

FLEXTRAY

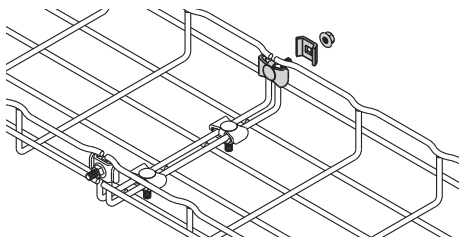
Washer Splice Kit

- Washer is staked to bolt, holding part stationary during installation
- Fewer parts to handle
- For use with all tray widths and sizes
- Finishes __: **EG, BLE**

BLE suffix indicates black zinc finish for this part only



Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
WASHER SPL KIT__	Assembly of Staked Washer Stud/Washer & Finned Nut	100	4.5 (2.04)



Splicing Chart (number of splices required for UL Classification)

Tray Height	Tray Width - number of splices									
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)	>24" (>600mm)
2"	NC	NC	3	3	3	4	4	4	4	5
4"	NM	3	3	3	3	4	4	4	4	5
6"	NM	NM	3	3	3	4	4	4	4	5

NC = Not UL Classified in this size NM = FLEXTRAY is not manufactured in this size

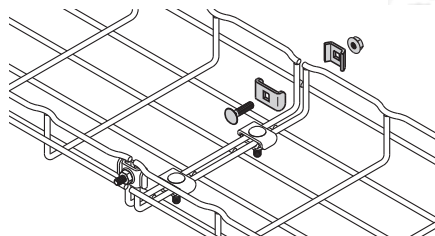
Splice Hardware Components

- Works with all splicing needs
- For use with all tray widths and sizes
- Components are sold separately
- Finishes __: **EG, BLE, 304S, 316S**

FTHDWE 1/4 not available in **BLE**.



Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FTHDWE 1/4__	1/4" x 1" Carriage Bolt & Finned nut	50	2.4 (1