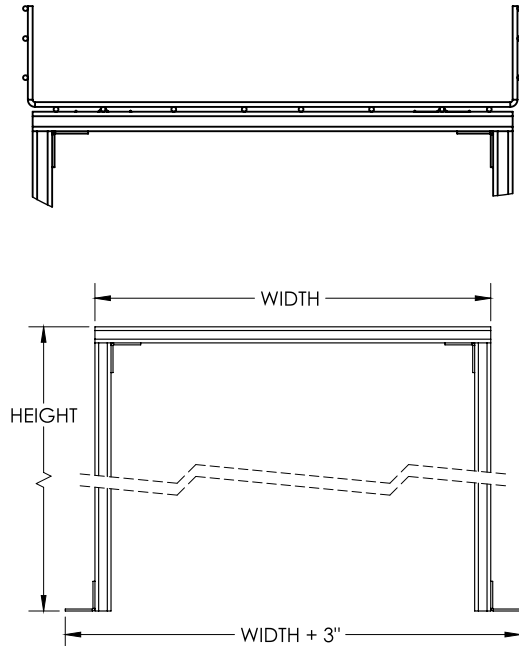
ORDERING DATA EXAMPLE:

MM-SUP-FLR-XXHXXW

HEIGHT

03 = 3" HIGH	
05 = 5" HIGH	
08 = 8" HIGH	
10 = 10" HIGH	
12 = 12" HIGH	
14 = 14" HIGH	
18 = 18" HIGH	
20 = 20" HIGH	
22 = 22" HIGH	
24 = 24" HIGH	

WIDTH

3 = FOR 3" WIDE MESH
6 = FOR 6" WIDE MESH
8 = FOR 8" WIDE MESH
10 = FOR 10" WIDE MESH
12 = FOR 12" WIDE MESH
16 = FOR 16" WIDE MESH
18 = FOR 18" WIDE MESH
20 = FOR 20" WIDE MESH
24 = FOR 24" WIDE MESH

*SIZES NOT SHOWN CAN
BE CREATED, SPEAK WITH
MONOSYSTEMS TO CHOOSE.

Cable Tray / Wire Mesh Basket
MM-CPL-JN2- XX

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

MONOMESH ATTACHMENT CLIP

Notes:

1.) Each MM-CPL-JN2 ordered separately.

2.) Used to attach MonoMesh cable tray.
Install around wire and feed a 1/4-20 carriage bolt (ordered separately) thru hole. Capture on other side of mesh, strut, or clip with a washer and serrated nut (all ordered separately).

2.) Manufactured and tested in conformance with NEMA VE-1 standards.

3.) UL Classified as an equipment ground conductor when spliced as recommended and coating (if applicable) has been completely removed at splice contact points.

4.) Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-m].
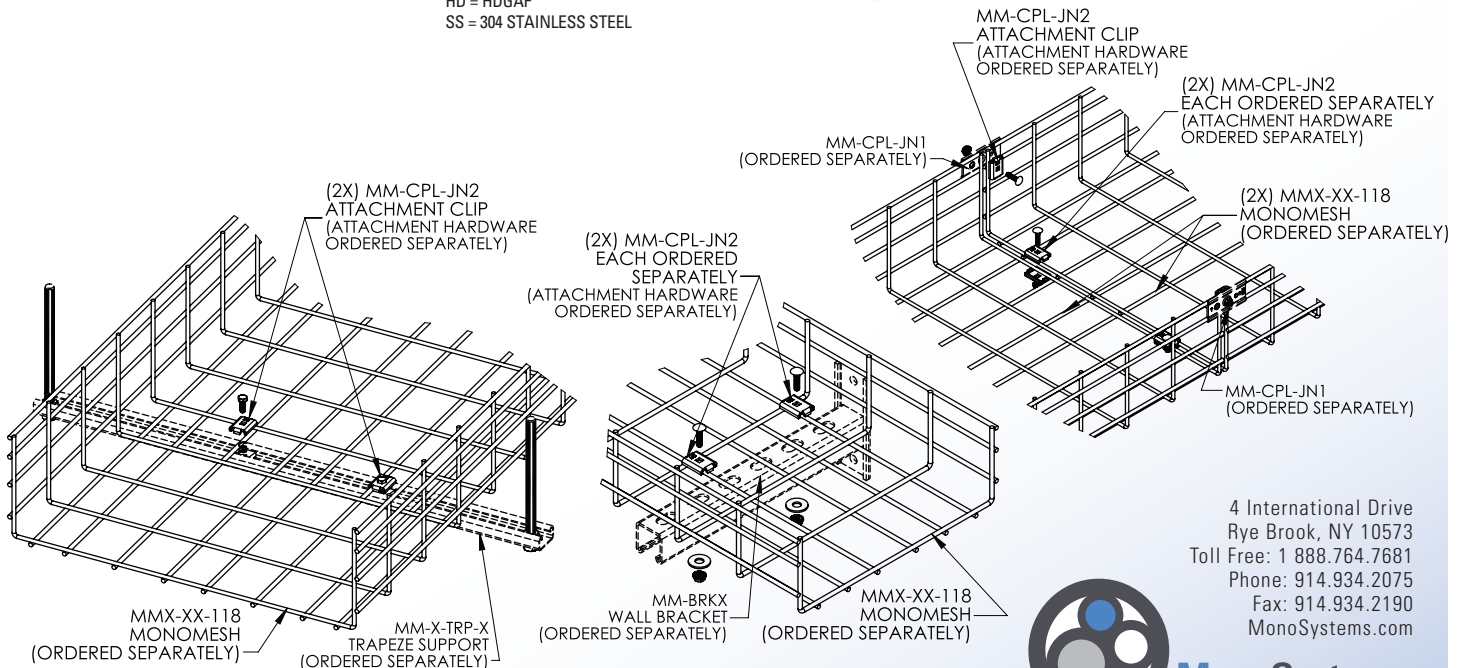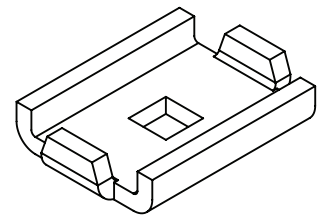
5.) Views for reference - do not scale.

1"
.275"
1.42"
1.2"
.265"
MSI

CLASSIFIED
c (UL) us
FILE: E80034
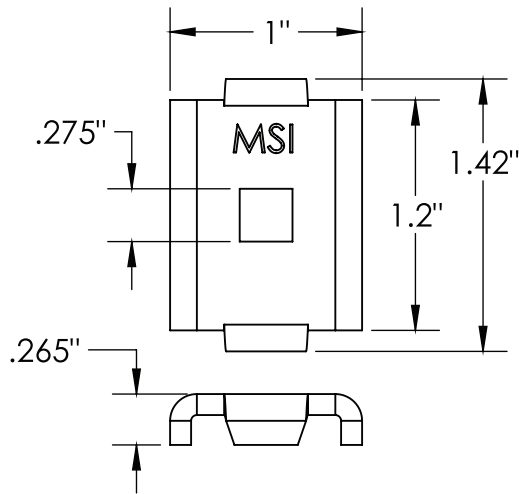
ORDERING DATA EXAMPLE:

MM-CPL-JN2- XX

MATERIAL
(LEAVE BLANK) ZINC PLATED STEEL
HD = HDGAF
SS = 304 STAINLESS STEEL

MSI

(2X) MM-CPL-JN2
ATTACHMENT CLIP
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)

(2X) MM-CPL-JN2
EACH ORDERED
SEPARATELY
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)

MM-CPL-JN2
ATTACHMENT CLIP
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)

(2X) MM-CPL-JN2
EACH ORDERED SEPARATELY
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)

MM-CPL-JN1
(ORDERED SEPARATELY)

(2X) MMX-XX-118
MONOMESH
(ORDERED SEPARATELY)

MM-CPL-JN1
(ORDERED SEPARATELY)

MMX-XX-118
MONOMESH
(ORDERED SEPARATELY)

MM-X-TRP-X
TRAPEZE SUPPORT
(ORDERED SEPARATELY)

MM-BRKX
WALL BRACKET
(ORDERED SEPARATELY)

MMX-XX-118
MONOMESH
(ORDERED SEPARATELY)

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Cable Tray / Wire Mesh Basket Tray
MM-USF-XH-XXW

MonoMesh™ Accessories
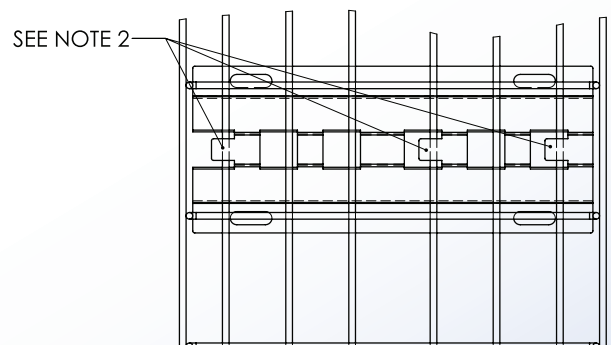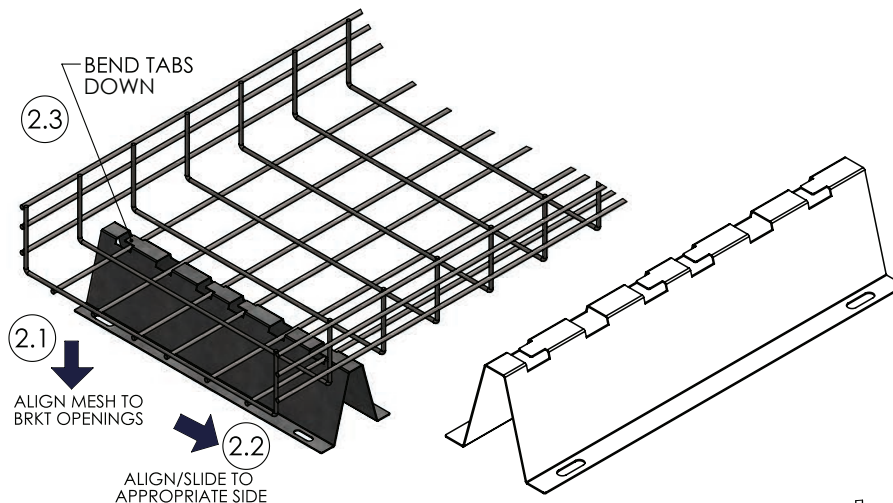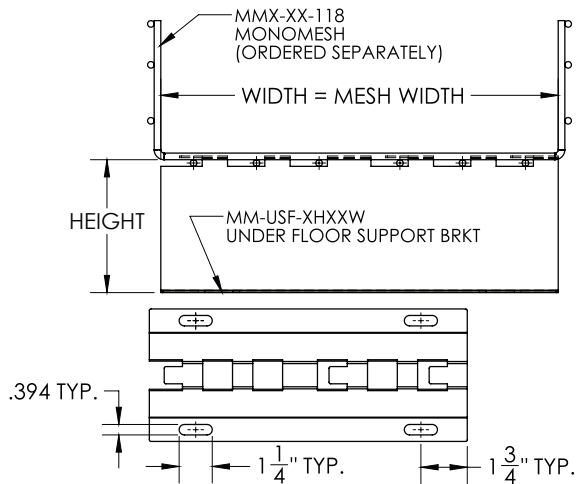### Manufactured in the USA by MonoSystems, Inc.

MMX-XX-118 MONOMESH (ORDERED SEPARATELY)

WIDTH = MESH WIDTH

HEIGHT

MM-USF-XHXXW UNDER FLOOR SUPPORT BRKT

.394 TYP.

$1\frac{1}{4}$" TYP. $1\frac{3}{4}$" TYP.

MONO-MESH UNDER FLOOR SUPPORT BRACKET

Notes

1.) Ordered as each. Floor mounting hardware by others.

2.) Installation: align mesh tray to openings in floor support bracket and align to appropriate side. Bend tabs down to capture mesh wires. Opening and tabs vary according to mesh and bracket size.

3.) Views for reference - do not scale.

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BEND TABS DOWN

2.3

2.1 ALIGN MESH TO BRKT OPENINGS

2.2 ALIGN/SLIDE TO APPROPRIATE SIDE

SEE NOTE 2

ORDERING DATA EXAMPLE:

MM-USF-XHXXW-X

SERIES
MM = MONO-MESH

HEIGHT
4 = 4"
6 = 6"
8 = 8"
12 = 12"

WIDTH
3 = 3"
6 = 6"
8 = 8"
10 = 10"
12 = 12"
16 = 16"
18 = 18"
20 = 20"
24 = 24"

FINISH
BLANK = PRE-GALV STEEL
NO PAINT
HD = HDGAF
G = GREY
B = BLACK
W = WHITE
Y = YELLOW
R = RED
* = CUSTOM PAINT

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Cable Tray / Wire Mesh Basket Tray
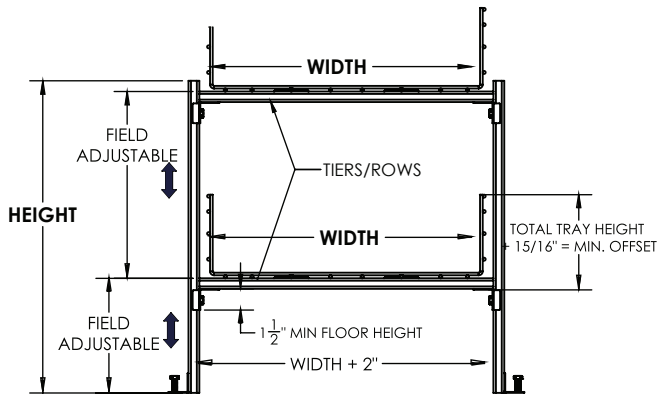# SUP-XT-FLR-XXHXXW

MonoMesh™ Accessories
Manufactured in the USA by MonoSystems, Inc.

Buy American Act Compliant

WIDTH

HEIGHT

FIELD ADJUSTABLE

TIERS/ROWS

WIDTH

TOTAL TRAY HEIGHT 15/16" = MIN. OFFSET

FIELD ADJUSTABLE

1 ½" MIN FLOOR HEIGHT

WIDTH + 2"

MULTI-TIER ADJUSTABLE CABLE TRAY FLOOR SUPPORT

Notes

1.) Each support provided as (2x) vertical support posts to specified height and (1 - 4) horizontal shelf brackets provided to specified width. Shelf bracket to vertical support post hardware provided.

2.) Mount assembly to floor using 3/8" hardware (by others).

3.) Multi-tier system is universal and also suitable for power tray, Mono rack, or trough tray products.

4.) Views for reference - Do not scale.

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ORDERING DATA EXAMPLE:

SUP-XT-FLR-XXH XXW

TRAY/ROWS

1 = 1 TIER
2 = 2 TIER
3 = 3 TIER
4 = 4 TIER

HEIGHT

AS REQUIRED

WIDTH

3 = 3"
6 = 6"
8 = 8"
10 = 10"
12 = 12"
16 = 16"
18 = 18"
20 = 20"
24 = 24"

TOP DETAIL VIEW
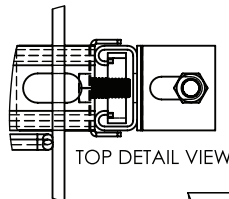
MONOMESH (ORDERED SEPARATELY)

1-5/8" x 7/8" STEEL STRUT

MM-CPL-KBT MONO-MESH TO STRUT CLIP 2-PER SUPPORT, NO TOOLS NEEDED (ORDERED SEPARATELY)

1-5/8" x 7/8" STEEL STRUT

SEE NOTE 2
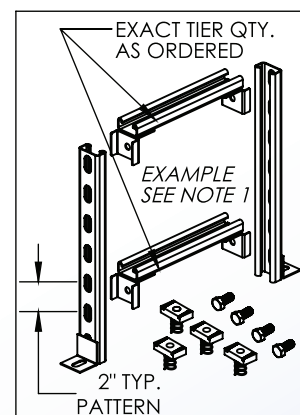
EXACT TIER QTY. AS ORDERED

EXAMPLE SEE NOTE 1

2" TYP. PATTERN

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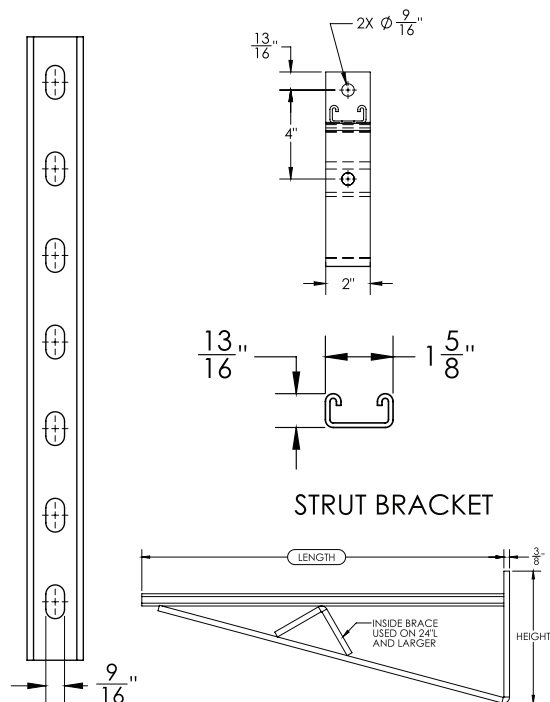wire management. managed.™

Cable Tray
X0-B494-XX

SINGLE BRACED STRUT BRACKET

Notes

1.) Attach strut bracket using 1/2" hardware (by others).

2.) Material: 3/8" steel.

3.) Views for reference - do not scale.

STRUT BRACKET

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ORDERING DATA EXAMPLE:

X0-B494-XX

MATERIAL

G = HOT DIPPED
    GALVANIZED STEEL
Z = ZINC PLATED
    GALVANIZED STEEL

LENGTH

12 = 12" L
18 = 18" L
24 = 24" L
27 = 27" L
36 = 36" L
42 = 42" L

LENGTH	HEIGHT	UNIFORM LOAD
12"	8-3/4"	1580lbs [7.02kN]
18"	8-3/4"	1000lbs [4.45kN]
24"	8-3/4"	996lbs [4.43kN]
27"	9-1/2"	981lbs [4.36kN]
36"	11-1/4"	864lbs [3.84kN]
42"	16"	580lbs [2.58kN]

Cable Tray / Ladder Tray
XO-2027-X

TRAY WIDTH + 2-1/2"

LENGTH BASED ON TRAY WIDTH

$\varnothing \frac{7}{16}$" TYP.

2"

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c (UL) us

PowerTray™ Accessories
Manufactured in the USA by MonoSystems, Inc.

Buy American Act Compliant

WALL SUPPORT BRACKET

Notes

1.) Ordered as each.

2.) Bracket material: 3/16" steel.

3.) Mounting and support hardware (by others).

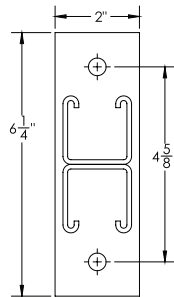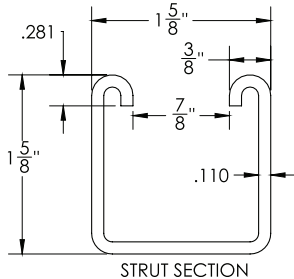3.) Views for reference - do not scale.
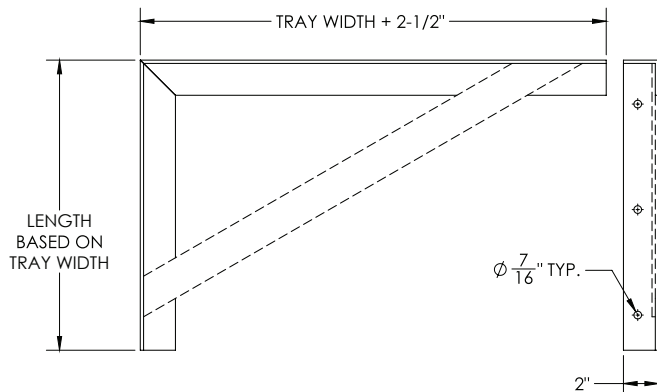
ORDERING DATA EXAMPLE:

Insert required material, series and tray width.

XO-2027-XX

MATERIAL

G = H.D.G.A.F. STEEL
Z = ZINC PLATED STEEL
A = ALUMINUM

SERIES

06 = 6"
09 = 9"
12 = 12"
18 = 18"
24 = 24"
30 = 30"
36 = 36"
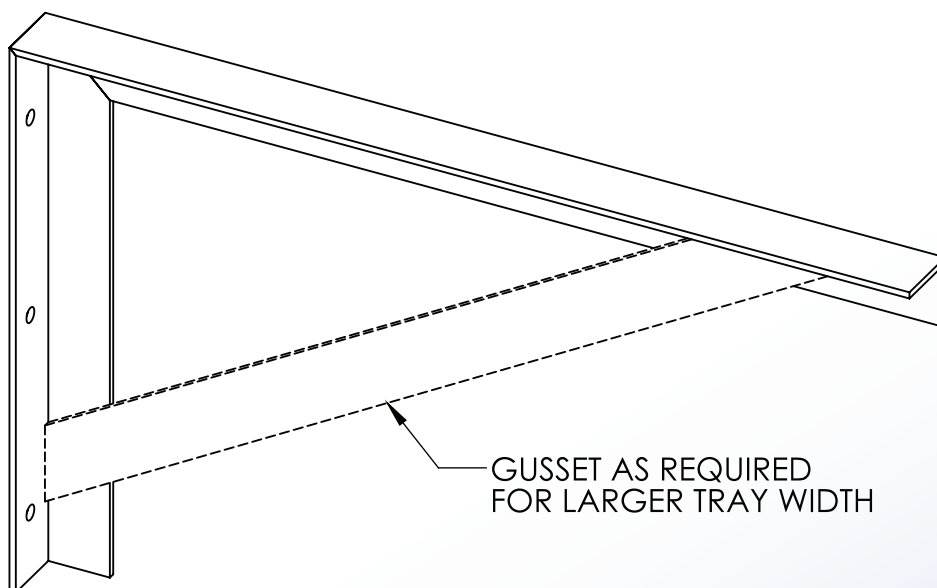
GUSSET AS REQUIRED
FOR LARGER TRAY WIDTH

Cable Tray
XX-B297-XX

CANTILEVER BRACKET, DOUBLE CHANNEL

STRUT SECTION

Notes

1.) Attach strut bracket using 3/8" hardware (by others).

2.) Bracket material: 3/8" thick x 2" steel. Strut material: 12ga. steel.

3.) Views for reference - do not scale.

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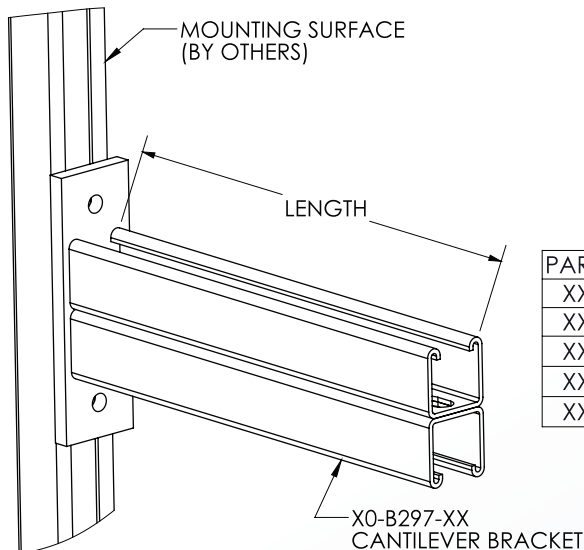## ORDERING DATA EXAMPLE:

CS-XO-B297-XX

MATERIAL	LENGTH
G = HOT DIPPED GALVANIZED STEEL	12 = 12"
Z = ZINC PLATED GALVANIZED STEEL	18 = 18"
	24 = 24"
	36 = 36"
	42 = 42"

MOUNTING SURFACE (BY OTHERS)

LENGTH

XO-B297-XX CANTILEVER BRACKET

PART NUMBER	UNIFORM LOAD	TRAY WIDTH
XX-B297-12	1660 (lbs)	6 & 9
XX-B297-18	1100 (lbs)	12
XX-B297-24	835 (lbs)	18
XX-B297-30	665 (lbs)	24
XX-B297-42	465 (lbs)	36

Cable Tray
XX-B409-XX

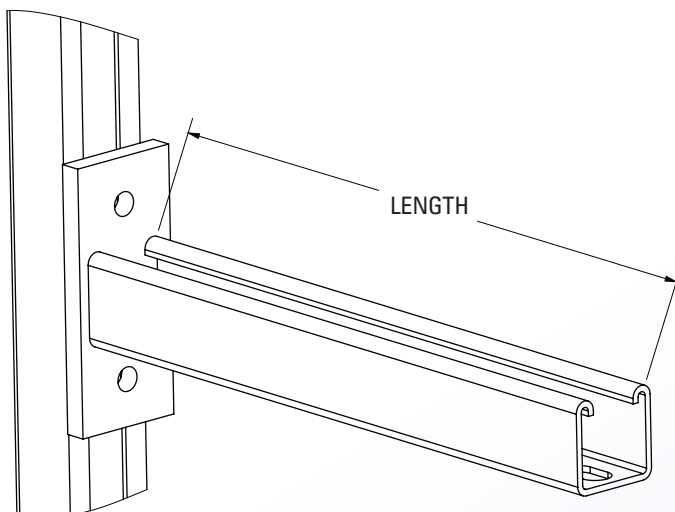## PowerTray™ Accessories
Manufactured in the USA by MonoSystems, Inc.

Buy American Act Compliant

CANTILEVER BRACKET

Notes

1.) Attach strut bracket using 3/8" hardware (by others).

2.) Bracket material: 3/8" thick x 2" steel. Strut material: 12ga. steel.

3.) Views for reference - do not scale.

STRUT SECTION

1 5/8"
.281
3/8"
7/8"
1 5/8"
.110

2"
4 5/8"
3"
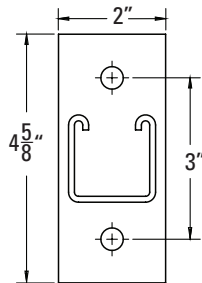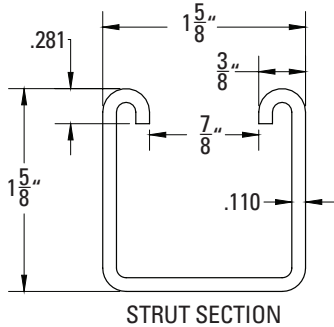
UL CLASSIFIED AS A
GROUNDING CONDUCTOR

ORDERING DATA EXAMPLE:

X 0-B409- XX

MATERIAL

G = HOT DIPPED
GALVANIZED STEEL
Z = ZINC PLATED
GALVANIZED STEEL

LENGTH

12 = 12"
18 = 18"
24 = 24"
30 = 30"
42 = 42"

LENGTH

MonoSystems
wire management. managed.™

Cable Tray / Ladder Tray
DIV-CLIP-6

Cable Tray Accessories
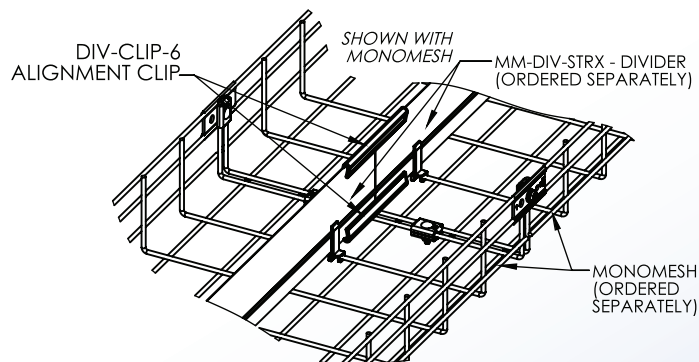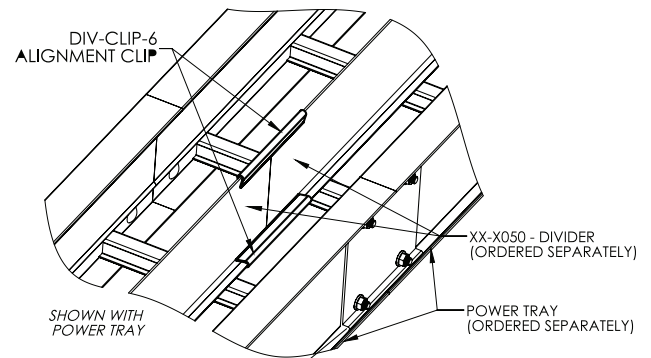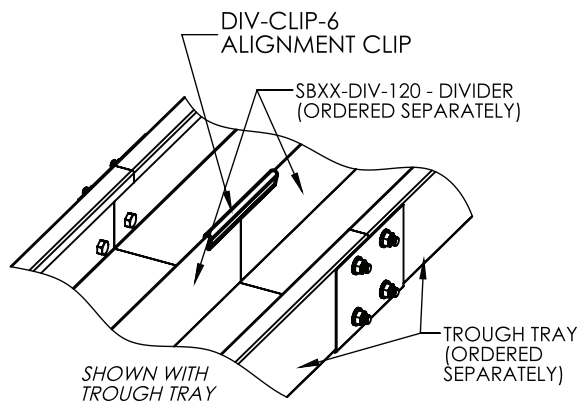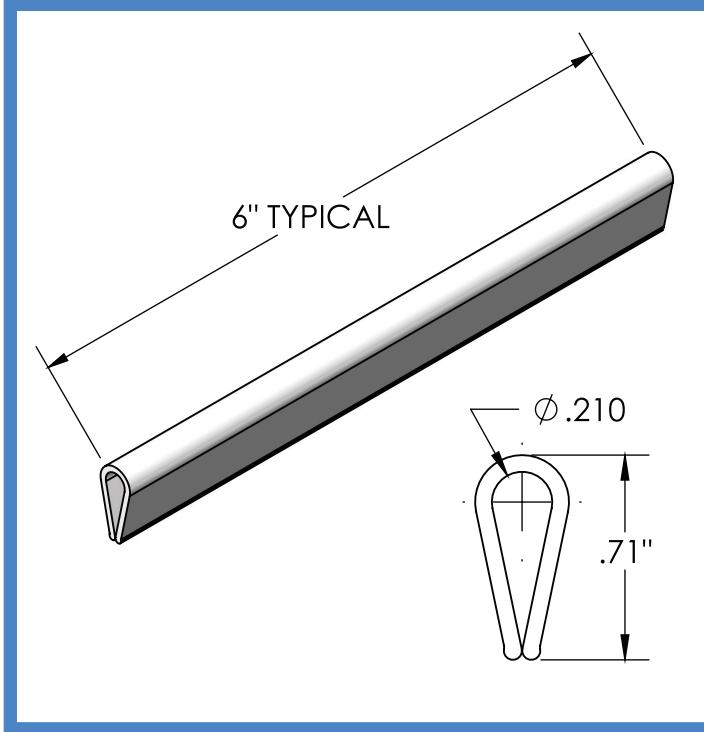**Manufactured in the USA by MonoSystems, Inc.**

Buy American Act Compliant

DIVIDER ALIGNMENT CLIP, UNIVERSAL

Notes

1.) Sold as each. Standard length: 6"

2.) Use as a protective covering and straight Alignment clip for adjoining divider sections.

3.) Material: Clear PVC. Meets UL94 flame resistance requirement.

4.) To install:
   • Center clip about adjoining dividers
   • Snap over the seam pressing the clip completely into place

5.) Views for reference - Do not scale.

6" TYPICAL

Ø .210

.71"

DIV-CLIP-6
ALIGNMENT CLIP

XX-X050 - DIVIDER
(ORDERED SEPARATELY)

POWER TRAY
(ORDERED SEPARATELY)

SHOWN WITH POWER TRAY

DIV-CLIP-6
ALIGNMENT CLIP

SBXX-DIV-120 - DIVIDER
(ORDERED SEPARATELY)

TROUGH TRAY
(ORDERED SEPARATELY)

SHOWN WITH TROUGH TRAY

DIV-CLIP-6
ALIGNMENT CLIP

SHOWN WITH MONOMESH

MM-DIV-STRX - DIVIDER
(ORDERED SEPARATELY)

MONOMESH
(ORDERED SEPARATELY)

ORDERING DATA EXAMPLE:

DIV-CLIP-6

LENGTH

6 = 6" LONG

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
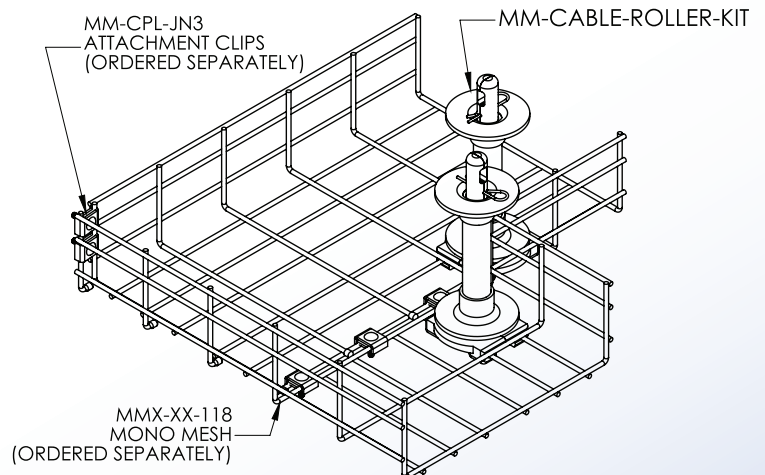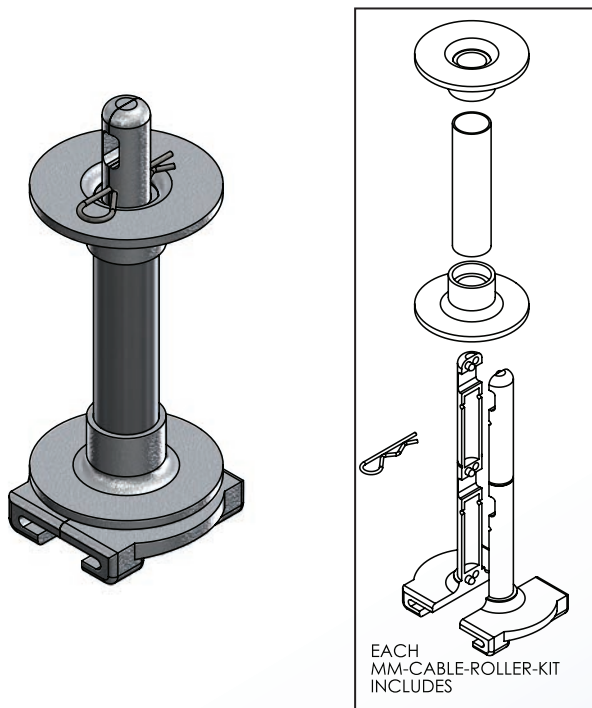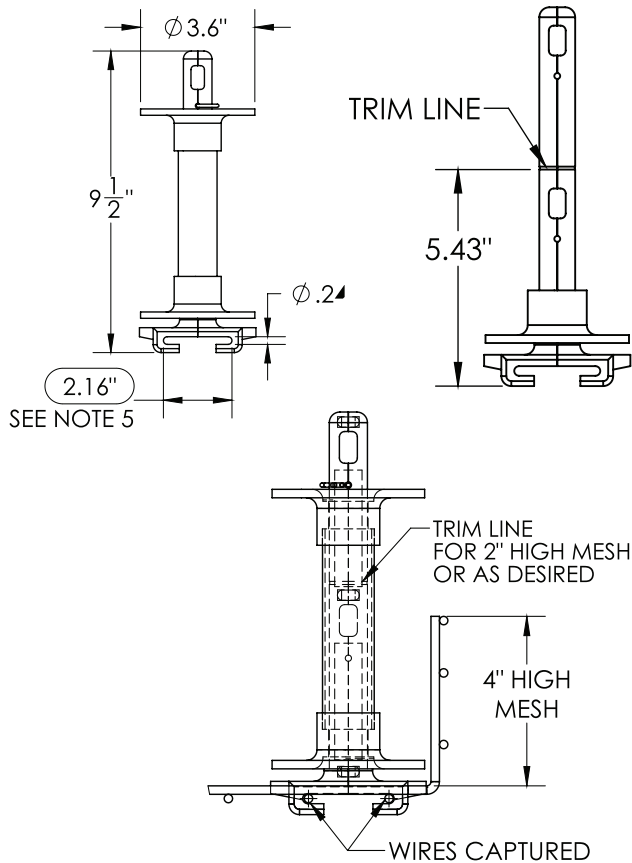Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MM-CABLE-ROLLER-KIT

MonoMesh™ Accessories
MonoSystems, Inc.

CABLE ROLLER KIT

Notes

1.) Ordered as each. Cast aluminum finish.

2.) Protects wiring and maintains proper radius when pulling cable around bends within mesh tray.

3.) Height of roller is field adjustable (cutting required).

4.) To Install:

- Disassemble by removing the cotter pin and pulling the hat flanges and roller tube off the top.

- Separate the main rod halves.

- Locate and capture the two inner longitudinal wires of the bend and pull the halves back together.

- If using with 2"high mesh, cut the tube and halves at the trim line and deburr (process by others).

- Slide the hat, sleeve, hat, and cotter pin back in place.

5.) Not for use with 2.937" Offset wire tray including: MM6-12-118, MM6-18-118, MM6-20-118, MM4-18-118. Speak with MonoSystems for more information.

6.) Views for reference, Do not scale.

Ø 3.6"

TRIM LINE

9 1/2"

5.43"

Ø .2

2.16"
SEE NOTE 5

TRIM LINE
FOR 2" HIGH MESH
OR AS DESIRED

4" HIGH
MESH

WIRES CAPTURED

MM-CPL-JN3
ATTACHMENT CLIPS
(ORDERED SEPARATELY)

MM-CABLE-ROLLER-KIT

MMX-XX-118
MONO MESH
(ORDERED SEPARATELY)

EACH
MM-CABLE-ROLLER-KIT
INCLUDES

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
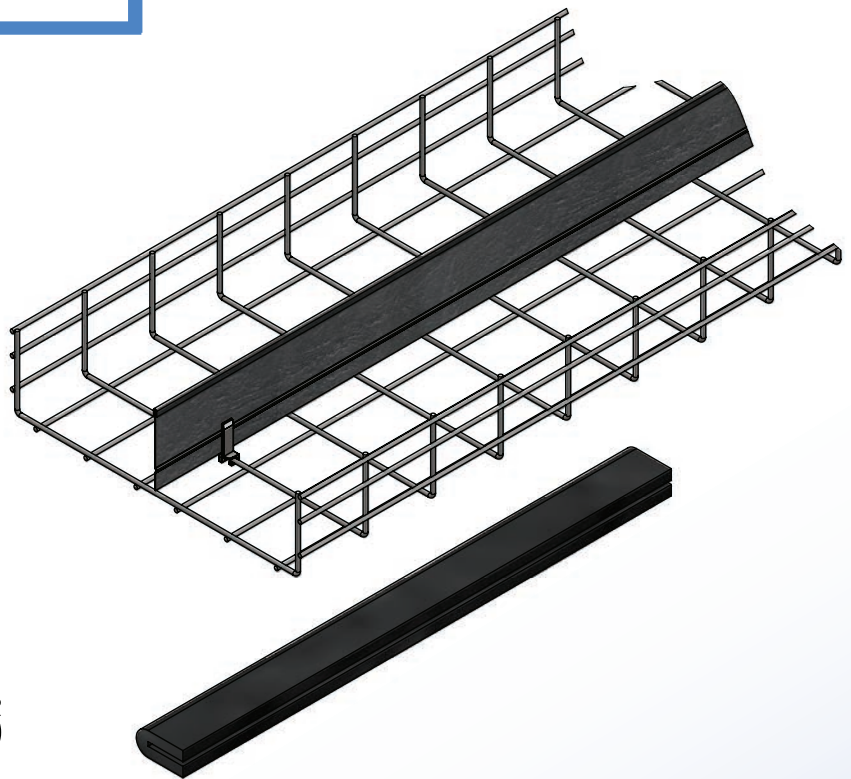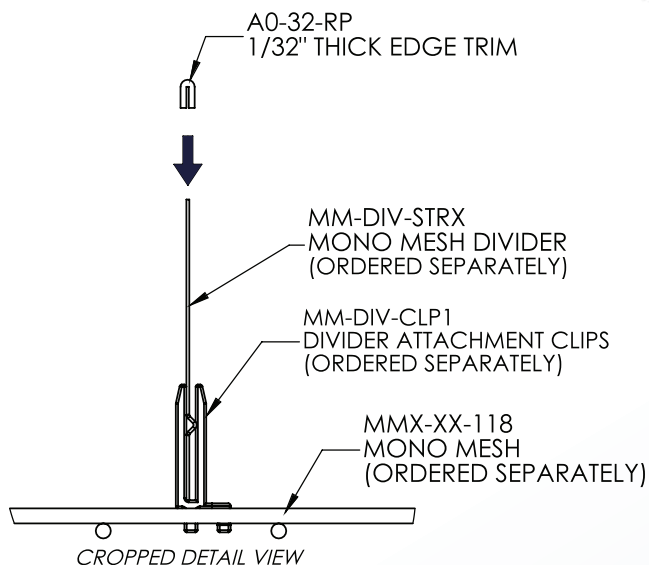# A0-32-RP

EDGE TRIM & PROTECTOR STRIP

Notes

1.) Supplied in 50ft rolls.

2.) Material: neoprene rubber, temp rating: -40º F to 158º F conforms to UL-94 flammability resistance.

3.) To install, simply push onto edges of metal divider

4.) Views for reference, Do not scale.

$\frac{9}{32}$"

$\frac{3}{16}$"

$\frac{1}{32}$"

$\frac{3}{8}$"
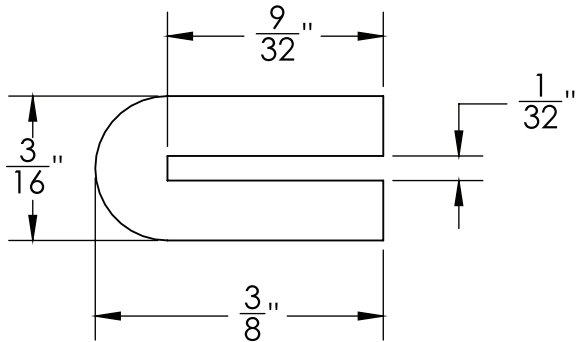
ORDERING DATA EXAMPLE:

A0-[32]-RP

STYLE
1/32" EDGE
THICKNESS

A0-32-RP
1/32" THICK EDGE TRIM

MM-DIV-STRX
MONO MESH DIVIDER
(ORDERED SEPARATELY)

MM-DIV-CLP1
DIVIDER ATTACHMENT CLIPS
(ORDERED SEPARATELY)

MMX-XX-118
MONO MESH
(ORDERED SEPARATELY)

CROPPED DETAIL VIEW

MonoSystems™
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Cable Tray / Wire Mesh Basket Tray
MM-SUP-CTLXX-X

SUPPORT SYSTEM

14.25" FOR UP TO 12"W MESH
23.25" FOR UP TO 24"W MESH
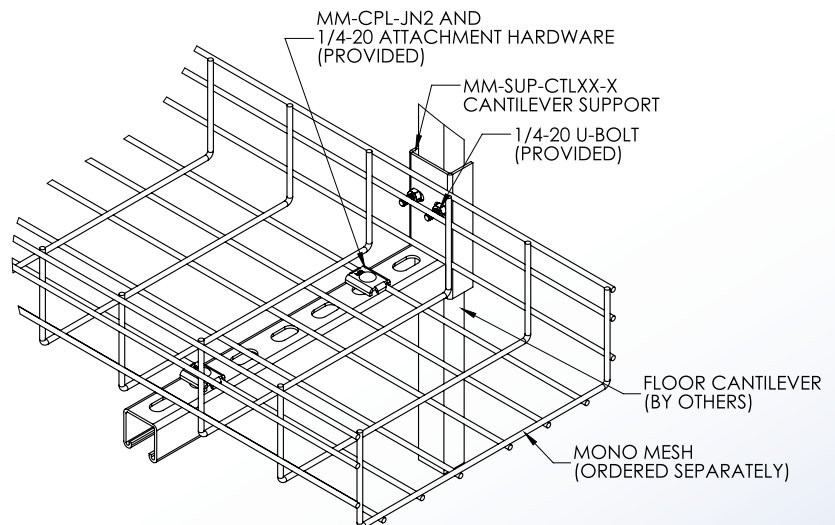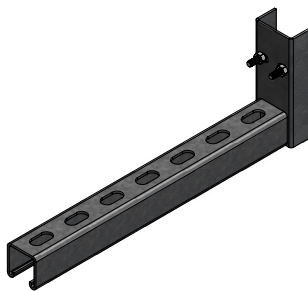
$1\frac{1}{8}$"

5.31"

Ø .563

$2\frac{1}{16}$"

$1\frac{1}{8}$"

Notes

1.) Underfloor access floor cantilever support system for cable trays up to 12"w. For wider trays, supports may be placed on alternating sides or specify "24" configuration. Consult factory for cantilever compatibility.

2.) Views for reference - do not scale.

CLASSIFIED
c UL us

FILE: E80034
VOL.2

MM-CPL-JN2 AND
1/4-20 ATTACHMENT HARDWARE
(PROVIDED)

MM-SUP-CTLXX-X
CANTILEVER SUPPORT

1/4-20 U-BOLT
(PROVIDED)

FLOOR CANTILEVER
(BY OTHERS)

MONO MESH
(ORDERED SEPARATELY)
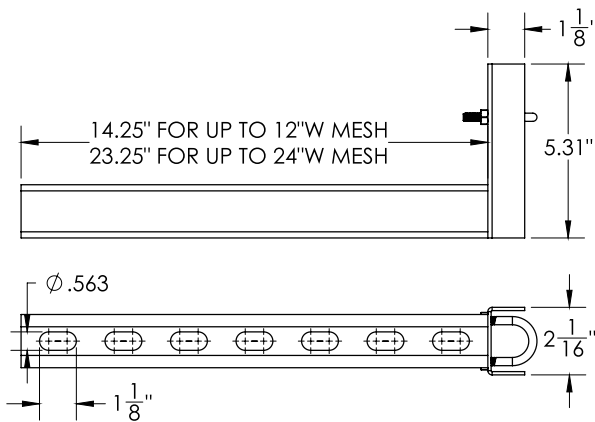
ORDERING DATA EXAMPLE:

MM-SUP-CTLXX-XX

MESH WIDTH

12 = UP TO 12"
24 = UP TO 24"

MATERIAL

P = PRE-GALV. STEEL
HD = STEEL HDGAF
G = HOT DIPPED GALV.

Cable Tray / MonoMesh™

TM-CPL-JN3-XX

7/16"
3/4"
1 3/8"

1/4-20 x 1"L CARRIAGE BOLT
COMPONENT 2
COMPONENT 1 INNER CONNECTOR
1/4-20 SERRATED FLANGE NUT

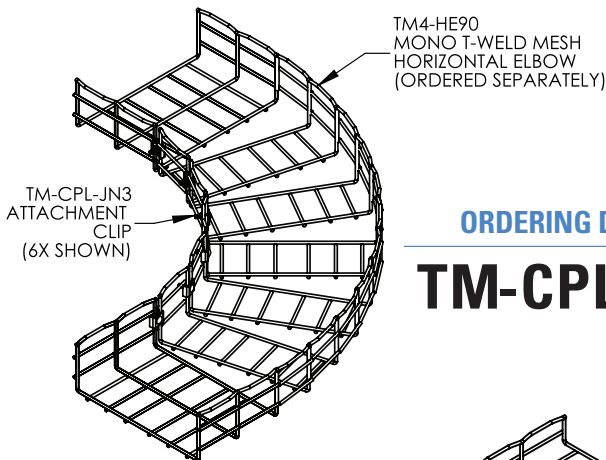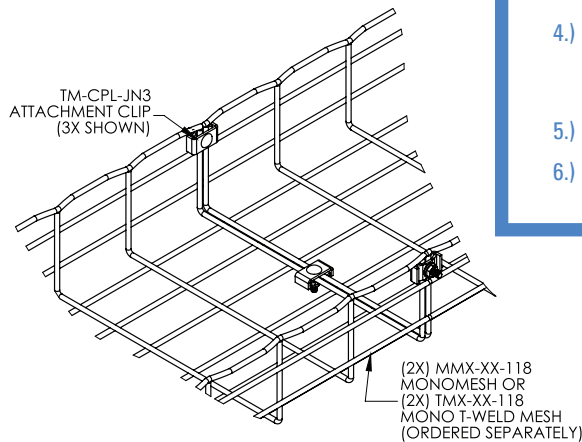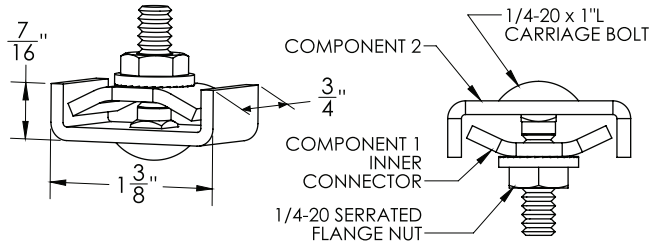CLASSIFIED
c UL us
UL LISTED
FILE: E80034

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

ATTACHMENT CLIP

Notes:

1.) Each TM-CPL-JN3 ordered includes 2-piece connector (1) 1/4-20x1" carriage bolt and (1) 1/4-20 serrated flange nut. Tray ordered separately.

2.) Used to attach MonoMesh and/or Mono T-weld mesh cable tray. Install around wire as shown and feed a 1/4-20 carriage bolt thru hole. Capture on other side of mesh with inner connector piece & serrated nut (provided).

3.) Manufactured and tested in conformance with NEMA VE-1 standards.

4.) UL classified as an equipment ground conductor when spliced as recommended and coating (if applicable) has been completely removed at splice contact points.

5.) Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-M].

6.) Views for reference - do not scale.

TM-CPL-JN3 ATTACHMENT CLIP (3X SHOWN)

(2X) MMX-XX-118 MONOMESH OR (2X) TMX-XX-118 MONO T-WELD MESH (ORDERED SEPARATELY)

TM4-HE90 MONO T-WELD MESH HORIZONTAL ELBOW (ORDERED SEPARATELY)

TM-CPL-JN3 ATTACHMENT CLIP (6X SHOWN)

ORDERING DATA EXAMPLE:

TM-CPL-JN3-XX

MATERIAL
(LEAVE BLANK) ZINC PLATED STEEL
HD = HDGAF
SS = 304 STAINLESS STEEL

TM2-HT MONO T-WELD MESH HORIZONTAL TEE (ORDERED SEPARATELY)

TM-CPL-JN3 ATTACHMENT CLIP (4X SHOWN)
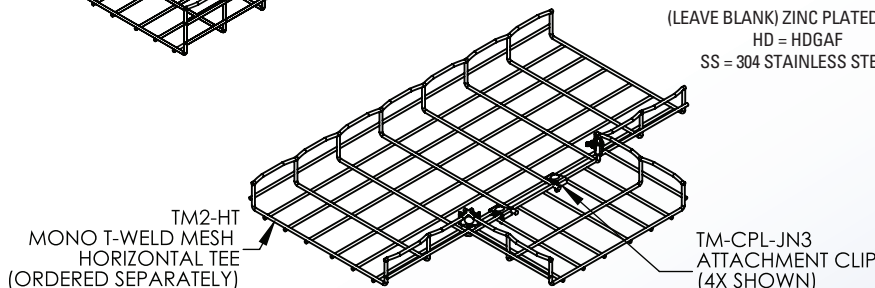
TRAY TYPE (X) M = MONOMESH T = T-WELD MESH	NORMAL WIDTH	QTY OF SIDE CLIPS	QTY OF BOTTOM CLIPS	TOTAL QTY OF JN3'S REQUIRED
2 INCH LOAD DEPTH X 118" LONG				
XM2-3-118	3"	2	0	2
XM2-6-118	6"	2	1	3
XM2-10-118	10"	2	1	3
XM2-12-118	12"	2	1	3
XM2-20-118	20"	2	3	5
XM2-24-118	24"	2	3	5
4 INCH LOAD DEPTH X 118" LONG				
XM4-6-118	6"	2	1	3
XM4-8-118	8"	2	1	3
XM4-12-118	12"	2	1	3
XM4-16-118	16"	2	2	4
XM4-18-118	18"	2	2	4
XM4-24-118	24"	2	3	5
XM4-36-118	36"	2	4	6
6 INCH LOAD DEPTH X 118" LONG				
XM6-8-118	8"	4	0	4
XM6-12-118	12"	4	1	5
XM6-16-118	16"	4	2	6
XM6-18-118	18"	4	2	6
XM6-24-118	24"	4	3	7

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
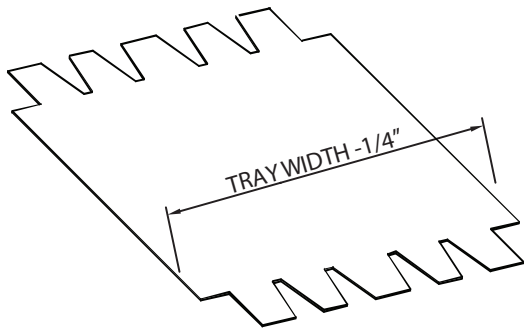Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-CPL-FL

FAST LOCK CONNECTOR

Notes:

1.) Ordered as each.

2.) Used to quickly attach MonoMesh cable tray sections without the need for additional hardware.

3.) Install around wire as shown. Bend flanges to capture wires in place. Bend tabs over and sides in to completely secure to tray.

4.) Manufactured and tested in conformance with NEMA VE-1 standards.

5.) UL classified as an equipment ground conductor when spliced as recommended and coating (if applicable) has been completely removed at splice contact points.

6.) Views for reference - do not scale.

CLASSIFIED UL us

ORDERING DATA EXAMPLE:

TM-CPL-FL-XX

MATERIAL

(LEAVE BLANK) ZINC PLATED STEEL
SS = 304 STAINLESS STEEL

① BEND TABS TO CAPTURE WIRES
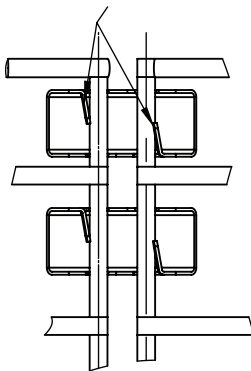
② BEND TO SECURE IN PLACE
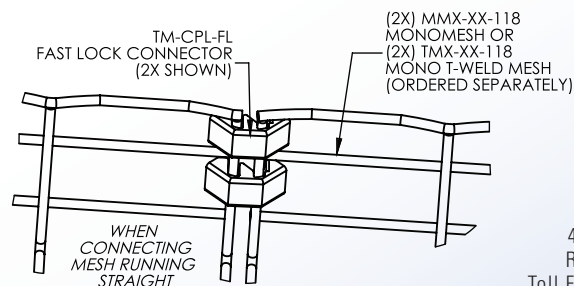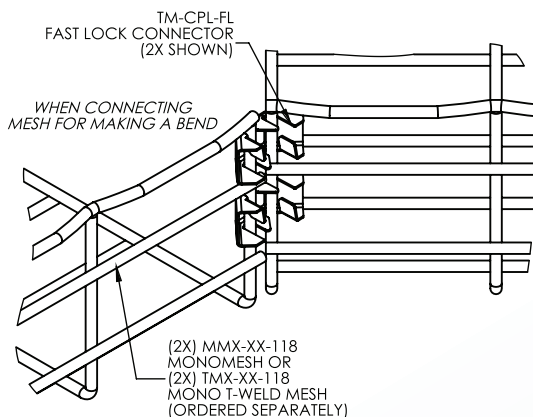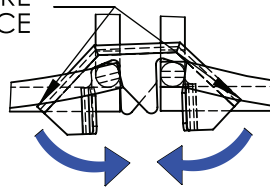
TRAY TYPE (X) M = MONOMESH T = T-WELD MESH	NORMAL WIDTH	QTY OF SIDE FL'S	QTY OF BOTTOM FL'S	TOTAL QTY OF FL'S REQUIRED
2 INCH LOAD DEPTH X 118" LONG				
XM2-3-118	3"	2	1	3
XM2-6-118	6"	2	1	3
XM2-10-118	10"	2	1	3
XM2-12-118	12"	2	2	4
XM2-20-118	20"	2	3	5
XM2-24-118	24"	2	3	5
4 INCH LOAD DEPTH X 118" LONG				
XM4-6-118	6"	4	1	5
XM4-8-118	8"	4	1	5
XM4-12-118	12"	4	2	6
XM4-16-118	16"	4	2	6
XM4-18-118	18"	4	2	6
XM4-24-118	24"	4	3	7
XM4-36-118	36"	4	4	8
6 INCH LOAD DEPTH X 118" LONG				
XM6-8-118	8"	4	1	5
XM6-12-118	12"	4	2	6
XM6-16-118	16"	4	2	6
XM6-18-118	18"	4	2	6
XM6-24-118	24"	4	3	7

TM-CPL-FL FAST LOCK CONNECTOR (2X SHOWN)

WHEN CONNECTING MESH FOR MAKING A BEND

(2X) MMX-XX-118 MONOMESH OR (2X) TMX-XX-118 MONO T-WELD MESH (ORDERED SEPARATELY)

TM-CPL-FL FAST LOCK CONNECTOR (2X SHOWN)

(2X) MMX-XX-118 MONOMESH OR (2X) TMX-XX-118 MONO T-WELD MESH (ORDERED SEPARATELY)

WHEN CONNECTING MESH RUNNING STRAIGHT

MonoSystems
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
# INS-XX

TRAY WIDTH -1/4"

CONSTRUCTED OF 0.040" ALUMINUM

Dropout Part Number	Use with Tray Width
MM-INS-03	3"
MM-INS-06	6"
MM-INS-08	8"
MM-INS-10	10"
MM-INS-12	12"
MM-INS-16	16"
MM-INS-18	18"
MM-INS-20	20"
MM-INS-24	24"
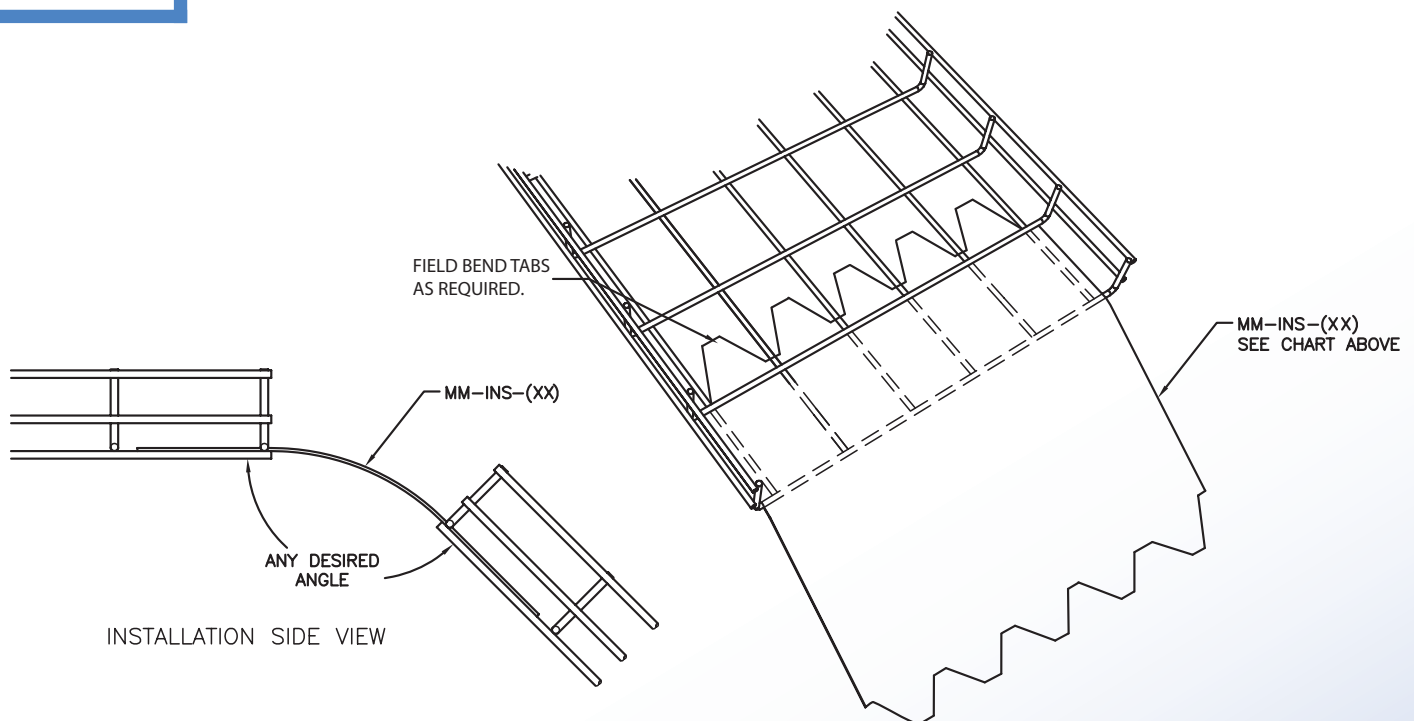
FIELD BEND TABS AS REQUIRED.

MM-INS-(XX)

MM-INS-(XX) SEE CHART ABOVE

ANY DESIRED ANGLE

INSTALLATION SIDE VIEW

MonoSystems
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
CS-TM-WTB-9

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

WALL TERMINATION BRACKET, 9"L
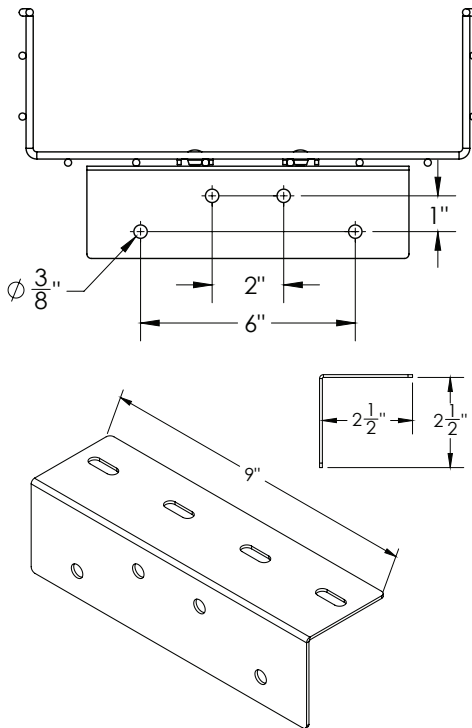
Notes:

1.) Material: 14GA galv. steel.

2.) Use to support mesh tray when terminated at a wall.

3.) Ordered as each. Includes 1 bracket and 1-pair of MM-CPL-JN2 attachment clips and hardware.

4.) To install: Mount TM-WTB-9 bracket to wall using up to 3/8" hardware (by others). Place mesh above bracket as shown. Attach MM-CPL-JN2 (provided) to mesh longitudinal wire and capture with 1/4-20 hardware (ordered separately) around mesh wire as shown.

5.) Views for reference - do not scale.
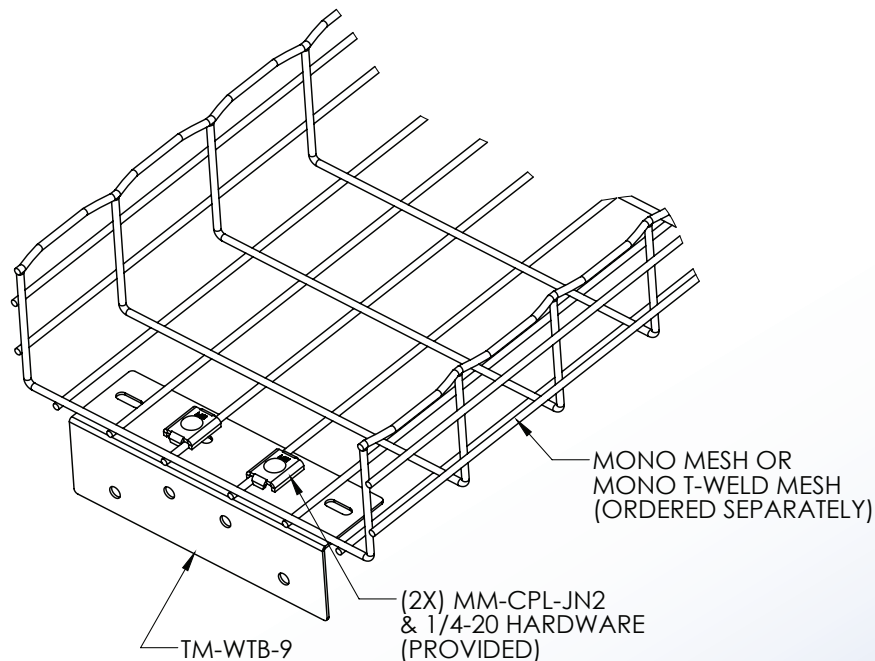
∅ 3/8"
2"
6"
1"

2 1/2"   2 1/2"
9"

MONO MESH OR
MONO T-WELD MESH
(ORDERED SEPARATELY)

(2X) MM-CPL-JN2
& 1/4-20 HARDWARE
(PROVIDED)

TM-WTB-9

MonoSystems
Expect. Direct.™

Cable Tray / Wire Mesh Basket Tray
TM-CPL-JN5-XX

MonoMesh™ Accessories
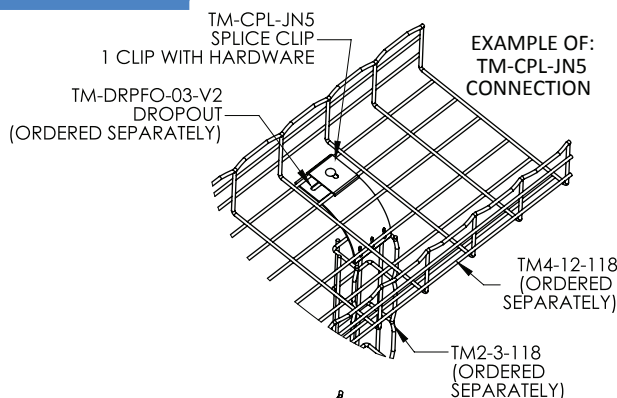**Manufactured by MonoSystems, Inc.**

HORIZONTAL ELBOW SPLICE CLIP SET

Ø .3"

2"

(2.18")

FOR USE WITH MESH WIRE
OFFSETS OF 2.18" OR LESS

CLASSIFIED c (UL) US

Notes:

1.) TM-CPL-JN5 clip/s can be used to:
- Quickly create horizontal bend angles by clamping together multiple field cut sections of MonoMesh as necessary.
- As a stand-alone clip in lieu of TM-CPL-JN2's or in cases when a TM-CPL-JN2 will not reach the adjacent wires. (For example with select cable drop outs).

2.) Note: part will not work on transverse wires, or wires spanning an offset of more than 2.18" (For example with sharp tees).

3.) Manufactured and tested in conformance with NEMA VE-1 standards.

4.) Views for reference, do not scale.

TM-CPL-JN5
SPLICE CLIP
1 CLIP WITH HARDWARE

TM-DRPFO-03-V2
DROPOUT
(ORDERED SEPARATELY)

EXAMPLE OF:
TM-CPL-JN5
CONNECTION

TM4-12-118
(ORDERED
SEPARATELY)

TM2-3-118
(ORDERED
SEPARATELY)

TM4-12-118
(ORDERED SEPARATELY)

FIELD TRIM MESH AS REQUIRED
(BY OTHERS)

TM-ACC-KNB02
PROTECTOR CAPS
(ORDERED SEPARATELY)

TM-CPL-JN5-PR
SPLICE CLIPS
2-PAIRS SHOWN

TM4-8-118
(ORDERED SEPARATELY)

TM-ACC-KNB02
PROTECTOR CAPS
(ORDERED SEPARATELY)

EXAMPLE OF:
TM-CPL-JN5-PR
CONNECTION

VIEW FROM UNDERSIDE OF TRAY

TM-CPL-JN5-PR
SPLICE CLIPS
HORIZONTAL ELBOW
1-PAIR OF SPLICE CLIPS

ORDERING DATA EXAMPLE:

TM-CPL-JN5- XX - XX

MATERIAL

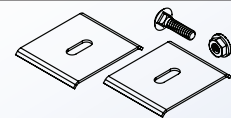(LEAVE BLANK) G90 GALV. STEEL
HD = HDGAF
SS4 = 304 STAINLESS STEEL

PACKAGED

OMIT/LEAVE BLANK =
(1) CLIP, (1) 1/4-20x1" CARRIAGE BOLT,
AND (1) 1/4-20 SERRATED FLANGE NUT
-PR = (2) CLIPS, (1) 1/4-20x1" CARRIAGE BOLT,
AND (1) 1/4-20 SERRATED FLANGE NUT

EACH TM-CPL-JN5
INCLUDES:
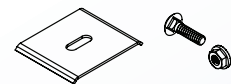
EACH TM-CPL-JN5-PR
INCLUDES:

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-GL-IK1

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

MONOMESH GROUNDING SPLIT BOLT


1.04"

.22"

CLASSIFIED
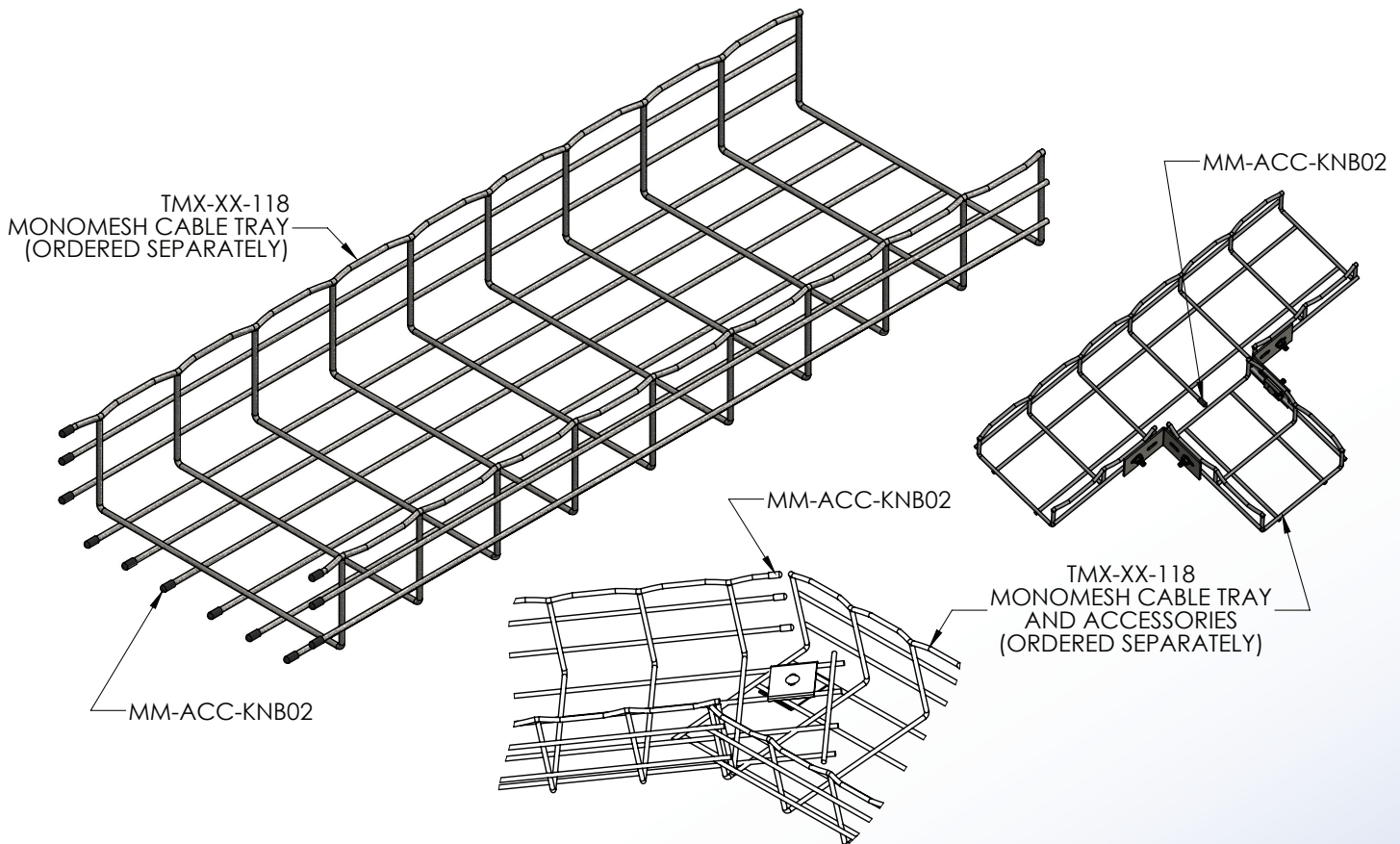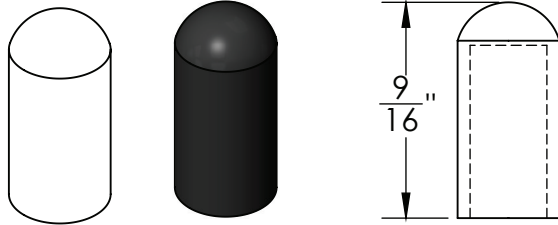c (UL) US

US Classified as a
Grounding Conductor

Notes:

1.) Each TM-GL-IK1 ordered separately.

2.) Assembly Instructions:
Attach grounding split bolt to outer mesh longitudinal wire capture wire (conductor size #6 SOL. - 8AWG STR).
Tighten nut to lock conductor wire in place against mesh wire.

3.) Material: High strength copper alloy. Voltage rating: 600V.

4.) UL classified as an equipment ground conductor when used as recommended and Mono-Mesh coating (if applicable) has been completely removed at lug contact points.

5.) Views for reference, do not scale.
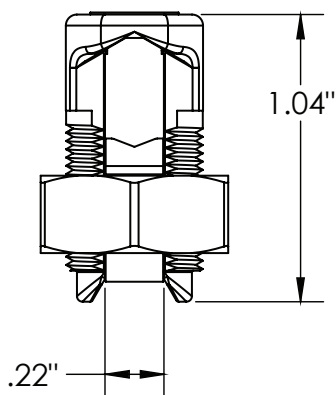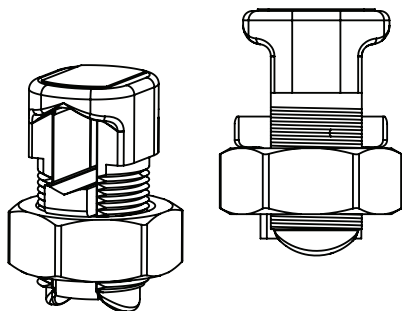
TMX-XX-118
MONOMESH CABLE TRAY
(ORDERED SEPARATELY)

GROUND WIRE
(BY OTHERS)

TM-GL-IK1
GROUNDING SPLIT BOLT
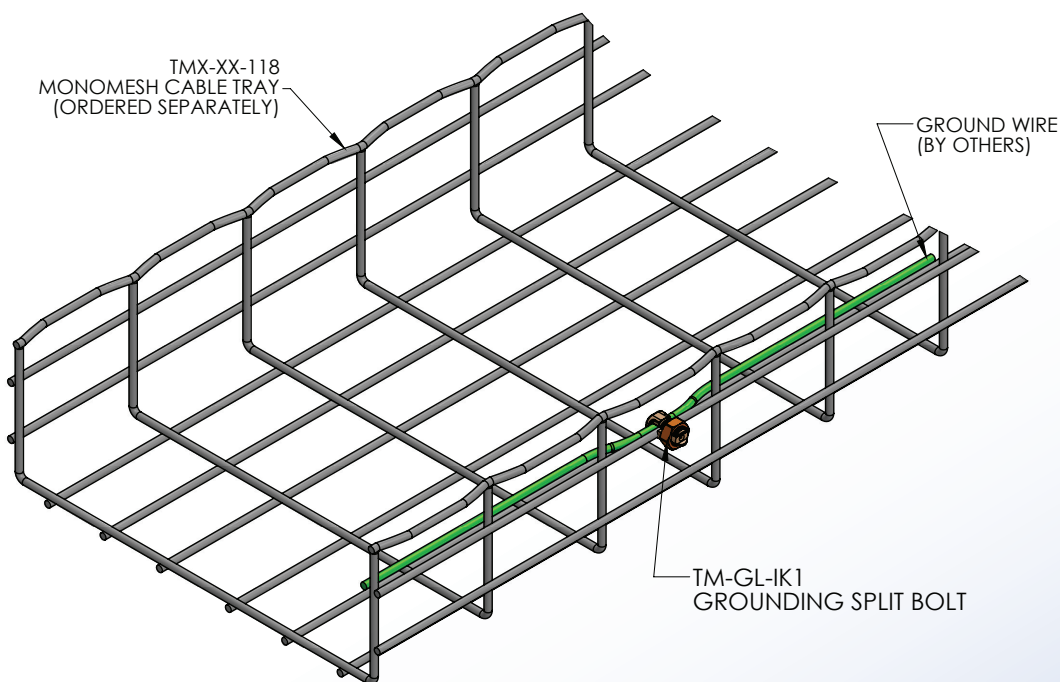
MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MM-ACC-KNB02

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

WIRE END PROTECTOR CAPS

$\frac{9}{16}$"

Notes:

1.) Each MM-ACC-KNB02 ordered includes (100) caps.

2.) Material: Black vinyl. Resistant to tearing, cracking, or splitting.

3.) For all Mono T-Weld mesh protruding wire ends and conventional mesh wires 0.18~0.21"in diameter.

4.) Installs quickly and eliminates the need for laborious duburring or filing of wire ends after trimming.

5.) Views for reference, do not scale.

TMX-XX-118
MONOMESH CABLE TRAY
(ORDERED SEPARATELY)

MM-ACC-KNB02

MM-ACC-KNB02

MM-ACC-KNB02

TMX-XX-118
MONOMESH CABLE TRAY
AND ACCESSORIES
(ORDERED SEPARATELY)

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-ATT-BRK2

ATTACHMENT BRACKET
FOR USE WITH 4"H OR 6"H MESH

Notes:

1.) Ordered as each. Bracket material: 14GA galv. steel.
Can be used with TM- (T-Weld) or MM- style MonoMesh.

2.) Bracket for attaching boxes or accessories to mesh.
Use provided holes or field drill holes in bracket as required.

3.) To Install: Orient bracket and slide in place capturing lower two
Side wires (4"H mesh) or middle two side wired (6"H mesh).
Tabs can be field bent over wires if desired.

4.) Views for reference, do not scale.

TM-ATT-BRK2
MOUNTED WITH FLANGES DOWNWARD

MONO-MESH OR MONO T-WELD MESH
(ORDERED SEPARATELY)
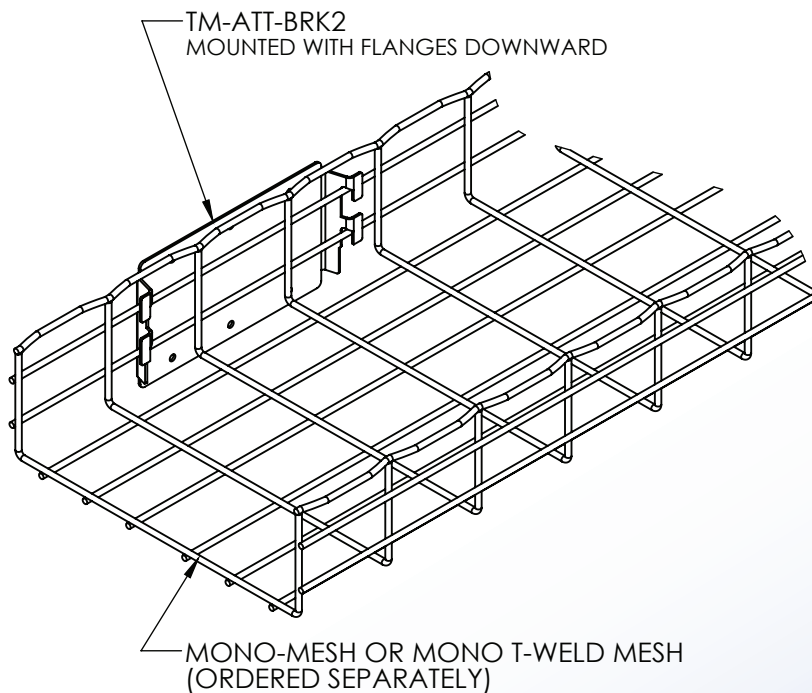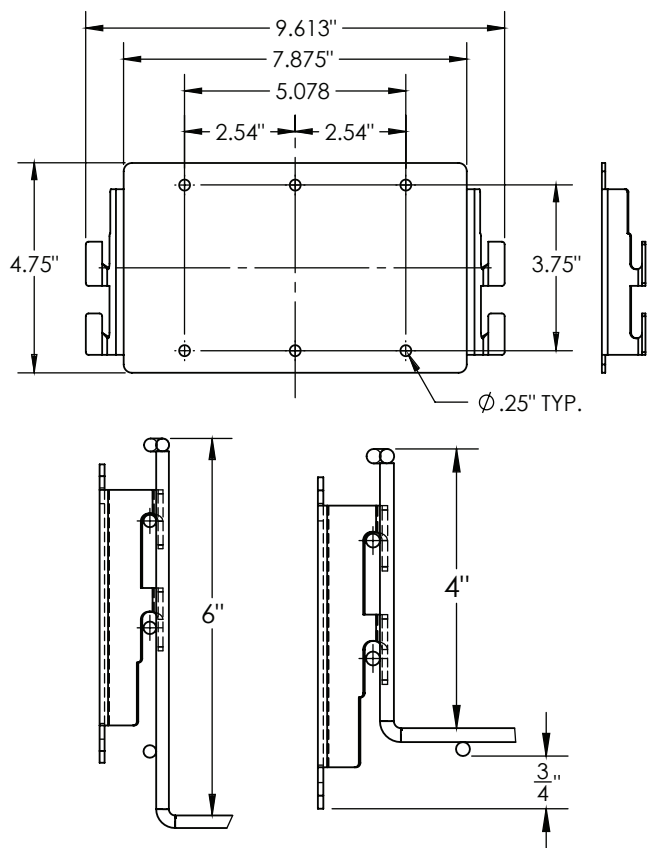
Cable Tray / Wire Mesh Basket Tray
MM-CPL-KBT

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

MONOMESH TO STRUT CLIP

Notes:

1.) Attach MM-CPL-KBT clip to mesh longitudinal wire and press down until clip flanges locks into place on strut.

2.) No tools required for clip installation. Fits tray wires from 4mm to 8mm [3/16" to 5/16"]. For positioning only (no load rating).

3.) Views for reference, do not scale.

(.63")

(2.91")

UNTIL LOCKS INTO PLACE

ENGAGE

UNTIL LOCKS INTO PLACE

STEEL STRUT
(ORDERED SEPARATELY)

MM-CPL-KBT
MESH TO STRUT CLIP

MONO-MESH
(ORDERED SEPARATELY)

MonoSystems™
Expect. Direct.

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

WIRE END PROTECTOR CAPS

$\frac{9}{16}$"
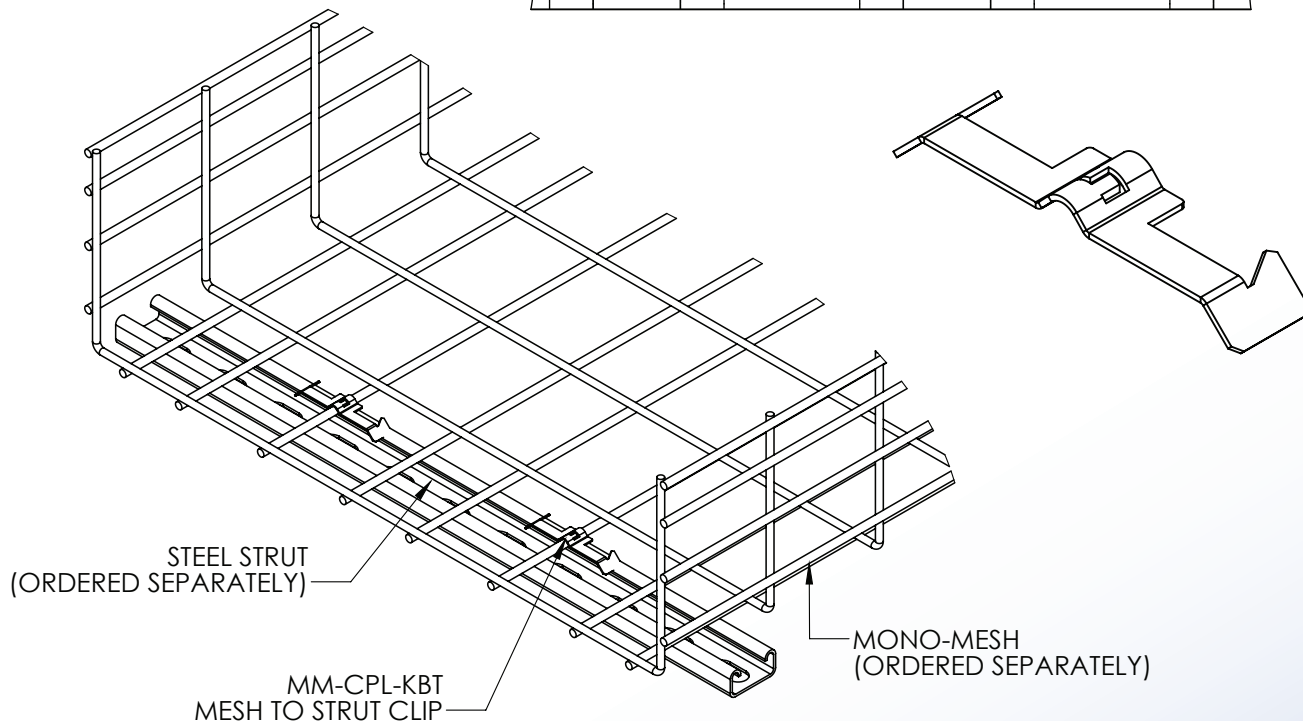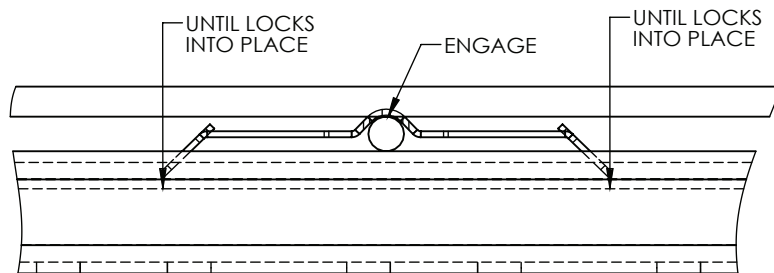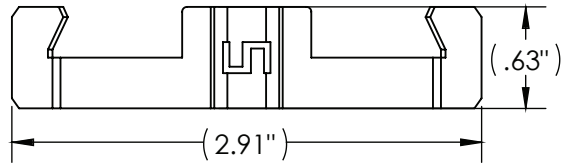
Notes:

1.) Each TM-ACC-KNB02 ordered includes (100) caps.

2.) Material: Black vinyl. Resistant to tearing, cracking, or splitting.

3.) For all Mono T-Weld Mesh protruding wire ends and conventional mesh wires 0.18~0.21" in diameter.

4.) Installs quickly and eliminates the need for laborious duburring or filing of wire ends after trimming.

5.) Views for reference, do not scale.

TMX-XX-118
MONOMESH CABLE TRAY
(ORDERED SEPARATELY)

TM-ACC-KNB02

TM-ACC-KNB02

TM-ACC-KNB02

TMX-XX-118
MONOMESH CABLE TRAY
AND ACCESSORIES
(ORDERED SEPARATELY)
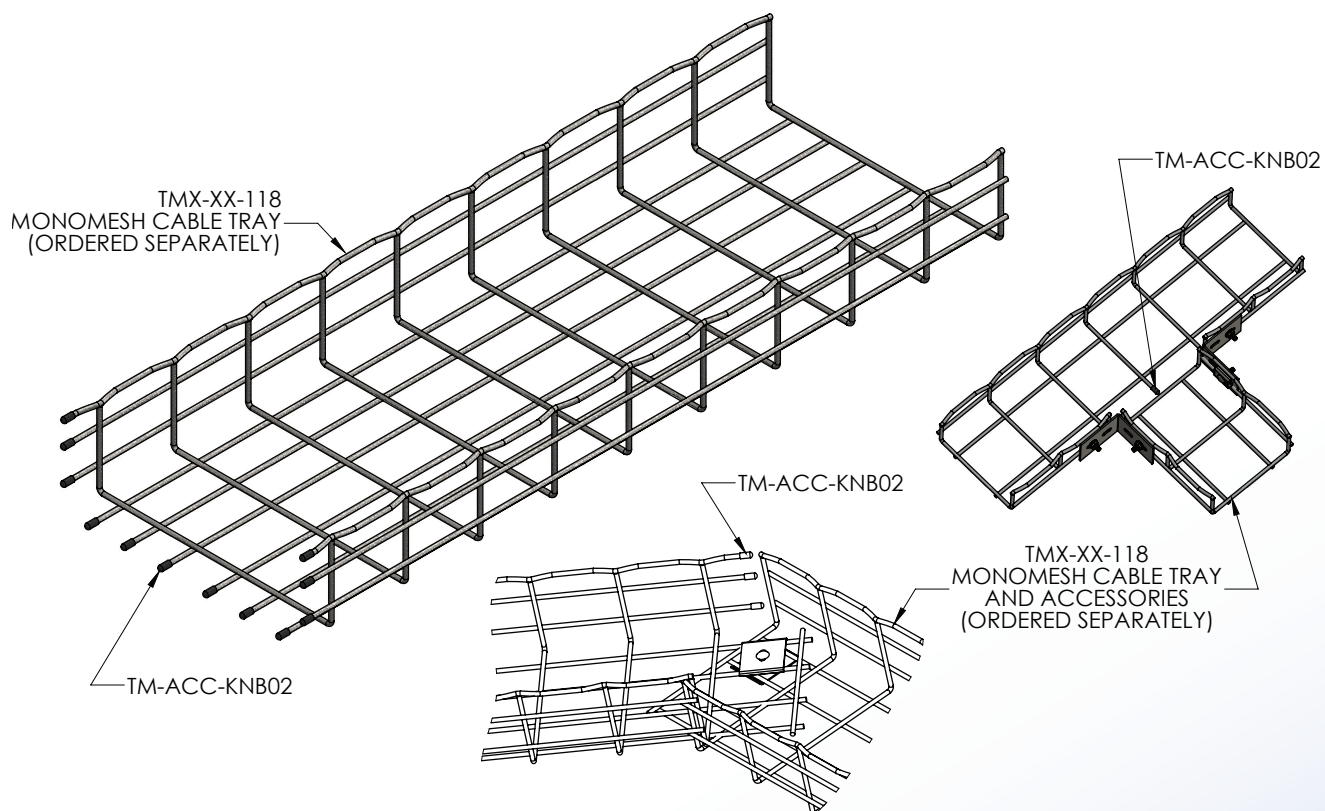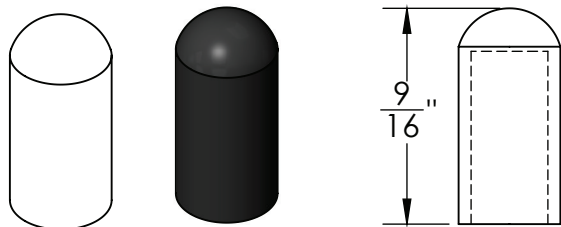
MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-CPL-ANG90-PR

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

90º CORNER BRACKET, 4" & 6" HIGH T-WELD MESH
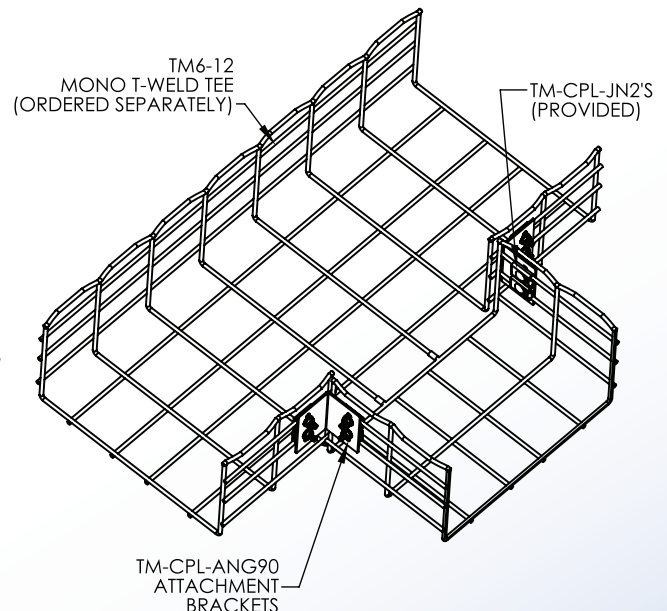

$\varnothing \frac{9}{32}$"

3"

1½"

90°

Notes:

1.) Ordered as a pair. Each TM-CPL-ANG90-PR includes: (2) 90º attachment brackets, (8) TM-CPL-JN2 attachment clips, and attachment hardware.

2.) Attach TM-CPL-ANG90 bracket to outer mesh corner using with TM-CPL-JN2 clip and serrated nut 1/4-20 x 1" long carriage bolt, capture on other side of mesh.

3.) Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-m].

4.) For coupling sides of 2"H T-weld mesh use part TM2-CPL-ANG90-PR.

5.) Views for reference, do not scale.
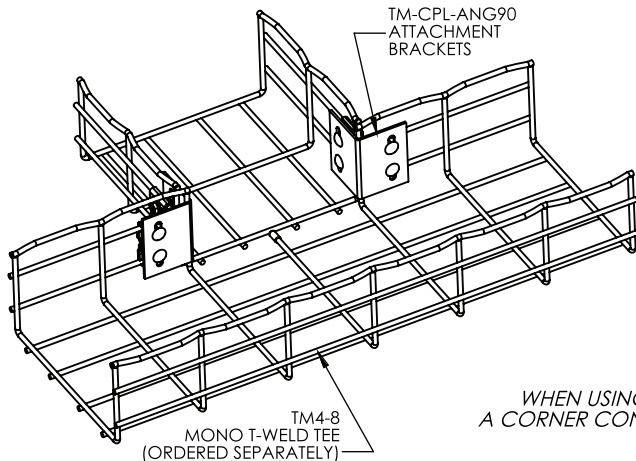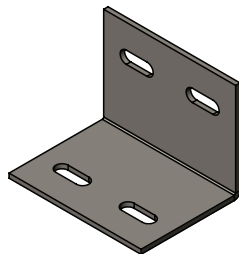
CLASSIFIED
c UL us

EACH TM-CPL-ANG90-PR INCLUDES:

(2) ATTACHMENT BRACKETS,
(8) TM-CPL-JN2 MESH CLIP
(8) Z0-0033 1/4-20x1" CARRIAGE BOLT
(8) Z0-0036 SERRATED FLANGED NUT

TM-CPL-ANG90
ATTACHMENT
BRACKETS

TM4-8
MONO T-WELD TEE
(ORDERED SEPARATELY)

WHEN USING AS A CORNER CONNECTOR

TM6-12
MONO T-WELD TEE
(ORDERED SEPARATELY)

TM-CPL-JN2'S
(PROVIDED)

TM-CPL-ANG90
ATTACHMENT
BRACKETS

ORDERING DATA EXAMPLE:

TM-CPL-ANG90-XX-PR

MATERIAL

(LEAVE BLANK) ZINC PLATED STEEL
HD = HDGAF
SS = 304 STAINLESS STEEL

MonoSystems
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
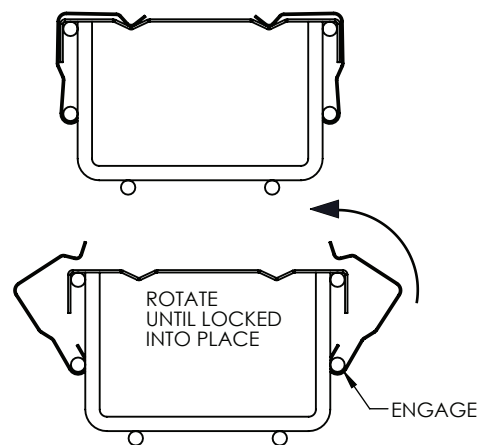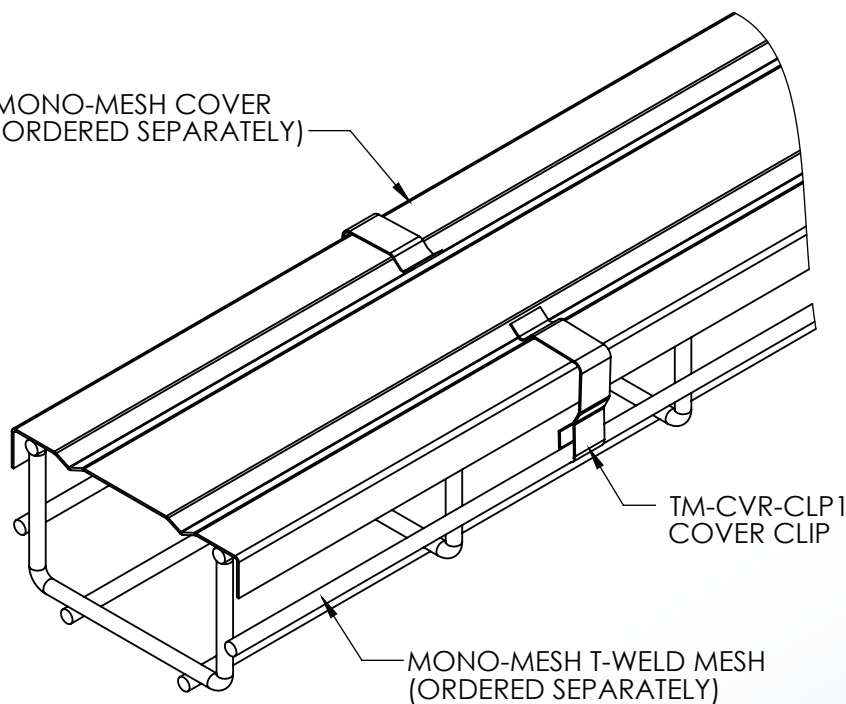# TM-CVR-CLP1

COVER CLIP

Dimensions:
- 1.19"
- 77°
- 1.540"
- .23
- 1/2"

Notes:

1.) Attach cover clip to mesh longitudinal wire and press forward onto cover until clip locks into place.

2.) Clip material: 0.025" X .5" T301SS half-hard.

3.) Views for reference, do not scale.
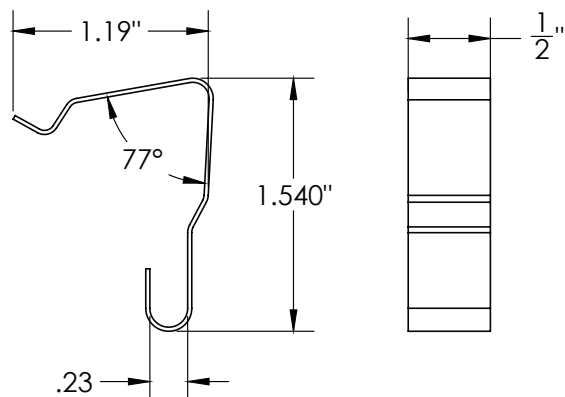
ROTATE UNTIL LOCKED INTO PLACE

ENGAGE

MONO-MESH COVER (ORDERED SEPARATELY)

TM-CVR-CLP1 COVER CLIP

MONO-MESH T-WELD MESH (ORDERED SEPARATELY)

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-DIV-CLP1
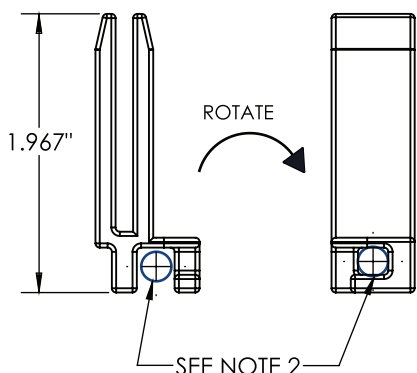
MonoMesh™ Accessories
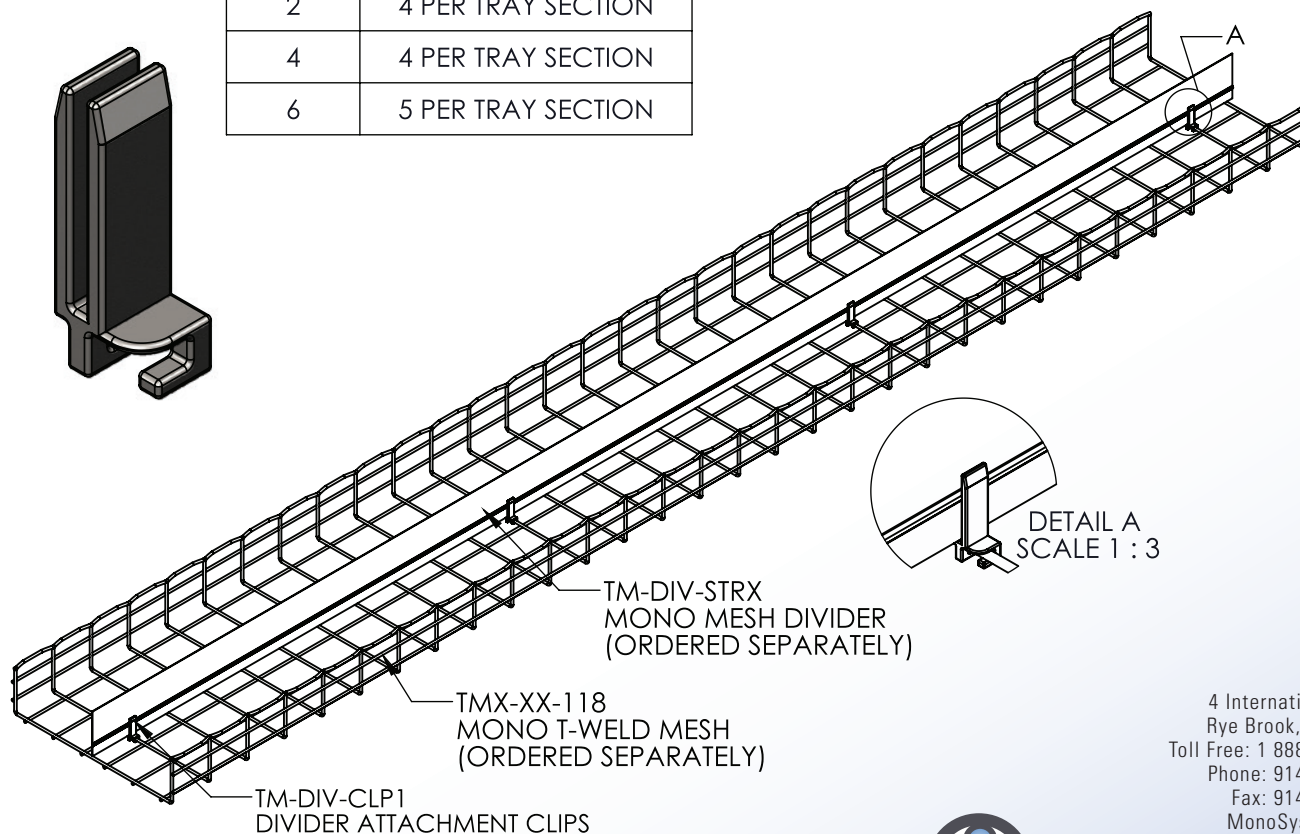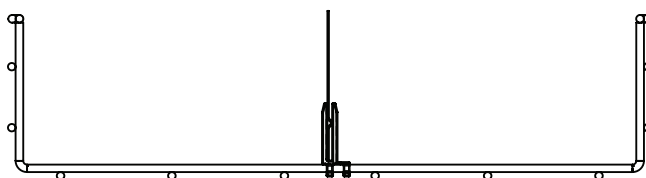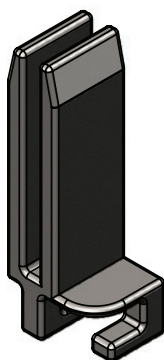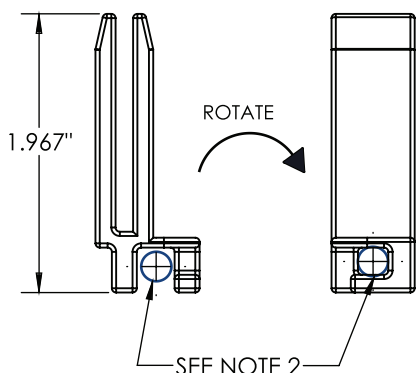**Manufactured by MonoSystems, Inc.**

DIVIDER ATTACHMENT CLIP

1.967"

ROTATE

SEE NOTE 2

Notes:

1.) Ordered as each. Use for the attachment of TM-DIV-STRX MonoMesh divider strips (ordered separately).

2.) To install: position TM-DIV-CLP1 divider attachment clips to mesh and capture around mesh wire by rotating clip 90º. Snap divider (ordered separately) downward into clips.

3.) Views for reference, do not scale.

DIVIDER HEIGHT	MINIMUM DIVIDER CLIPS REQUIRED
2	4 PER TRAY SECTION
4	4 PER TRAY SECTION
6	5 PER TRAY SECTION

A

DETAIL A
SCALE 1 : 3

TM-DIV-STRX
MONO MESH DIVIDER
(ORDERED SEPARATELY)

TMX-XX-118
MONO T-WELD MESH
(ORDERED SEPARATELY)

TM-DIV-CLP1
DIVIDER ATTACHMENT CLIPS

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-DIV-CLP1

DIVIDER ATTACHMENT CLIP

1.967"

ROTATE

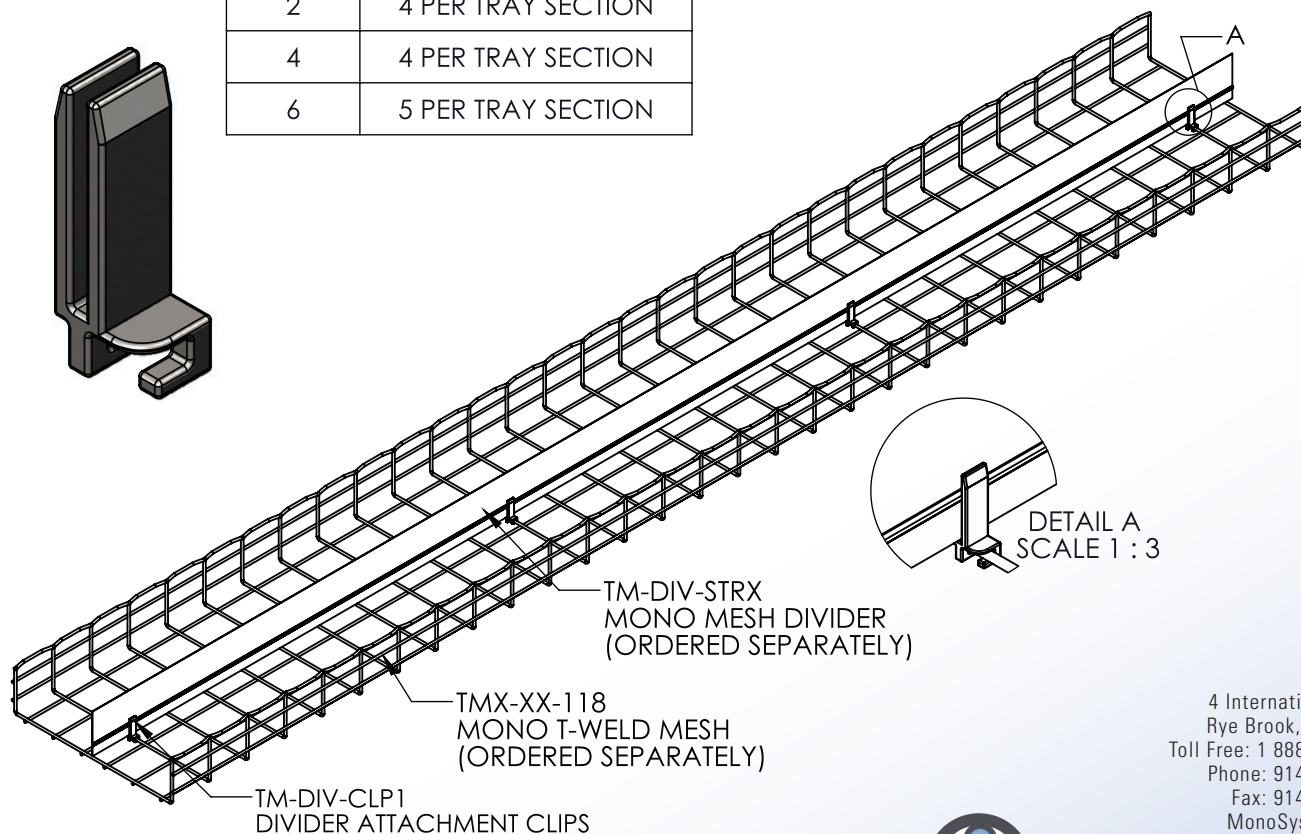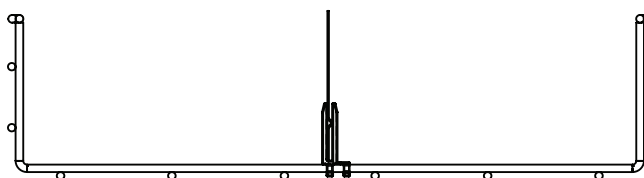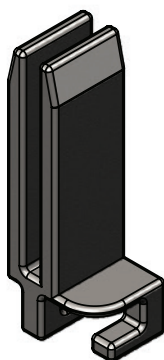SEE NOTE 2

Notes:

1.) Ordered as each. Use for the attachment of TM-DIV-STRX MonoMesh divider strips (ordered separately).

2.) To install: position TM-DIV-CLP1 divider attachment clips to mesh and capture around mesh wire by rotating clip 90º. Snap divider (ordered separately) downward into clips.

3.) Views for reference, do not scale.

DIVIDER HEIGHT	MINIMUM DIVIDER CLIPS REQUIRED
2	4 PER TRAY SECTION
4	4 PER TRAY SECTION
6	5 PER TRAY SECTION

A

DETAIL A
SCALE 1 : 3

TM-DIV-STRX
MONO MESH DIVIDER
(ORDERED SEPARATELY)

TMX-XX-118
MONO T-WELD MESH
(ORDERED SEPARATELY)

TM-DIV-CLP1
DIVIDER ATTACHMENT CLIPS

MonoSystems™
Expect. Direct.

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

MONOMESH DIVIDER STRIP

2"
1"

TM-DIV-STR2
2"HIGH DIVIDER

4"
1"

TM-DIV-STR4
4"HIGH DIVIDER

6"
1"

TM-DIV-STR6
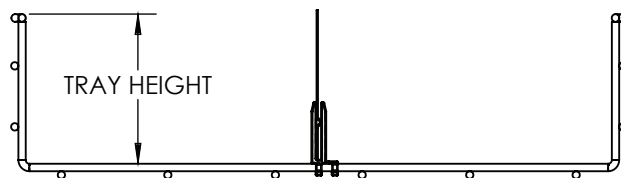6"HIGH DIVIDER

Notes:

1.) Ordered as each. Supplied standard in 10ft lengths allowing for mating tray coverage and alignment overlap with adjacent runs. Use to create multiple compartments within a straight length of MonoMesh.

2.) To install: position TM-DIV-CLP1 divider attachment clips (Ordered separately) to mesh and capture around mesh wire by rotating clip 90º. Snap divider downward into clips.

3.) Divider material: 22GA galv. steel.

4.) Manufactured and tested in conformance with NEMA VE-1 standards.

5.) Views for reference, do not scale.

CLASSIFIED
c UL us
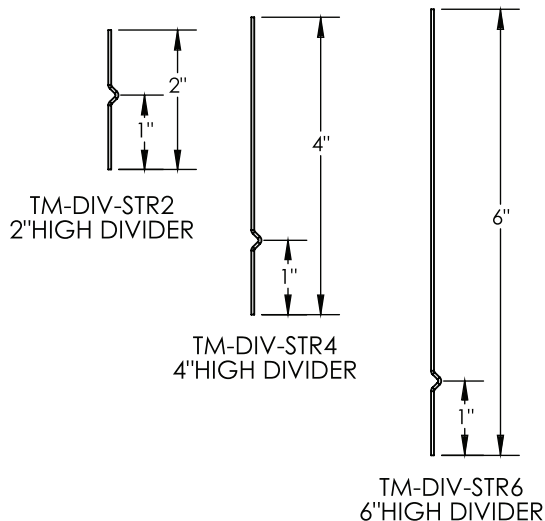
DIVIDER HEIGHT	MINIMUM TM-DIV-CPL1 DIVIDER CLIPS REQUIRED (ORDERED SEPARATELY)
2	4 PER TRAY SECTION
4	4 PER TRAY SECTION
6	5 PER TRAY SECTION

TRAY HEIGHT

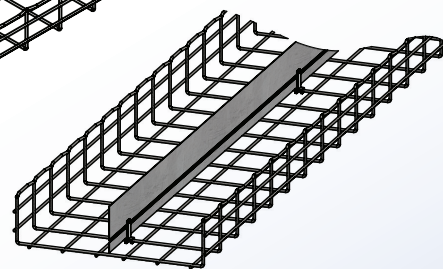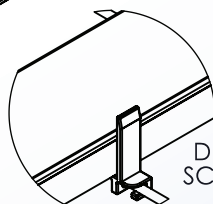## ORDERING DATA EXAMPLE:

TM-DIV-STR X

TRAY HEIGHT

2 = 2" HIGH
4 = 4" HIGH
6 = 6" HIGH

TM-DIV-CLP1
DIVIDER ATTACHMENT CLIPS
(ORDERED SEPARATELY)

TM-DIV-STRX
MONO MESH
DIVIDER

TMX-XX-118
MONO MESH
(ORDERED SEPARATELY)

A

DETAIL A
SCALE 1 : 3

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
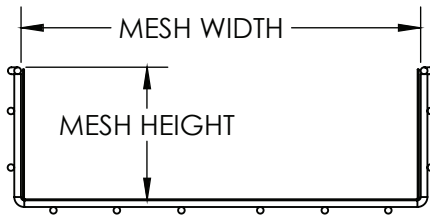Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TMX-XX-SBI

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.
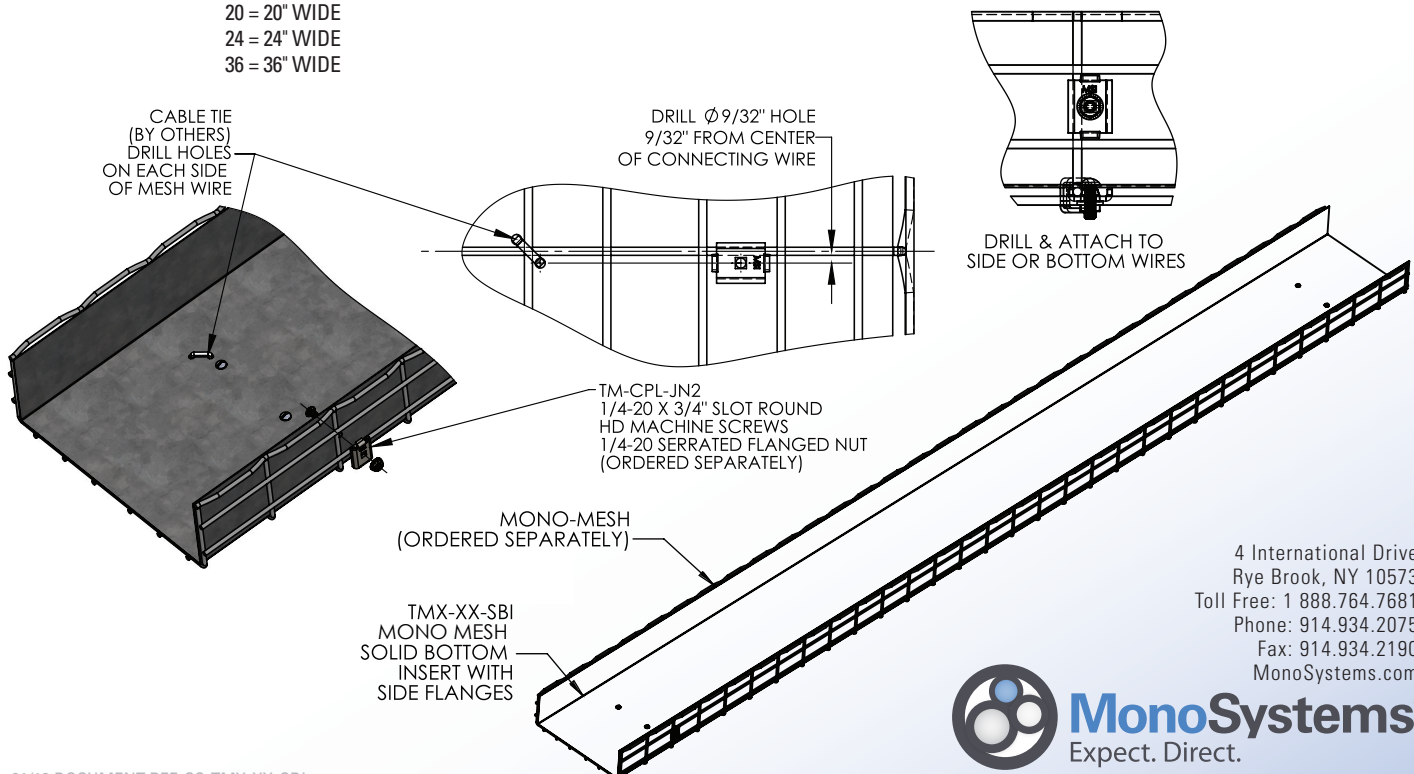
MESH WIDTH

MESH HEIGHT

CLASSIFIED
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MONOMESH SOLID BOTTOM INSERT WITH SIDE FLANGES

Notes:

1.) Ordered as each. Use to create a solid surface within inner walls and bottom of straight length MonoMesh or Mono T-Weld Mesh.

2.) 120" Length standard.

3.) Pre-galv. Material: 22GA G90 steel.

4.) For solid bottom divider (not shown) see part number TM-DIV-STRLX (ordered separately).

5.) For solid flat insert without side flanges see part number TM-XX-SFI (ordered separately).

6.) Views for reference, do not scale.

Installation Instructions:

1.) Place solid bottom insert within mesh cable tray.

2.) If desired, the inlays can be field-drilled and coupled to the mesh using TM-CPL-JN2 connectors, ø1/4" round head machine screws, and serrated flange hex nuts (all ordered separately use (4) of each per tray). The inlays can also be field-drilled and coupled to the mesh using cable ties (by others).

ORDERING DATA EXAMPLE:

TM X - XX -SBI- XX

MESH HEIGHT	MESH WIDTH	FINISH OPTIONS
2 = 2" HIGH	3 = 3" WIDE	LEAVE BLANK = PRE-GALV. STEEL
4 = 4" HIGH	6 = 6" WIDE	PB = PAINTED BLACK
6 = 6" HIGH	8 = 8" WIDE	PR = PAINTED RED
	10 = 10" WIDE	PW = PAINTED WHITE
	12 = 12" WIDE	PY = PAINTED YELLOW
	16 = 16" WIDE	SS34 = 304 STAINLESS STEEL WIRE
	18 = 18" WIDE	(USED FOR HDGAF TRAY)
	20 = 20" WIDE	
	24 = 24" WIDE	
	36 = 36" WIDE	

CABLE TIE
(BY OTHERS)
DRILL HOLES
ON EACH SIDE
OF MESH WIRE

DRILL Ø9/32" HOLE
9/32" FROM CENTER
OF CONNECTING WIRE

DRILL & ATTACH TO
SIDE OR BOTTOM WIRES

TM-CPL-JN2
1/4-20 X 3/4" SLOT ROUND
HD MACHINE SCREWS
1/4-20 SERRATED FLANGED NUT
(ORDERED SEPARATELY)

MONO-MESH
(ORDERED SEPARATELY)

TMX-XX-SBI
MONO MESH
SOLID BOTTOM
INSERT WITH
SIDE FLANGES

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
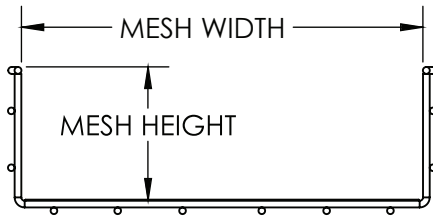Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
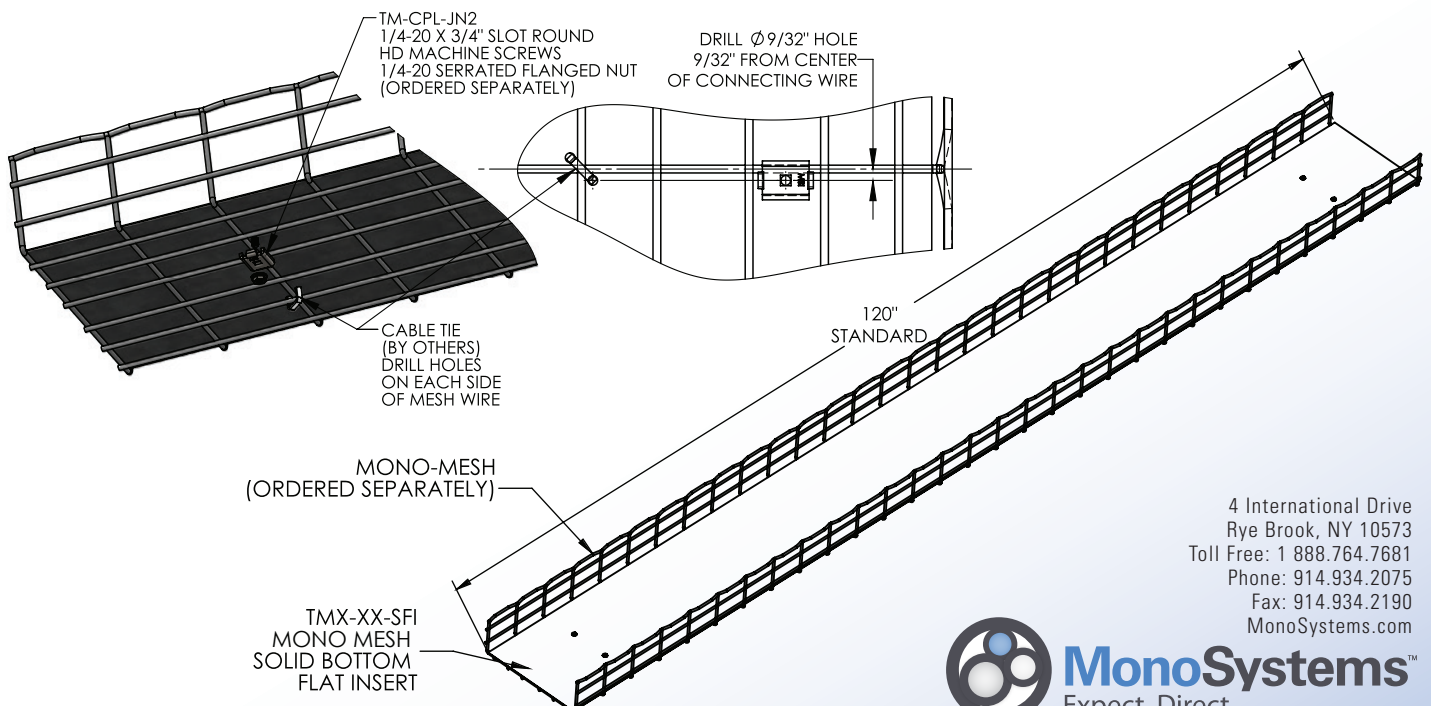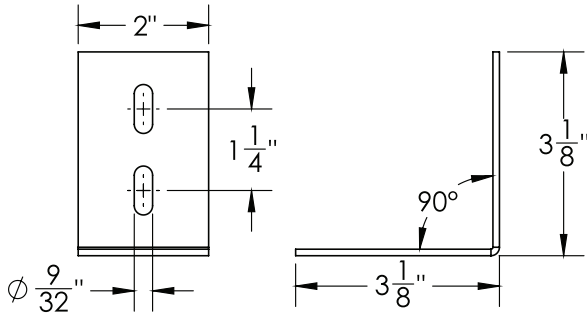# TM-XX-SFI

MESH WIDTH

MESH HEIGHT

CLASSIFIED
c (UL) us

MONOMESH SOLID FLAT INSERT

Notes:

1.) Ordered as each. Use to create a solid flat bottom surface within a straight length of MonoMesh.

2.) 120" Length standard.

3.) Pre-galv. Material: 22GA G90 steel.

4.) For solid bottom divider (not shown) see part number TM-DIV-STRLX (ordered separately).

5.) For solid bottom insert with side flanges see part number TMX-XX-SBI (ordered separately).

6.) Views for reference, do not scale.

Installation Instructions:

1.) Place solid bottom insert within mesh cable tray.

2.) If desired, the inlays can be field-drilled and coupled to the mesh using TM-CPL-JN2 connectors, ø1/4" round head machine screws, and serrated flange hex nuts (all ordered separately use (4) of each per tray). The inlays can also be field-drilled and coupled to the mesh using cable ties (by others).

ORDERING DATA EXAMPLE:

TM-XX-SFI-XX

MESH WIDTH

3 = 3" WIDE
6 = 6" WIDE
8 = 8" WIDE
10 = 10" WIDE
12 = 12" WIDE
16 = 16" WIDE
18 = 18" WIDE
20 = 20" WIDE
24 = 24" WIDE

FINISH OPTIONS

LEAVE BLANK = PRE-GALV. STEEL
PB = PAINTED BLACK
PR = PAINTED RED
PW = PAINTED WHITE
PY = PAINTED YELLOW
SS34 = 304 STAINLESS STEEL
(USED FOR HDGAF TRAY)
POLY = BLACK POLY (NON-METALLIC)

TM-CPL-JN2
1/4-20 X 3/4" SLOT ROUND
HD MACHINE SCREWS
1/4-20 SERRATED FLANGED NUT
(ORDERED SEPARATELY)

DRILL Ø9/32" HOLE
9/32" FROM CENTER
OF CONNECTING WIRE

CABLE TIE
(BY OTHERS)
DRILL HOLES
ON EACH SIDE
OF MESH WIRE

120"
STANDARD

MONO-MESH
(ORDERED SEPARATELY)

TMX-XX-SFI
MONO MESH
SOLID BOTTOM
FLAT INSERT

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

90º CORNER BRACKET, FOR 2" HIGH T-WELD MESH

2"

$1\frac{1}{4}$"

90º

$3\frac{1}{8}$"

$3\frac{1}{8}$"

$\varnothing \frac{9}{32}$"

CLASSIFIED
c(UL)us

Notes:

1.) Ordered as a pair. Each TM2-CPL-ANG90-PR includes: (2) 90º attachment brackets, (4) TM-CPL-JN2 attachment clips, and attachment hardware.

2.) Attach TM2-CPL-ANG90 bracket to outer mesh corner using 1/4-20 x 1" long carriage bolt, capture on other side of mesh material 2" with TM-CPL-JN2 clip and serrated nut.

3.) Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-m].

4.) For coupling sides of 4" or 6" high t-weld mesh use part TM-CPL-ANG90-PR.

5.) Views for reference, do not scale.

ORDERING DATA EXAMPLE:

TM2-CPL-ANG90-XX-PR

MATERIAL
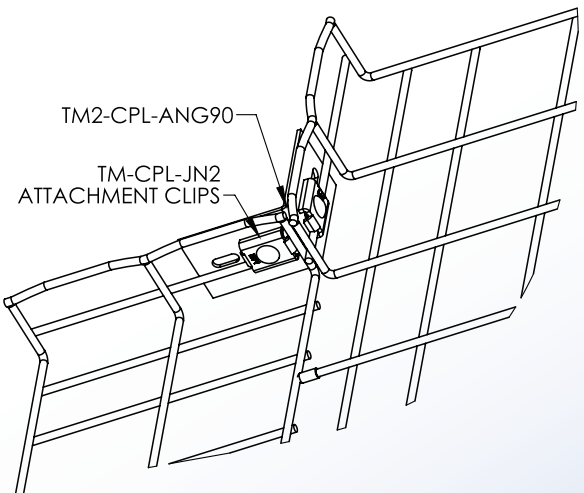
(LEAVE BLANK) ZINC PLATED STEEL
HD = HDGAF
SS = 304 STAINLESS STEEL
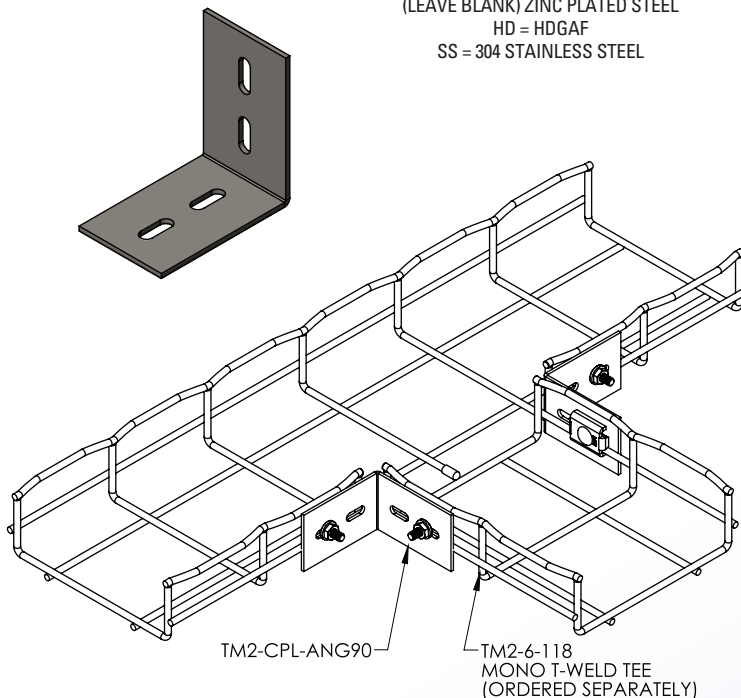
EACH TM-CPL-ANG90-PR INCLUDES:
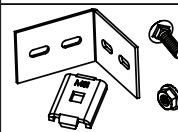
(2) ATTACHMENT BRACKETS,
(4) TM-CPL-JN2 MESH CLIP
(4) Z0-0033 1/4-20x1" CARRIAGE BOLT
(4) Z0-0036 SERRATED FLANGED NUT

TM2-CPL-ANG90

TM2-6-118
MONO T-WELD TEE
(ORDERED SEPARATELY)

TM2-CPL-ANG90

TM-CPL-JN2
ATTACHMENT CLIPS

WHEN USING AS A CORNER CONNECTOR

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
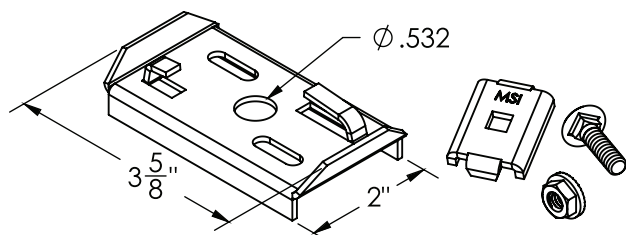Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MM-HNG-CCH1

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

CENTER HANGER BRACKET

EACH MM-HNG-CCH1 INCLUDES:
(1) ATTACHMENT BRACKET, (1) TM-CPL-JN2 MESH CLIP
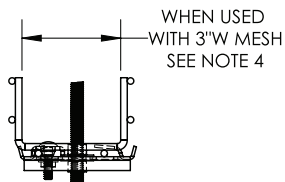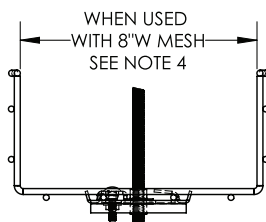AND (1) Z0-0033 1/4-20x1" CARRIAGE BOLT
(1) Z0-0036 SERRATED FLANGED NUT

Ø .532

$3\frac{5}{8}$"

2"

For all mesh tray types 3" wide or 8" wide

Notes:

1.) Each MM-HNG-CCH1 ordered separately.

2.) Material: 12GA zinc plated steel.

3.) Allows tray to be mounted at a single point.

4.) For use with all mesh tray types 3" or 8" wide.
If supporting 6" or 10" wide mesh use P/N: MM-HNG-CCH3
If supporting mesh tray over 10" wide use P/N: MM-HNG-CCH2

5.) Views for reference, do not scale.

CLASSIFIED
c UL us

WHEN USED
WITH 8"W MESH
SEE NOTE 4

WHEN USED
WITH 3"W MESH
SEE NOTE 4

MONO T-WELD MESH TRAY
(ORDERED SEPARATELY)

MONO MESH TRAY
(ORDERED SEPARATELY)

1/2" THREADED
ROD & HARDWARE
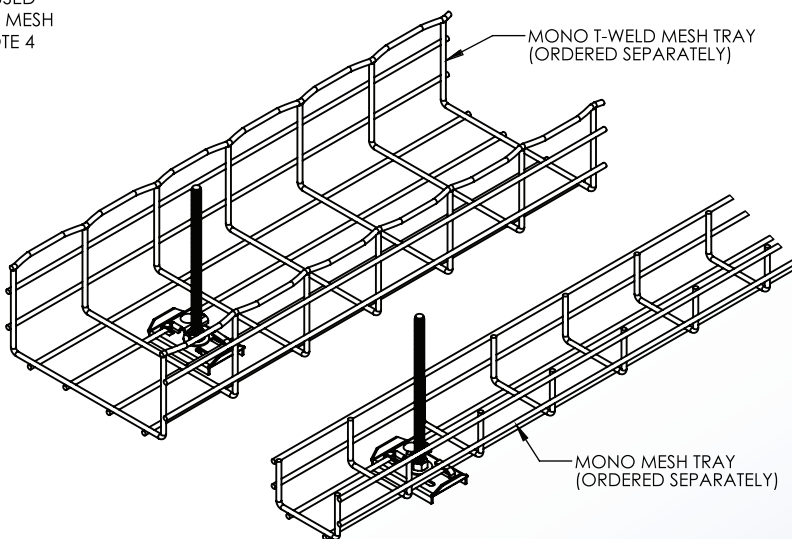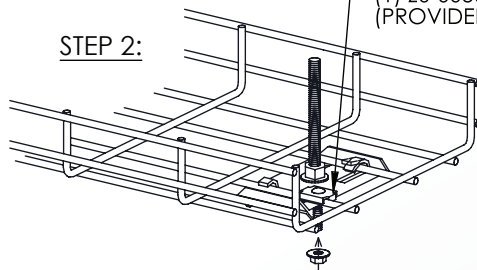(BY OTHERS)

BEND TABS
DOWN

STEP 1:
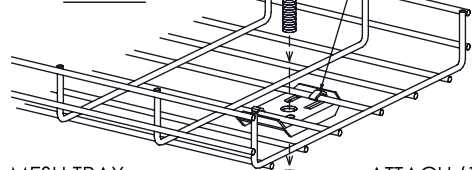
MESH TRAY
(ORDERED SEPARATELY)

ATTACH (1) MM-CPL-JN2 CLIP USING
(1) Z0-0033 1/4-20x1" CARRIAGE BOLT &
(1) Z0-0036 SERRATED FLANGED NUT
(PROVIDED)

STEP 2:

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
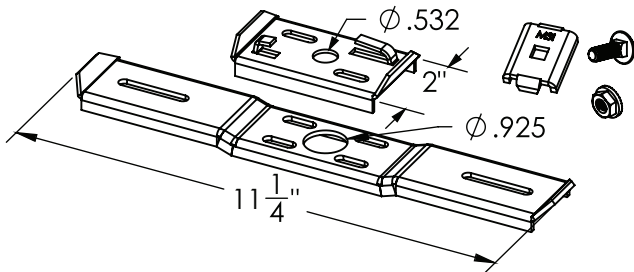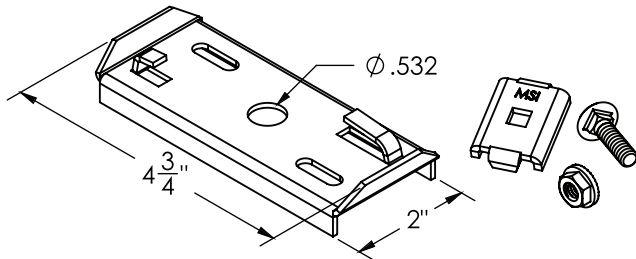Fax: 914.934.2190
MonoSystems.com

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MM-HNG-CCH2

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

CENTER HANGER BRACKET

For all mesh tray types over 10"wide

Notes:

1.) Each MM-HNG-CCH2 ordered separately.

2.) Material: 12GA zinc plated steel.

3.) Allows tray to be mounted at a single point.

4.) For use with all mesh tray types over 10" wide.
If supporting 3" or 8" wide mesh use P/N: MM-HNG-CCH1
If supporting 6" or 10" wide mesh use P/N: MM-HNG-CCH3

5.) Views for reference, do not scale.

EACH MM-HNG-CCH2 INCLUDES:
(1) 2-PIECE BRACKET, (1) TM-CPL-JN2 MESH CLIP AND
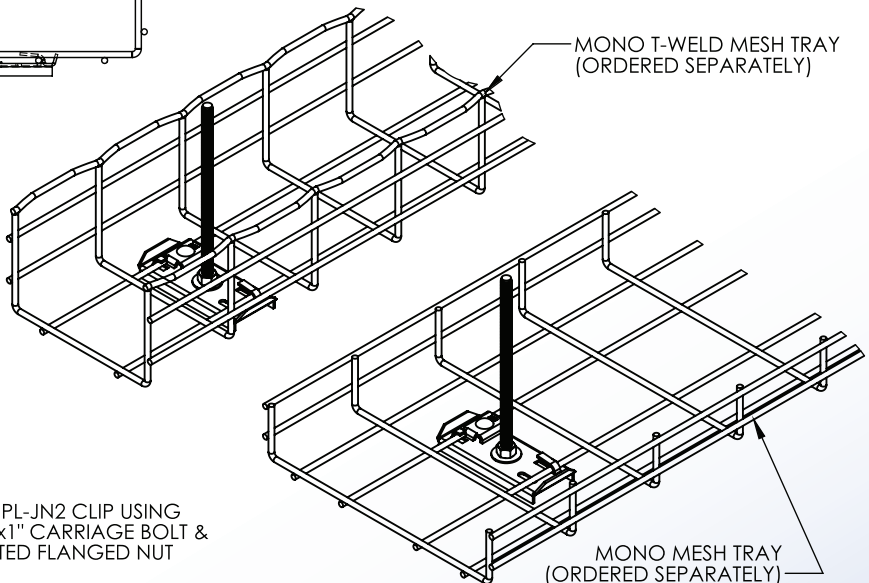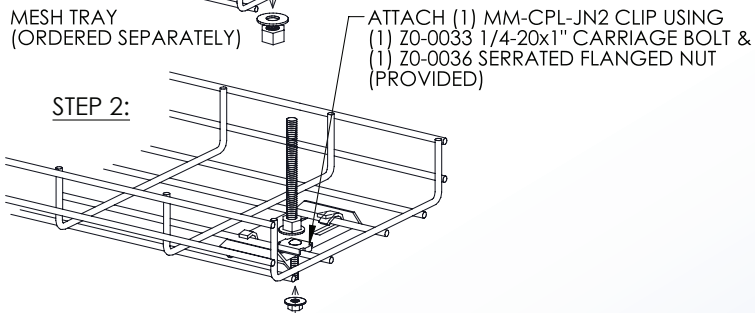(1) Z0-0033 1/4-20x1" CARRIAGE BOLT
(1) Z0-0036 SERRATED FLANGED NUT

Ø .532
2"
Ø .925
11 1/4"

1/2" THREADED
ROD & HARDWARE
(BY OTHERS)

BEND TABS
DOWN

STEP 1:

MONO T-WELD MESH TRAY
(ORDERED SEPARATELY)

WITH SUPPORT RUNNING ABOVE

WITH SUPPORT RUNNING BELOW

ADDITIONAL HARDWARE
(ORDERED SEPARATELY)

FLT3 FLOOR SUPPORT
(ORDERED SEPARATELY)

1/2" THREADED ROD
SLEEVE & HARDWARE
(ORDERED SEPARATELY)

MESH TRAY
(ORDERED SEPARATELY)

STEP 2:

ALIGN AND ATTACH FLUSH
LOWER PORTION OF MM-HNG-CCH2
HANGER BRACKET
(1/2" HARDWARE AND ROD BY OTHERS)

ATTACH (1) MM-CPL-JN2 CLIP USING
(1) Z0-0033 1/4-20x1" CARRIAGE BOLT &
(1) Z0-0036 SERRATED FLANGED NUT
(PROVIDED)

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MM-HNG-CCH3

CENTER HANGER BRACKET

For all mesh tray types 3" wide or 8" wide

Notes:

1.) Each MM-HNG-CCH1 ordered separately.

2.) Material: 12GA zinc plated steel.

3.) Allows tray to be mounted at a single point.

4.) For use with all mesh tray types 3" or 8" wide.
If supporting 6" or 10" wide mesh use P/N: MM-HNG-CCH3
If supporting mesh tray over 10" wide us P/N: MM-HNG-CCH2

5.) Views for reference, do not scale.

EACH MM-HNG-CCH3 INCLUDES:
(1) ATTACHMENT BRACKET, (1) TM-CPL-JN2 MESH CLIP
AND (1) Z0-0033 1/4-20x1" CARRIAGE BOLT
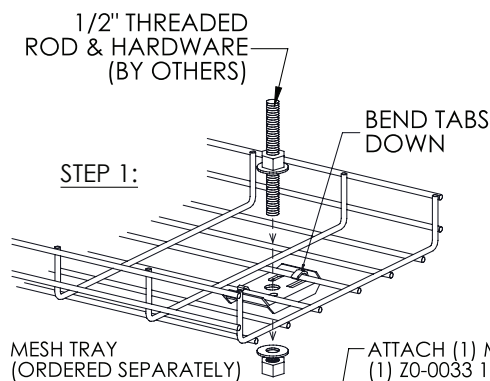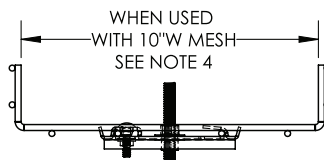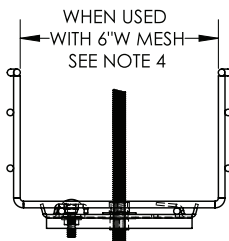(1) Z0-0036 SERRATED FLANGED NUT

Ø .532

$4\frac{3}{4}$"

2"

CLASSIFIED
c UL us

WHEN USED
WITH 6"W MESH
SEE NOTE 4

WHEN USED
WITH 10"W MESH
SEE NOTE 4

MONO T-WELD MESH TRAY
(ORDERED SEPARATELY)

1/2" THREADED
ROD & HARDWARE
(BY OTHERS)

BEND TABS
DOWN

STEP 1:

MESH TRAY
(ORDERED SEPARATELY)

ATTACH (1) MM-CPL-JN2 CLIP USING
(1) Z0-0033 1/4-20x1" CARRIAGE BOLT &
(1) Z0-0036 SERRATED FLANGED NUT
(PROVIDED)

MONO MESH TRAY
(ORDERED SEPARATELY)

STEP 2:

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-HNG-CCH1

CENTER HANGER BRACKET

For all mesh tray types 3" wide or 8" wide

Notes:

1.) Each TM-HNG-CCH1 ordered separately.

2.) Material: 12GA zinc plated steel.

3.) Allows tray to be mounted at a single point.

4.) For use with all mesh tray types 3" or 8" wide.
   If supporting 6" or 10" wide mesh use P/N: TM-HNG-CCH3
   If supporting mesh tray over 10" wide use P/N: TM-HNG-CCH2
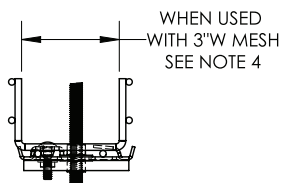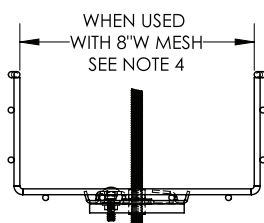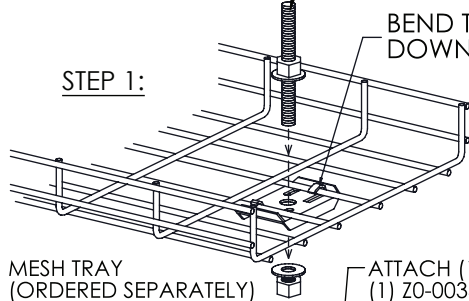
5.) Views for reference, do not scale.

EACH TM-HNG-CCH1 INCLUDES:
(1) ATTACHMENT BRACKET, (1) TM-CPL-JN2 MESH CLIP
AND (1) Z0-0033 1/4-20x1" CARRIAGE BOLT
(1) Z0-0036 SERRATED FLANGED NUT

Ø .532

$3\frac{5}{8}$"

2"

CLASSIFIED
c(UL)us

WHEN USED
WITH 8"W MESH
SEE NOTE 4

WHEN USED
WITH 3"W MESH
SEE NOTE 4

MONO T-WELD MESH TRAY
(ORDERED SEPARATELY)

MONO MESH TRAY
(ORDERED SEPARATELY)

1/2" THREADED
ROD & HARDWARE
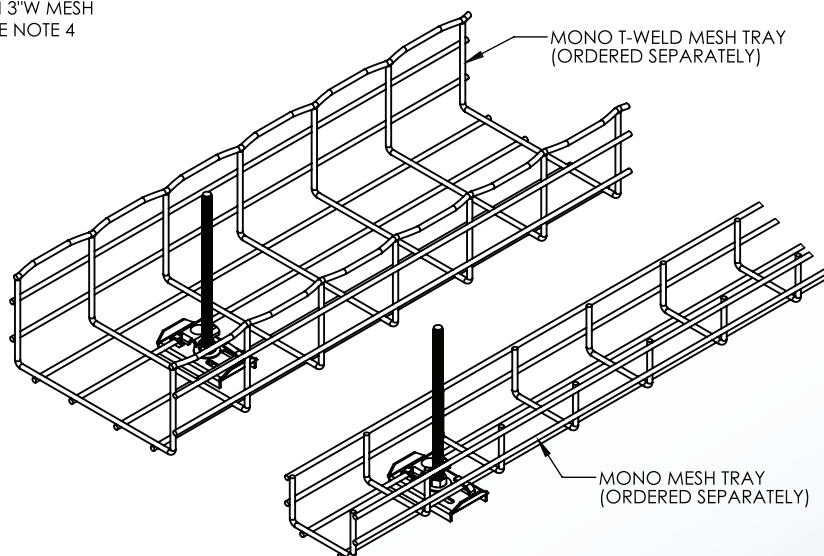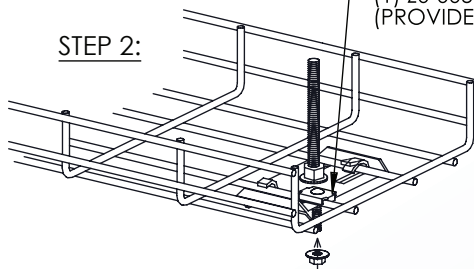(BY OTHERS)

BEND TABS
DOWN

STEP 1:

MESH TRAY
(ORDERED SEPARATELY)

ATTACH (1) TM-CPL-JN2 CLIP USING
(1) Z0-0033 1/4-20x1" CARRIAGE BOLT &
(1) Z0-0036 SERRATED FLANGED NUT
(PROVIDED)

STEP 2:

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-HNG-CCH2

CENTER HANGER BRACKET

For all mesh tray types over 10" wide

Notes:

1.) Each TM-HNG-CCH2 ordered separately.

2.) Material: 12GA zinc plated steel.

3.) Allows tray to be mounted at a single point.

4.) For use with all mesh tray over 10" wide.
   If supporting 3" or 8" wide mesh use P/N: TM-HNG-CCH1
   If supporting 6" or 10" wide mesh use P/N: TM-HNG-CCH3

5.) Views for reference, do not scale.

EACH TM-HNG-CCH2 INCLUDES:
(1) 2-PIECE BRACKET, (1) TM-CPL-JN2 MESH CLIP AND
(1) Z0-0033 1/4-20x1" CARRIAGE BOLT
(1) Z0-0036 SERRATED FLANGED NUT

∅ .532
2"
∅ .925
11 1/4"

CLASSIFIED
c UL us

WITH SUPPORT RUNNING ABOVE

MONO T-WELD MESH TRAY (ORDERED SEPARATELY)

WITH SUPPORT RUNNING BELOW

ADDITIONAL HARDWARE (ORDERED SEPARATELY)

FLT3 FLOOR SUPPORT (ORDERED SEPARATELY)

1/2" THREADED ROD SLEEVE & HARDWARE (ORDERED SEPARATELY)

1/2" THREADED ROD & HARDWARE (BY OTHERS)

BEND TABS DOWN

STEP 1:

MESH TRAY (ORDERED SEPARATELY)

STEP 2:

ALIGN AND ATTACH FLUSH LOWER PORTION OF TM-HNG-CCH2 HANGER BRACKET (1/2" HARDWARE AND ROD BY OTHERS)

ATTACH (1) TM-CPL-JN2 MESH CLIP USING (1) Z0-0033 1/4-20x1" CARRIAGE BOLT & (1) Z0-0036 SERRATED FLANGED NUT (PROVIDED)
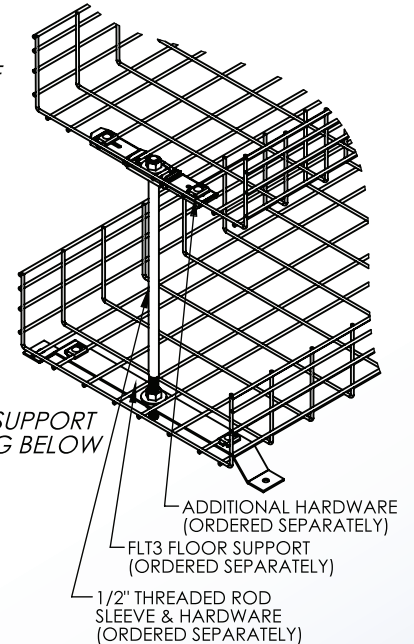
4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
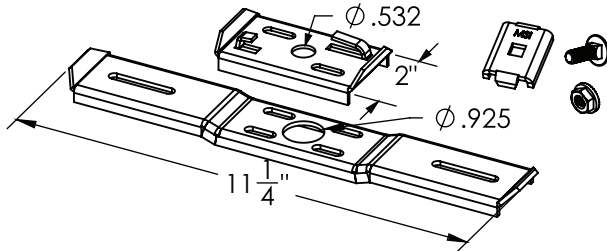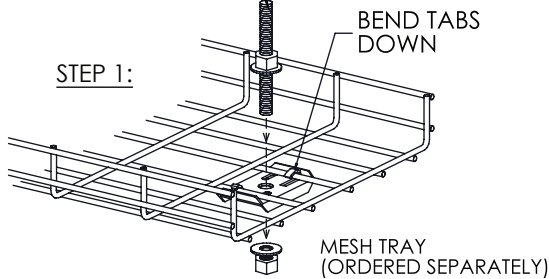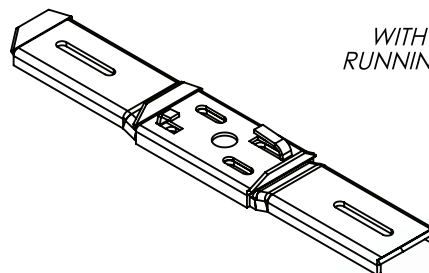Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
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Cable Tray / Wire Mesh Basket Tray
TM-HNG-CCH3

EACH TM-HNG-CCH3 INCLUDES:
(1) ATTACHMENT BRACKET, (1) TM-CPL-JN2 MESH CLIP
AND (1) Z0-0033 1/4-20x1" CARRIAGE BOLT
(1) Z0-0036 SERRATED FLANGED NUT

⌀ .532

$4\frac{3}{4}$"

2"

CENTER HANGER BRACKET
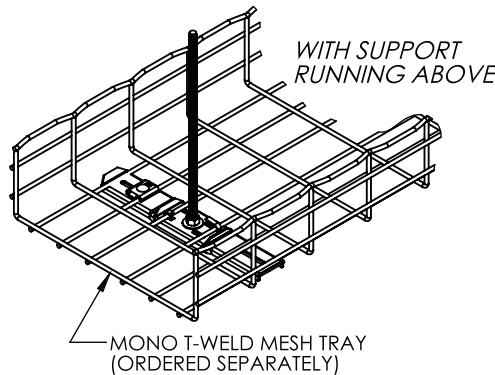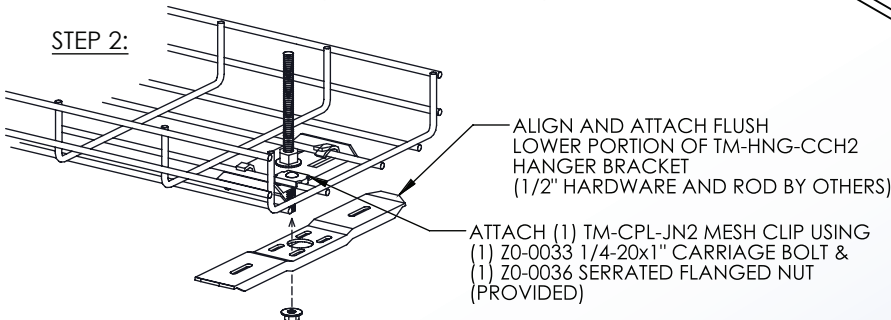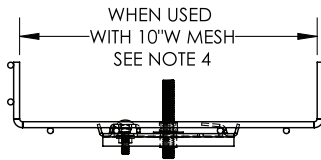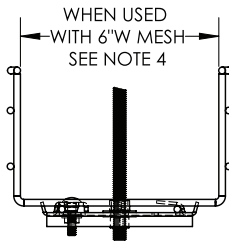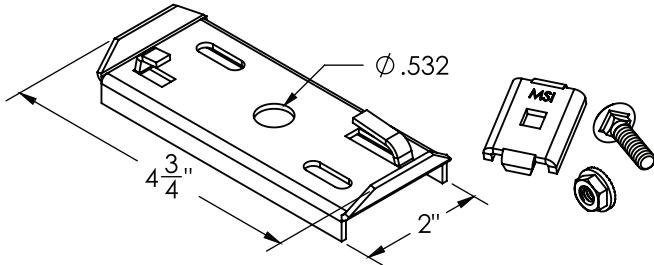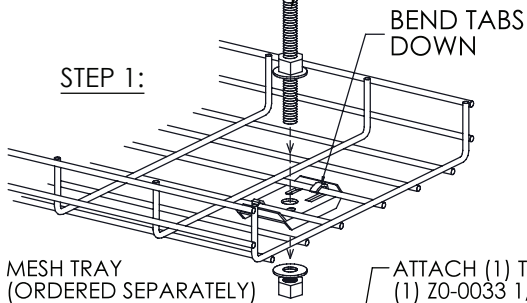
For all mesh tray types 6" wide or 10" wide

Notes:

1.) Each TM-HNG-CCH3 ordered separately.

2.) Material: 12GA zinc plated steel.

3.) Allows tray to be mounted at a single point.

4.) For use with all mesh tray types 6" or 10" wide.
If supporting 3" or 8" wide mesh use P/N: TM-HNG-CCH1
If supporting mesh tray over 10" wide use P/N: TM-HNG-CCH2

5.) Views for reference, do not scale.

CLASSIFIED
c (UL) us

WHEN USED
WITH 6"W MESH
SEE NOTE 4

WHEN USED
WITH 10"W MESH
SEE NOTE 4

MONO T-WELD MESH TRAY
(ORDERED SEPARATELY)

1/2" THREADED
ROD & HARDWARE
(BY OTHERS)

BEND TABS
DOWN

STEP 1:

MESH TRAY
(ORDERED SEPARATELY)

ATTACH (1) TM-CPL-JN2 CLIP USING
(1) Z0-0033 1/4-20x1" CARRIAGE BOLT &
(1) Z0-0036 SERRATED FLANGED NUT
(PROVIDED)

MONO MESH TRAY
(ORDERED SEPARATELY)

STEP 2:

MonoSystems™
Expect. Direct.

Cable Tray / MonoMesh™
TM-CPL-KBT

MONOMESH TO STRUT CLIP

(.63")

(2.91")

Notes:

1.) Attach TM-CPL-KBT clip to mesh longitudinal wire and press down until clip flanges locks into place on strut.

2.) No tools required for clip installation. Fits tray wires from 4mm to 8mm [3/16" to 5/16"]. For positioning only (no load rating).

3.) Views for reference - do not scale.

UNTIL LOCKS INTO PLACE — ENGAGE — UNTIL LOCKS INTO PLACE

MONO T-WELD MESH (ORDERED SEPARATELY)

TM-CPL-KBT MESH TO STRUT CLIP

STEEL STRUT (ORDERED SEPARATELY)

MonoSystems™
Expect. Direct.

Cable Tray / MonoMesh™
TM-CPL-JN2

MONOMESH ATTACHMENT CLIP

1"

□ .275"

MSI

1.42"

1.2"

.265"

CLASSIFIED
c (UL) us
FILE: E80034

Notes:

1.) Each TM-CPL-JN2 ordered separately.

2.) Used to attach MonoMesh cable tray. Install around wire and feed a 1/4-20 carriage bolt (ordered separately). Thru □ hole. Capture on other side of mesh, strut, or clip with a washer and serrated nut (all ordered separately).

3.) UL classified as an equipment ground conductor when spliced as recommended and coating (if applicable) has been completely removed at splice contact points.

4.) Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-m].

5.) Views for reference - do not scale.

(2X) TM-CPL-JN2
EACH ORDERED
SEPARATELY
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)

TM-BRKX
WALL BRACKET
(ORDERED SEPARATELY)

TMX-XX-118
MONOMESH
(ORDERED SEPARATELY)

(2X) TM-CPL-JN2
ATTACHMENT CLIP
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)

TM-X-TRP-X
TRAPEZE SUPPORT
(ORDERED SEPARATELY)

TMX-XX-118
MONOMESH
(ORDERED SEPARATELY)

(2X) TMX-XX-118
MONOMESH
(ORDERED SEPARATELY)

TM-CPL-JN2
ATTACHMENT CLIP
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)

TM-CPL-JN1
(ORDERED SEPARATELY)

TM-CPL-JN1
(ORDERED SEPARATELY)

(2X) TM-CPL-JN2
EACH ORDERED SEPARATELY
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)
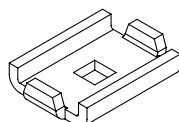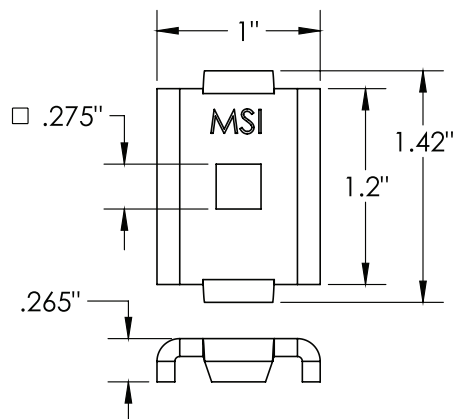
ORDERING DATA EXAMPLE:

TM-CPL-JN2- XX

MATERIAL

(LEAVE BLANK) ZINC PLATED STEEL
HD = HDGAF
SS = 304 STAINLESS STEEL

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
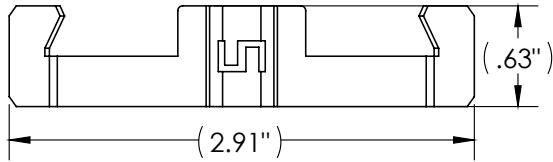Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems
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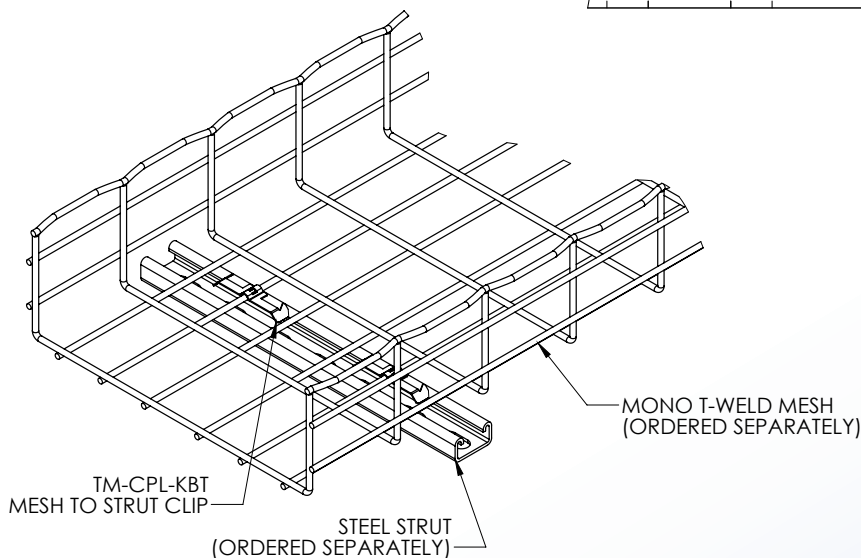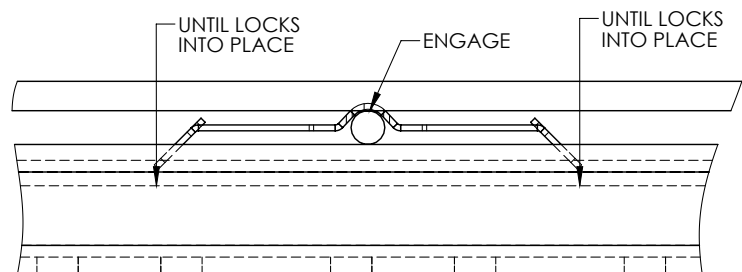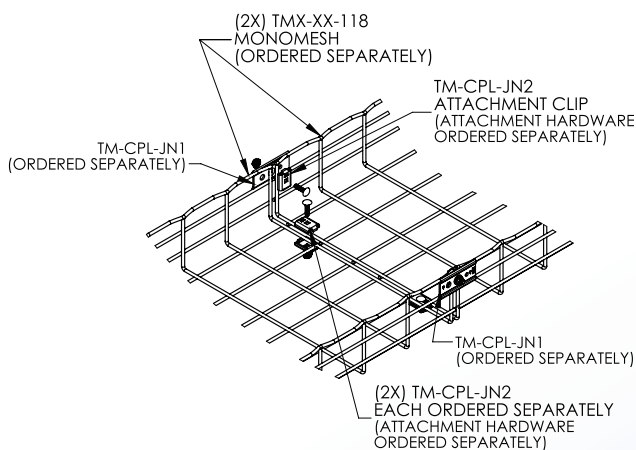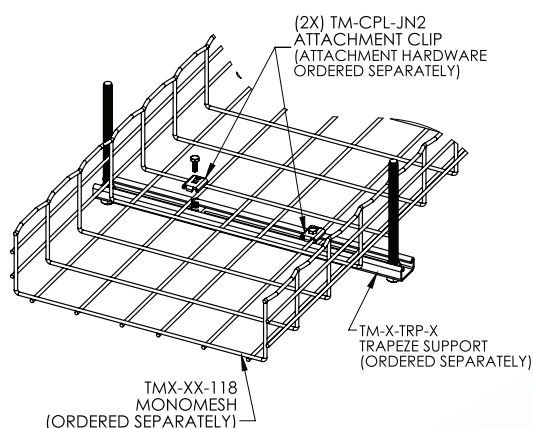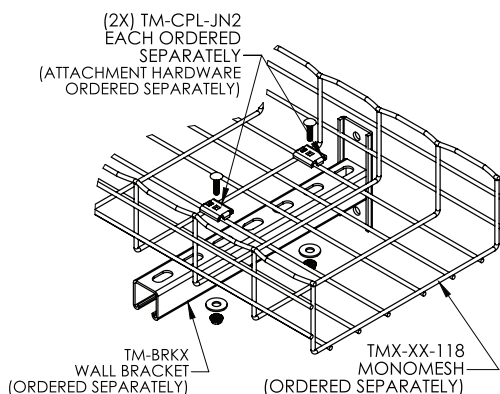# Cable Tray / Wire Mesh Basket Tray
TM-SUP-CTLXX-X

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

SUPPORT SYSTEM

14.25" FOR UP TO 12"W MESH
23.25" FOR UP TO 24"W MESH

$1\frac{1}{8}$"

5.31"

ϕ .563

$1\frac{1}{8}$"

ϕ 1"

TM-SUP-CTLXX-X
(STANDARD)

1.05"

ϕ 1.75"

MM-SUP-CTLXX-1.75-X
(CUSTOM
1-3/4" I.D. U-BOLT)

1.625"

Notes:

1.) Under floor access floor cantilever support system for cable trays. For wider trays, supports may be placed on alternating sides or specify "24" configuration and confirm field fit. Consult factory for cantilever compatibility and additional solutions.

2.) Bracket material: 12GA steel strut material: 1-5/8" x 1-5/8", 12GA steel.

3.) Attach clip to mesh longitudinal wire and press down until clip flanges locks into place on strut.

4.) Views for reference. Do not scale.

CLASSIFIED c(UL)us
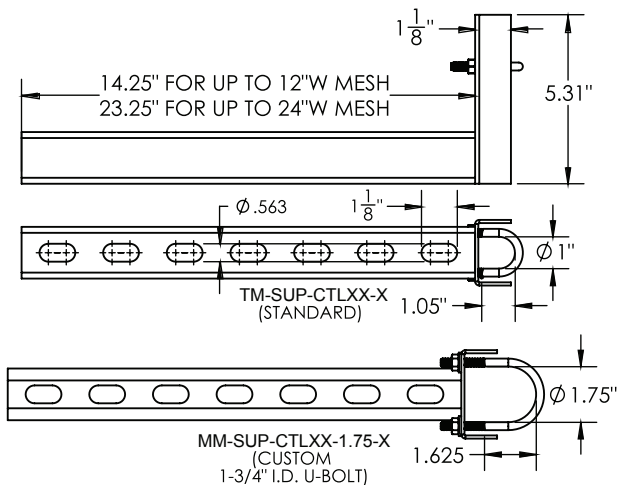
ORDERING DATA EXAMPLE:

TM-SUP-CTL XX - XXX - X

MESH WIDTH

12 = UP TO 12" WIDE MESH
24 = UP TO 24" WIDE MESH

STYLE

OMIT/BLANK =
STANDARD 1" U-BOLT
1.75 = 1-3/4" U-BOLT

MATERIAL

P = PREGALV.
HD = HDGAF
PG = PAINTED GRAY
PB = PAINTED BLACK
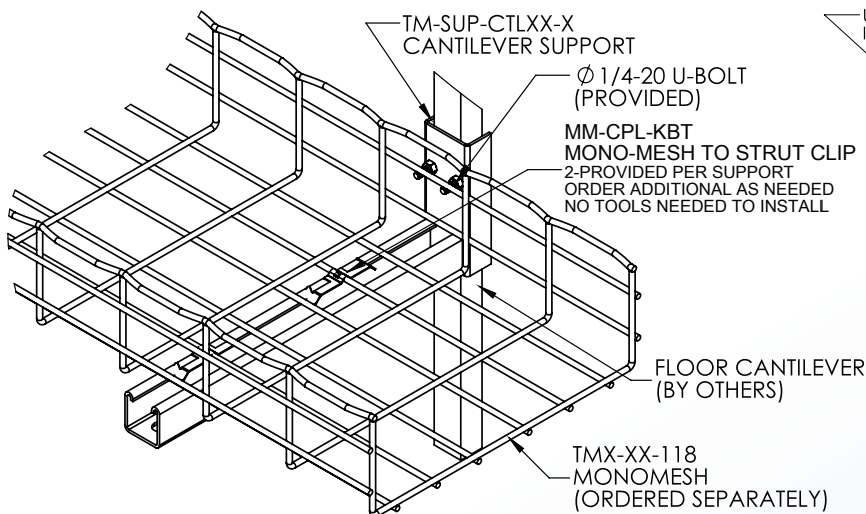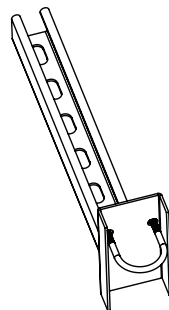
TM-SUP-CTLXX-X
CANTILEVER SUPPORT

ϕ 1/4-20 U-BOLT
(PROVIDED)

MM-CPL-KBT
MONO-MESH TO STRUT CLIP
2-PROVIDED PER SUPPORT
ORDER ADDITIONAL AS NEEDED
NO TOOLS NEEDED TO INSTALL

FLOOR CANTILEVER
(BY OTHERS)

TMX-XX-118
MONOMESH
(ORDERED SEPARATELY)

UNTIL LOCKS INTO PLACE — ENGAGE — UNTIL LOCKS INTO PLACE

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
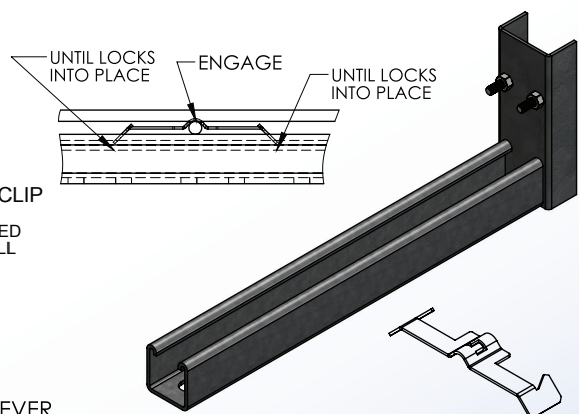Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-ATT-BRK4

T-WELD MESH ATTACHMENT AND SUPPORT BRACKET

Notes:

1.) Ordered as each. Bracket material: 14GA Galv. steel.

2.) Bracket provides quick support mounting or mesh attachment. Mounting slots and carriage bolt holes provided as shown.

3.) To install:
Orient bracket and slide in place capturing lower two side wires (4" H mesh) or middle two side wired (6" H mesh). tabs can be field bent over wires if desired.

4.) Views for reference, do not scale.

TM-ATT-BRK4
MOUNTED WITH FLANGES UPWARD

TM-ATT-BRK4
MOUNTED WITH FLANGES DOWNWARD

MONO T-WELD MESH
(ORDERED SEPARATELY)
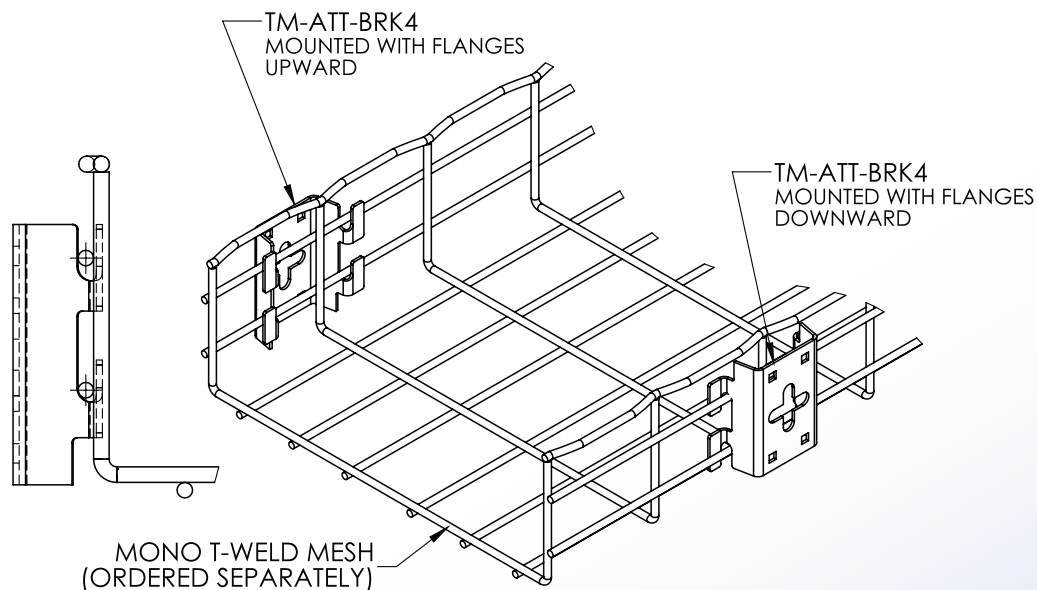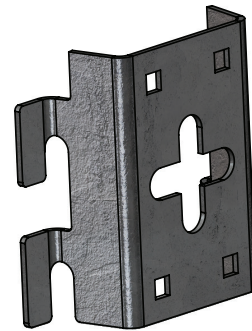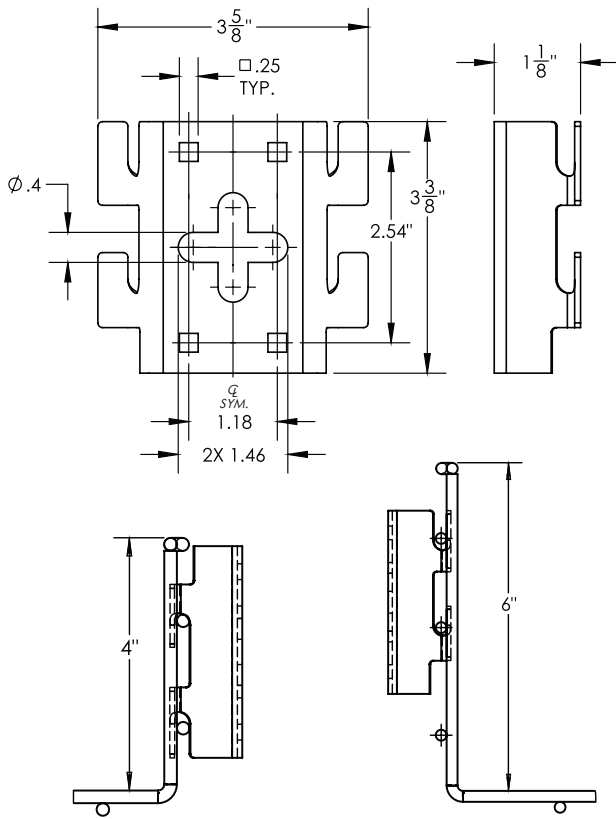
MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-BRKXX

MONOMESH WALL BRACKET

2X ⌀.438
[3/8" CLEARANCE]

2"

5 1/2"
4 9/32"
1 5/8"
1 5/8"

PART LENGTH
TRAY WIDTH + 2"

⌀.563 TYP.

Notes:

1.) Each TM-BRK-XX ordered separately.

2.) Used to support MonoMesh cable tray. Bracket mounting hardware by others.

3.) MonoMesh and MonoMesh attachment hardware ordered separately. Install TM-CPL-JN2 (ordered separately) around wire and feed a 1/4-20 carriage bolt (ordered separately) thru ☐ hole. Capture on other side of bracket strut with a washer and serrated nut (all ordered separately). Recommended torque for 1/4" fasteners: 12 ft-lbs [16.3 N-m].

4.) Uniform load of 600lbs.

5.) 12GA pregalv. Standard. Add -HD to part number for HDGAF.

6.) Views for reference, do not scale.

CLASSIFIED
c (UL) us

ORDERING DATA EXAMPLE:

TM-BRK[XX]

SIZE/TRAY WIDTH
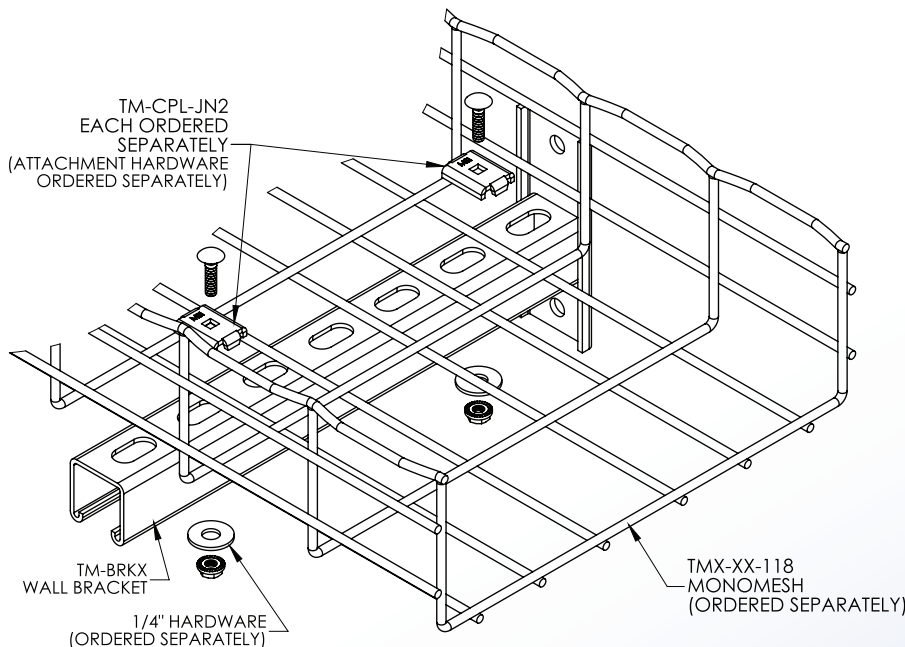
03 =	5"
06 =	8"
08 =	10"
10 =	12"
12 =	14"
16 =	18"
18 =	20"
20 =	22"
24 =	26"

TRAY WIDTH ↑ ↑ **PART LENGTH**

TM-CPL-JN2
EACH ORDERED
SEPARATELY
(ATTACHMENT HARDWARE
ORDERED SEPARATELY)

TM-BRKX
WALL BRACKET

1/4" HARDWARE
(ORDERED SEPARATELY)

TMX-XX-118
MONOMESH
(ORDERED SEPARATELY)

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

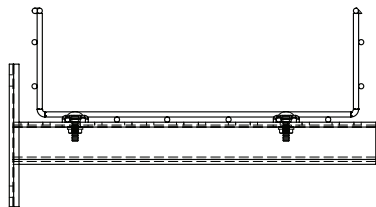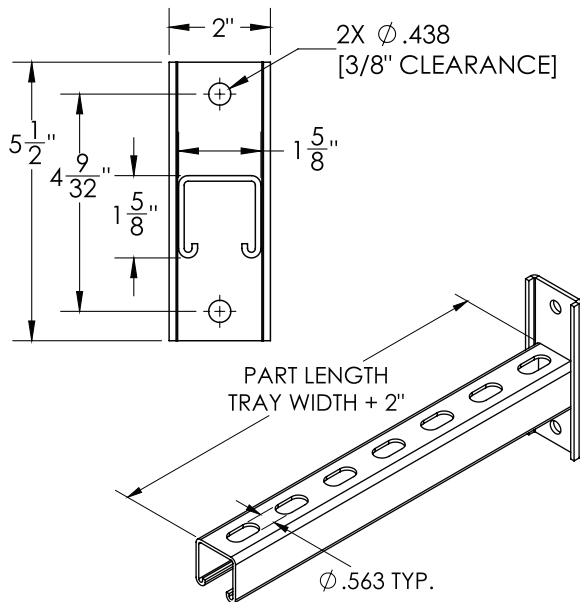**MonoSystems**™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-BRKZ

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

OFFSET / WALL BRACKET

Notes:

1.) Material: 14GA Galv. steel.

2.) To install:
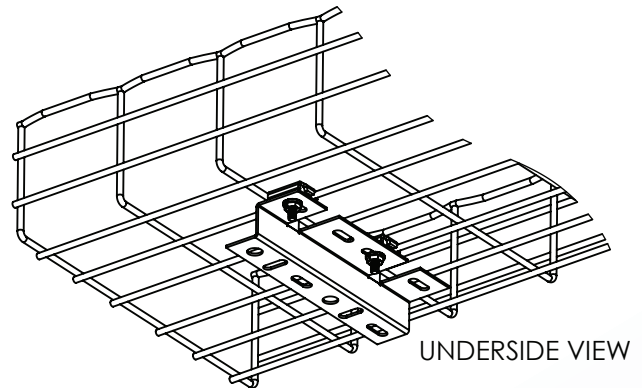Place TM-BRKZ under mesh as shown. Attach TM-CPL-JN2 (ordered separately) to mesh longitudinal wire and capture with 1/4-20 hardware (ordered separately) around mesh wire as shown.

3.) Views for reference, do not scale.
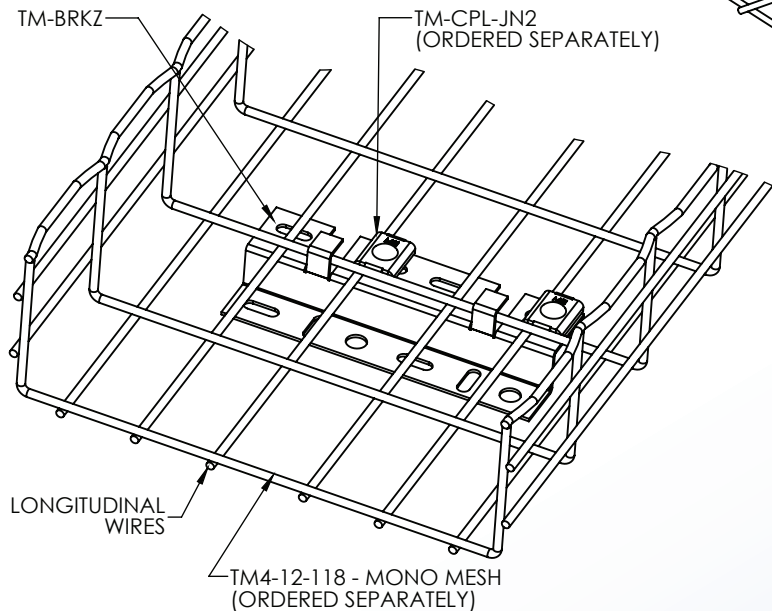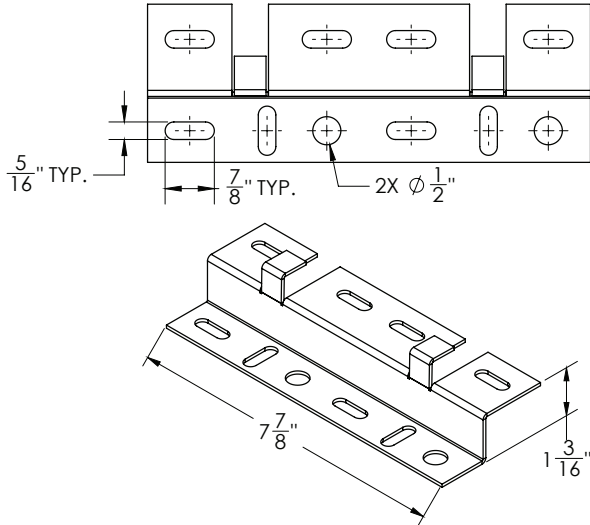
$\frac{5}{16}$" TYP.

$\frac{7}{8}$" TYP.

2X ⌀ $\frac{1}{2}$"

$7\frac{7}{8}$"

$1\frac{3}{16}$"

UNDERSIDE VIEW

TM-BRKZ

TM-CPL-JN2
(ORDERED SEPARATELY)

LONGITUDINAL WIRES

TM4-12-118 - MONO MESH
(ORDERED SEPARATELY)

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-JNR-X-XX

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

1.44

R1"

1.44

Ø .28

MONOMESH
LOAD DEPTH - 1/8"

CLASSIFIED
c (UL) us

MONOMESH
LOAD DEPTH

INNER RADIUS FOR MESH TRAY ASSEMBLY
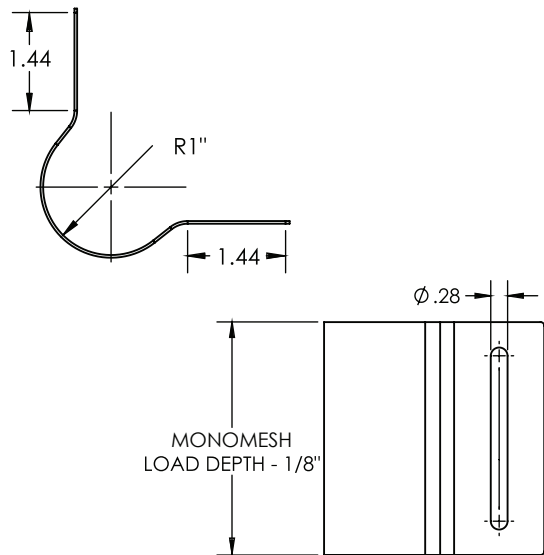
Notes:

1.) 90º 1" radius bracket material: 20GA steel.

2.) Each radius bracket includes TM-CPL-JN2 clips and 1/4" mounting hardware.

3.) Clips can be mounted on either side of wire mesh.

4.) Views for reference, do not scale.

Installation Instructions:

1.) Trim and/or bend mesh as desired and position as needed.

2. Place appropriate size TM-JNR-X-XX inside mesh at 90º corner.

3. Install 1/4" carriage bolt inside of slot of radius bracket as shown and capture with TM-CPL-JN2 and 1/4" serrated nut on other side of mesh wire.

4. Tighten nuts and align TM-JNR-X-XX into place as desired.

TM-ACC-KNB02
PLASTIC PROTECTOR CAP
(ORDERED SEPARATELY)

MONOMESH
(ORDERED SEPARATELY)

TM-JNR-X-XX
RADIUS BRACKET
SEE INSTRUCTIONS BELOW

1/4" HARDWARE
(PROVIDED)

TM-CLP-JN2
(PROVIDED)
SEE INSTRUCTIONS BELOW

MONOMESH
(ORDERED SEPARATELY)

ORDERING DATA EXAMPLE:

TM - JNR - X - XX

TRAY SERIES
TM = MONO
T-WELD MESH

FITTING TYPE
JNR = RADIUS BRACKET

MONOMESH LOAD DEPTH
2 = 2"
4 = 4"
6 = 6"

MATERIAL
P = PREGALV.
HD = HDGAF
PG = PAINTED GRAY
PB = PAINTED BLACK

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
Fax: 914.934.2190
MonoSystems.com

MonoSystems
Expect. Direct.

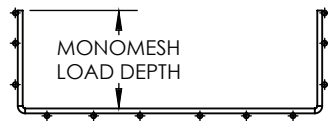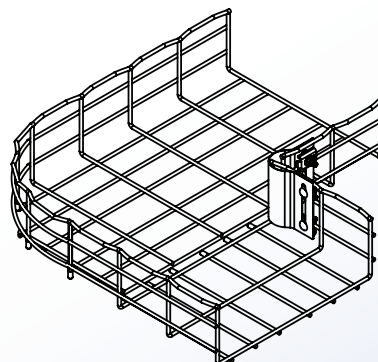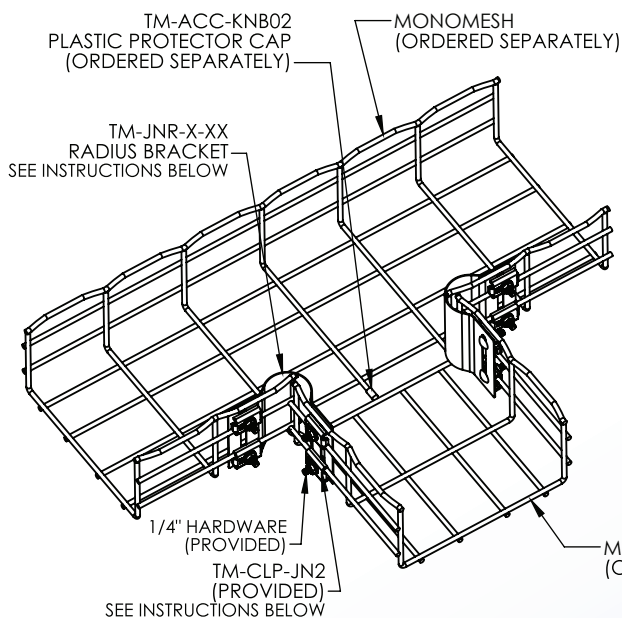# Cable Tray / Wire Mesh Basket Tray
TMX-XX-BE

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

MONOMESH BLIND END

MESH WIDTH I.D.

MESH HEIGHT I.D.

Notes:

1.) Each ordered separately. Use for closing the end of a MonoMesh section.

2.) Install by sliding blind end to end of tray. Feed 1/4-20 x 1" carriage bolt thru TM-CPL-JN2 and hole in blind end and capture with nut on other end.

3.) Recommended torque for 1/4" fasteners: 12ft-lbs [16.3 N-m].

4.) Manufactured and tested in conformance with NEMA VE-1 standards.

5.) MonoMesh is UL/C-UL classified as a grounding conductor.

6.) Views for reference, do not scale.
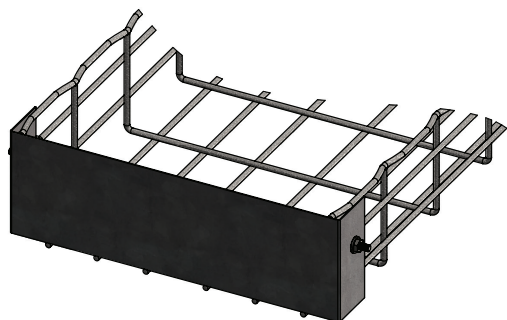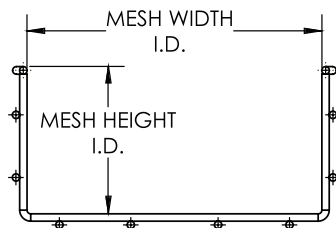
ORDERING DATA EXAMPLE:

TM X - XX - BE - XX

MONOMESH HEIGHT	MONOMESH WIDTH	MATERIAL
2 = 2"	3 = 3" WIDE	P = PREGALV.
4 = 4"	6 = 6" WIDE	HD = HDGAF
6 = 6"	8 = 8" WIDE	PG = PAINTED GRAY
	10 = 10" WIDE	PB = PAINTED BLACK
	12 = 12" WIDE	
	16 = 16" WIDE	
	18 = 18" WIDE	
	20 = 20" WIDE	
	24 = 24" WIDE	
	36 = 36" WIDE	

TM-CPL-JN2
AND 1/4" HARDWARE
(PROVIDED)

TMX-XX-118
MONO MESH
(ORDERED SEPARATELY)

TMX-XX-BE
BLIND END
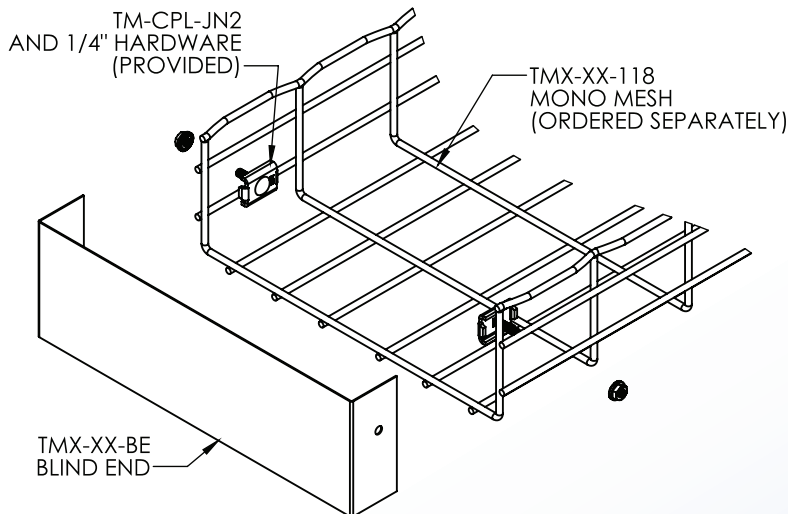
MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-EXSB12-PR

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

EXPANSION SPLICE BAR KIT, 12" LONG

12"

⟵ UP TO 1-1/4" EXPANSION

UP TO 1-1/4" EXPANSION ⟶

EACH TM-EXSB12-PR INCLUDES:

(2) 12" LONG EXPANSION SPLICE BARS

(8) TM-CPL-JN2 ATTACHMENT CLIPS

(8) 1/4-20 CARRIAGE BOLTS

(8) 1/4-20 NYLON INSERT LOCK NUTS

Notes:

1.) Splice bar material: 16GA galv. steel. Allows for up to 1-1/4" of tray expansion in each outward direction.

2.) Each TM-EXSB12-PR includes (2) expansion splice bars, (8x) TM-CPL-JN2 attachment clips, (8x) 1/4-20 carriage bolts, and (8x) 1/4-20 nylon insert lock nuts at shown.

3.) To install: place splice bars centered about tray seam and adjacent to mesh on outside as shown. Attach TM-CPL-JN2 clip (provided) and capture around mesh wire on inside of tray. Feed 1/4-20 carriage bolts thru □ hole of TM-CPL-JN2 and thru slot of splice bar. Capture on other end with 1/4-20 nylon insert lock nut. Tighten nut until snug, and then back off 1/4 turn.

4.) Split bolts [TM-GL-IK1] or [TM-GL-IK2] (each ordered separately) with appropriate (field provided) ground wire is recommended.

5.) Splice bars can be formed to suit application as needed.

6.) Views for reference, do not scale.

TM-EXSB12-PR
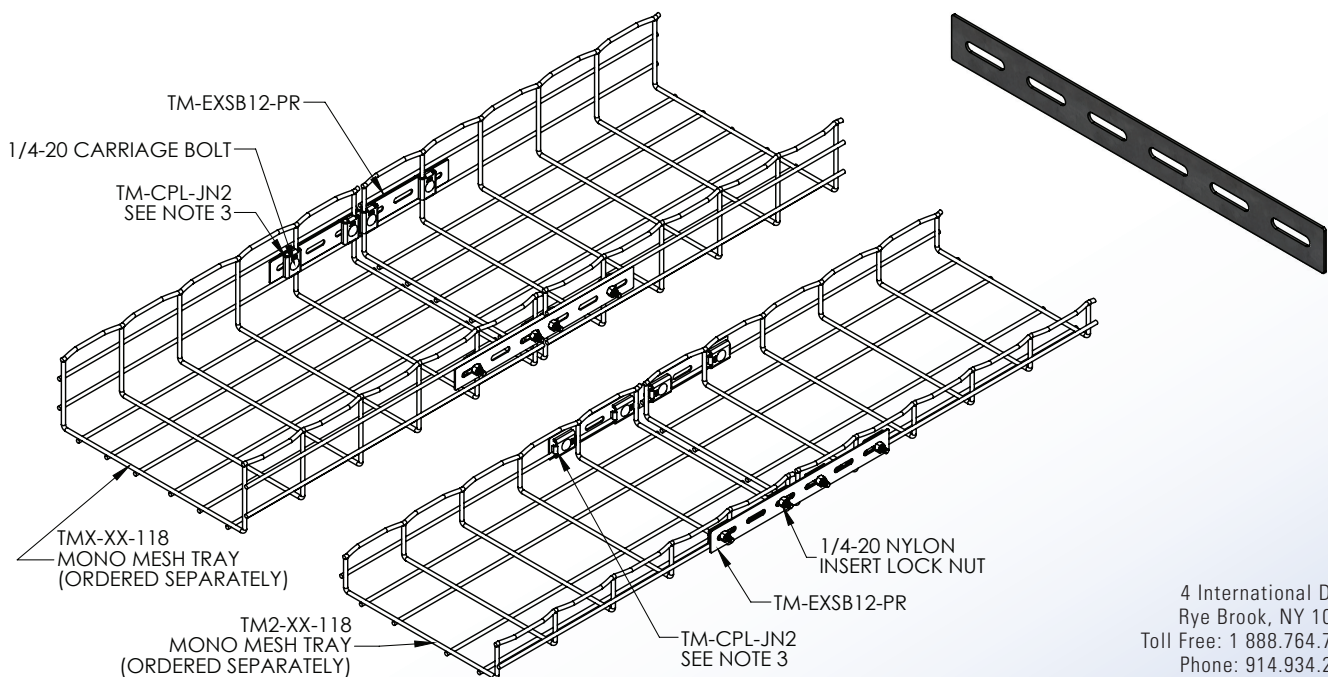
1/4-20 CARRIAGE BOLT

TM-CPL-JN2 SEE NOTE 3

TMX-XX-118 MONO MESH TRAY (ORDERED SEPARATELY)

TM2-XX-118 MONO MESH TRAY (ORDERED SEPARATELY)

1/4-20 NYLON INSERT LOCK NUT

TM-EXSB12-PR

TM-CPL-JN2 SEE NOTE 3

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MM-HNG-TRZ

TRAPEZE HANGING CLIP

Notes:

1.) Sold as each.

2.) Used for for easy hanging of mesh tray system. For support of horizontal or vertically run tray. Design allows threaded rod to feed thru clip to allow for multiple tiers of aligned mesh support.

3.) Material: zinc plated steel.

4.) 3/8" threaded rod & hardware (by others).

5.) MM-HNG-TRZ brackets are designed to support a working load of 220 lbs.

6.) Views for reference, do not scale.

1.875"
.438 FOR 3/8" ROD
1.5"
2"

3/8" FLAT WASHERS AND HEX NUTS (BY OTHERS)

CLASSIFIED
c (UL) US

3/8 THREADED HANGER ROD (TYP.) (BY OTHERS)

MM-HNG-TRZ TRAPEZE SUPPORT

CANOE CLIP (TO SECURE (PROVIDED)

MonoSystems™
Expect. Direct.
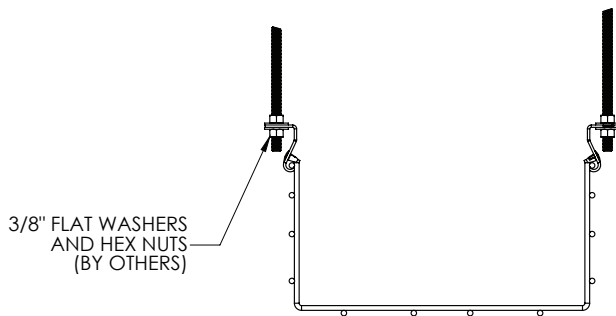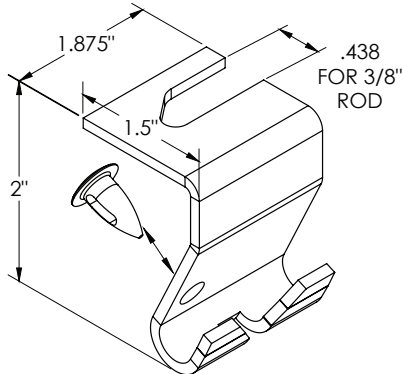
Cable Tray / Wire Mesh Basket Tray
TM-HNG-TRZ

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

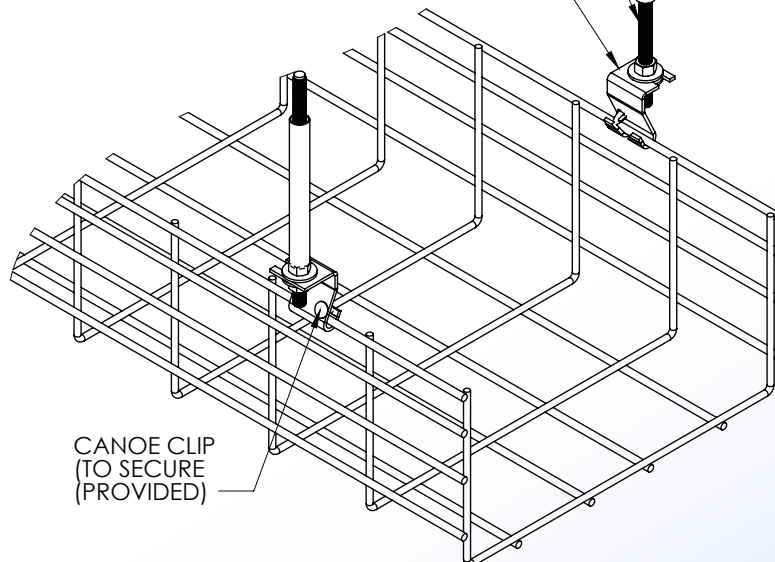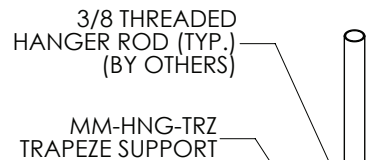## TRAPEZE HANGING CLIP

Notes:

1.) Sold as each.

2.) Used for for easy hanging of mesh tray system. For support of horizontal or vertically run tray. Design allows threaded rod to feed thru clip to allow for multiple tiers of aligned mesh support.

3.) Material: zinc plated steel.

4.) 3/8" threaded rod & hardware (by others).

5.) TM-HNG-TRZ brackets are designed to support a working load of 220 lbs.

6.) Views for reference, do not scale.

1.875"
.438 FOR 3/8" ROD
1.5"
2"

3/8" FLAT WASHERS AND HEX NUTS (BY OTHERS)
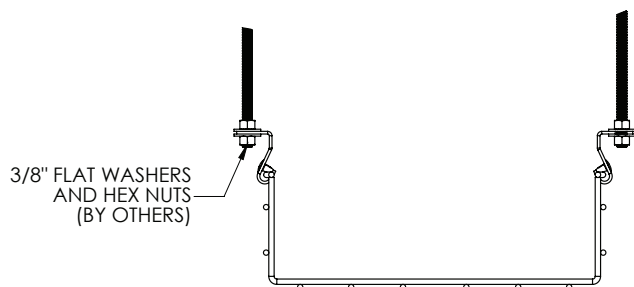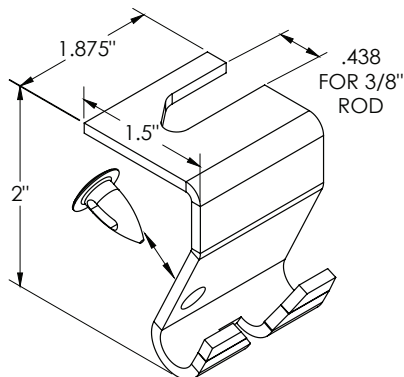
3/8 THREADED HANGER ROD (TYP.) (BY OTHERS)

TM-HNG-TRZ TRAPEZE SUPPORT
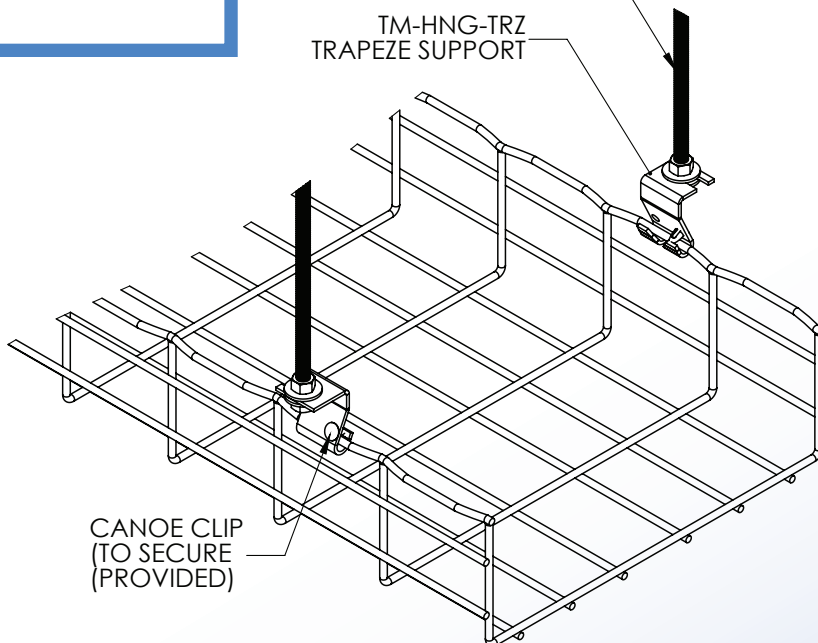
CANOE CLIP (TO SECURE (PROVIDED)

ALTERNATIVE MOUNTING (TO 2ND WIRE)

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-DRPFO-XX-V2-XX

90° 2" R3"

WIDTH I.D.

EXTRUDED FIBER OPTIC CABLING DROP-OUT PLATE, MONOMESH

Notes:

1.) Material: 0.1" thick 6063 aluminum. Ordered as each. Install anywhere along bottom length of tray.

2.) Mounting hardware ordered separately.

3.) To install, position drop-out under mesh wire, align carriage bolt holes, and capture mesh wire with TM-CPL-JN2 and 1/4" hardware as shown. When dropping out from side of mesh or along mesh length (where wire offsets do not exceed 2"), use TM-CPL-JN5 CLIPS.

4.) Views for reference, do not scale.

1/4" HARDWARE MOUNTING SLOTS

CABLE TIE SLOTS
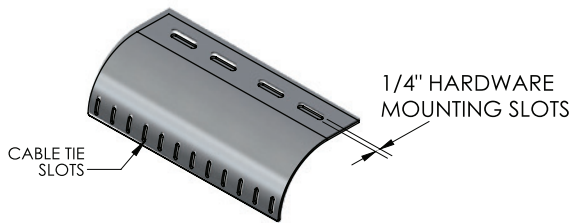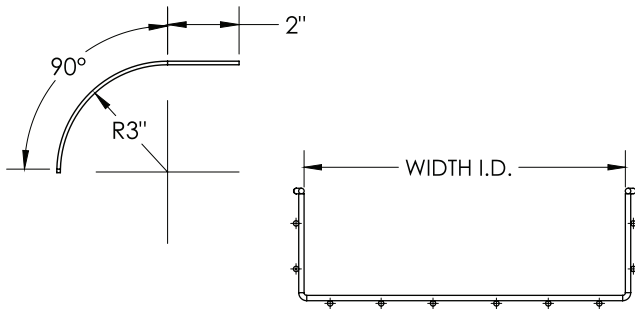
ORDERING DATA EXAMPLE:

TM-DRPFO-XX-V2-XX

WIDTH

03 = 3" WIDE MESH
06 = 6" WIDE MESH
08 = 8" WIDE MESH
10 = 10" WIDE MESH
12 = 12" WIDE MESH
16 = 16" WIDE MESH
18 = 18" WIDE MESH
20 = 20" WIDE MESH
24 = 24" WIDE MESH

MATERIAL

LEAVE BLANK = EXTRUDED ALUMINUM FINISH
PG = PAINTED GRAY
PB = PAINTED BLACK
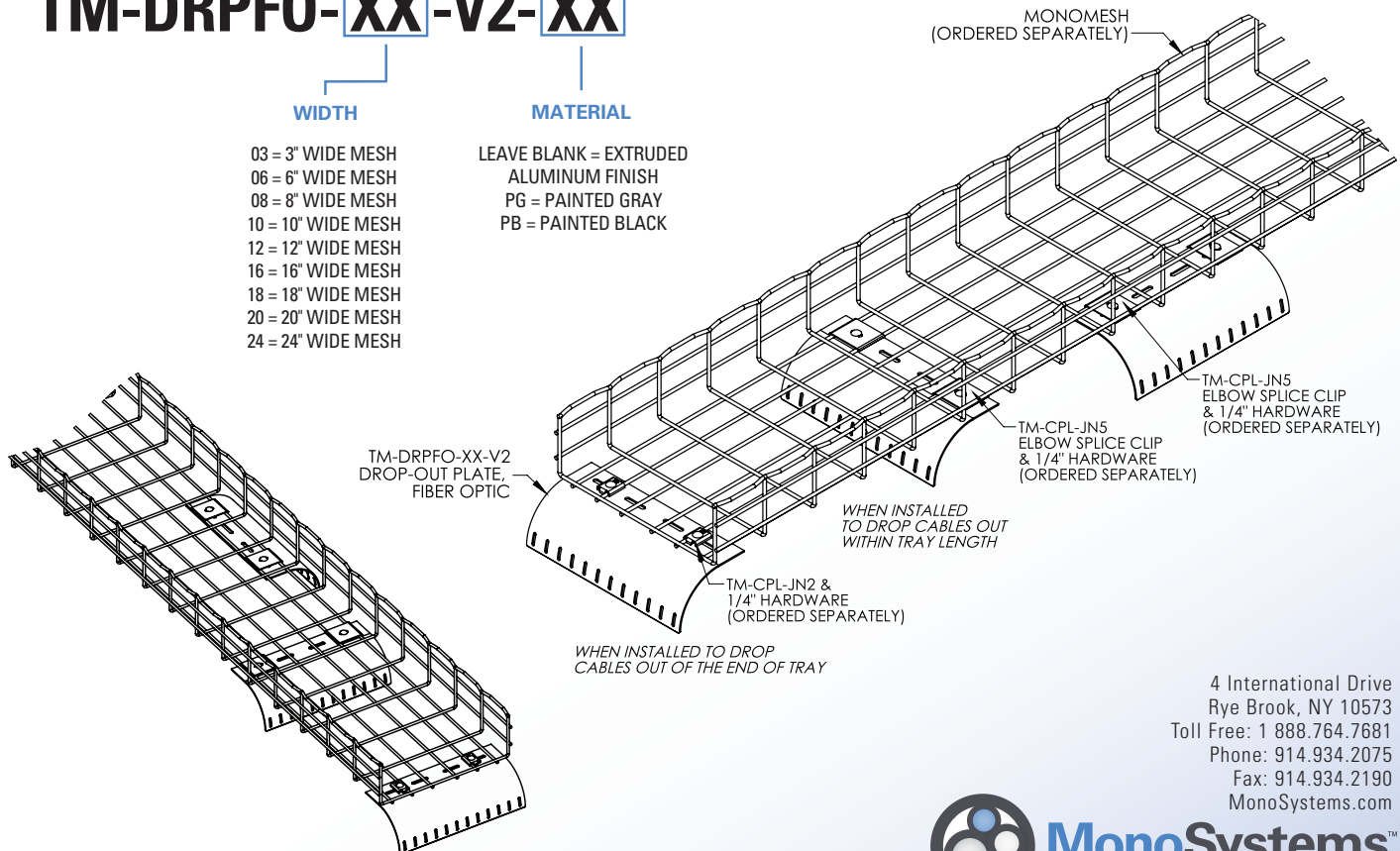
MONOMESH (ORDERED SEPARATELY)

TM-CPL-JN5 ELBOW SPLICE CLIP & 1/4" HARDWARE (ORDERED SEPARATELY)

TM-CPL-JN5 ELBOW SPLICE CLIP & 1/4" HARDWARE (ORDERED SEPARATELY)

TM-DRPFO-XX-V2 DROP-OUT PLATE, FIBER OPTIC

WHEN INSTALLED TO DROP CABLES OUT WITHIN TRAY LENGTH

TM-CPL-JN2 & 1/4" HARDWARE (ORDERED SEPARATELY)

WHEN INSTALLED TO DROP CABLES OUT OF THE END OF TRAY

MonoSystems™
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
TM-HNG-TRZ-PR

MonoMesh™ Accessories
Manufactured by MonoSystems, Inc.

TRAPEZE HANGING CLIP

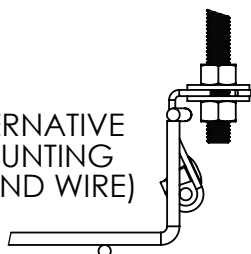### Notes:

1. Sold in pairs.

2. Used for easy hanging of mesh tray system. For support of horizontal or vertically run tray. Design allows threaded rod to feed thru clip to allow for multiple tiers of aligned mesh support.

3. Material: Zinc plated steel.

4. 3/8" Threaded rod & hardware (by others).

5. TM-HNG-TRZ-PR brackets are designed to support a working load of 220 lbs.

6. Views for reference - do not scale.

1.875"

.438 FOR 3/8" ROD

1.5"

2"

CLASSIFIED
c UL us

3/8 THREADED HANGER ROD (TYP.) (BY OTHERS)

TM-HNG-TRZ-PR TRAPEZE SUPPORT

CANOE CLIP (TO SECURE (PROVIDED)

ALTERNATIVE MOUNTING (TO 2ND WIRE)

3/8" FLAT WASHERS AND HEX NUTS (BY OTHERS)

MonoSystems
Expect. Direct.

Cable Tray / Wire Mesh Basket Tray
MMX-X-118

MonoMesh™
Manufactured in the USA by MonoSystems, Inc.

Buy American Act Compliant

CABLE TRAY SYSTEMS

Notes
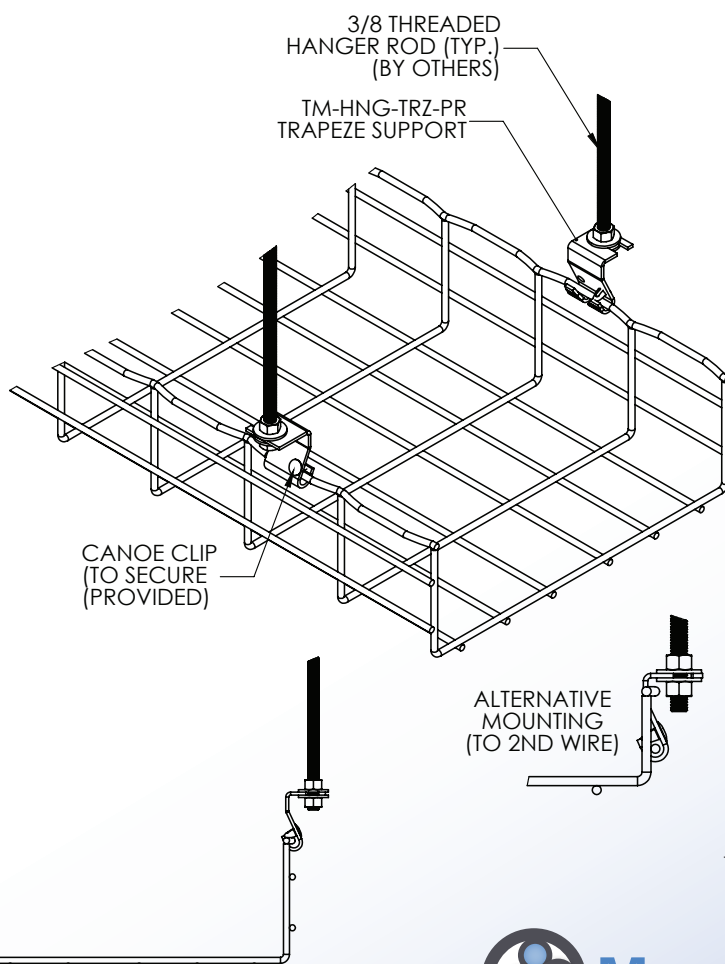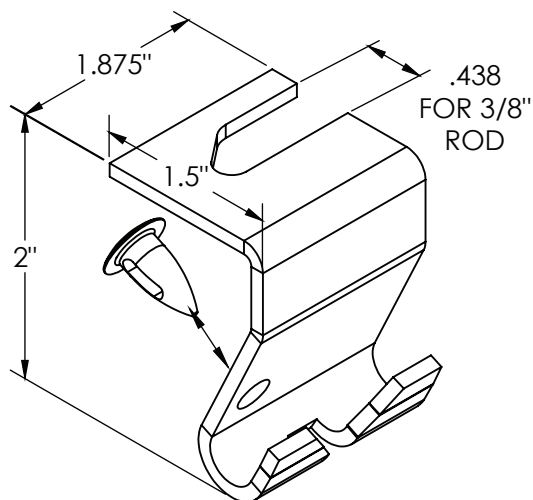
1.) This product is intended for the support of conduit and cables.

2.) Manufactured and tested in conformance with NEMA VE-1 standards.

3.) UL/C-UL Classified.

4.) Views for reference - do not scale.

5.) Each end of the factory mesh wires are radiused 1/32" smooth and free of burrs and sharp edges. (See Detail A)

6.) For cable fill & load ratings see page 2.

7.) Suffix denoted finish:
PB = Painted Black
PR = Painted Red
PW = Painted White
PY = Painted Yellow
HD = HDGAF
TS49P = Tiger Series 49 Polyester

Material
Steel, Clear Electroplated Zinc. Wire Grid Pattern 4"X 2".

118" LENGTH

"W" USEABLE WIDTH

"H" USEABLE HEIGHT

CLASSIFIED
c (UL) us

FILE: E80034
VOL.2

SEE NOTE 5

DETAIL A
SCALE 1 : 1.5
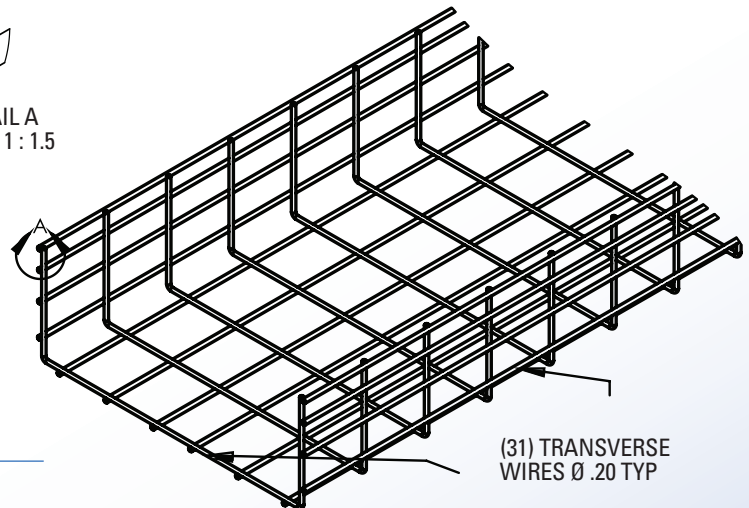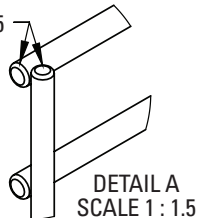
(31) TRANSVERSE WIRES Ø .20 TYP

ORDERING DATA EXAMPLE:

MM X - X - 118 - XX

HEIGHT — "H"
WIDTH — "W"
FINISH — (SEE NOTE 7.)

4 International Drive
Rye Brook, NY 10573
Toll Free: 1 888.764.7681
Phone: 914.934.2075
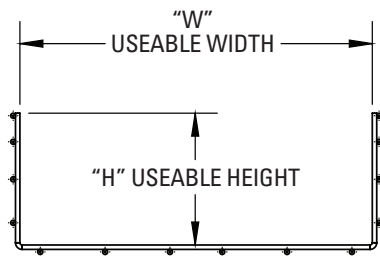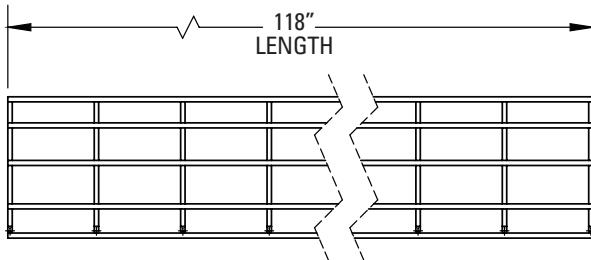Fax: 914.934.2190
MonoSystems.com

MonoSystems™
wire management, managed.™

Cable Tray / Wire Mesh Basket Tray
MMX-X-118

MonoMesh™

Manufactured in the USA by MonoSystems, Inc.

MONOMESH CABLE FILL & LOAD RATING CHART

CABLE FILL CHART @ 50% FILL CAPACITY

PART NUMBER	TRAY WIDTH (INCHES)	FILL AREA (NOM. SQ. INCH)	# OF 0.19"	# OF 0.21"	# OF 0.25"	# OF 0.30"	# OF 0.35"
			O.D. CABLES	O.D. CABLES	O.D. CABLES	O.D. CABLES	O.D. CABLES
2 INCH LOAD DEPTH							
MM2-3-118	3"	6"	106	87	61	42	31
MM2-6-118	6"	12"	212	173	122	85	62
MM2-10-118	10"	20"	353	289	204	142	104
MM2-12-118	12"	24"	423	347	245	170	125
MM2-20-118	20"	40"	684	561	396	275	202
MM2-24-118	24"	48"	847	693	489	340	250
4 INCH LOAD DEPTH							
MM4-6-118	6"	24"	423	347	245	170	125
MM4-8-118	8"	32"	565	462	326	226	166
MM4-12-118	12"	48"	847	693	489	340	250
MM4-18-118	18"	72"	1270	1040	734	510	374
MM4-24-118	24"	96"	1694	1387	978	679	499
6 INCH LOAD DEPTH							
MM6-6-118	6"	36"	635	520	367	255	187
MM6-12-118	12"	72"	1270	1040	734	510	374
MM6-18-118	18"	108"	1906	1560	1101	764	562
MM6-24-118	24"	144"	2541	2080	1468	1019	749

CABLE LOAD CHART

PART NUMBER	NOMINAL HEIGHT "H"	NOMINAL WIDTH "W"	LOAD CAPACITY PER SPAN LBS/FT*			
			5FT	6FT	7FT	8FT
2 INCH LOAD DEPTH						
MM2-3-118	2"	3"	56	38	30	23
MM2-6-118	2"	6"	68	49	36	28
MM2-10-118	2"	10"	74	56	41	31
MM2-12-118	2"	12"	85	68	48	37
MM2-20-118	2"	20"	89	68	48	37
MM2-24-118	2"	24"	93	70	55	42
4 INCH LOAD DEPTH						
MM4-6-118	4"	6"	96	78	62	47
MM4-8-118	4"	8"	110	82	64	49
MM4-12-118	4"	12"	121	85	64	49
MM4-18-118	4"	18"	121	85	64	49
MM4-24-118	4"	24"	129	91	68	52
6 INCH LOAD DEPTH						
MM6-6-118	6"	6"	115	79	58	44
MM6-12-118	6"	12"	127	87	65	49
MM6-18-118	6"	18"	157	109	80	61
MM6-24-118	6"	24"	157	109	80	61

*NOTE:

- THE ABOVE CHART IS MEANT AS A PRACTICAL GUIDE FOR THE AMOUNT OF CABLE WEIGHT THE ASSOCIATED MESH PRODUCT CAN REALISTICALLY HOLD. ACTUAL MAXIMUM LOADS MAY BE GREATER OR LESS

- TESTED IN ACCORDANCE WITH NEMA VE-1/CSA E22.2 NO. 126.1, SAFETY FACTOR: 1.5

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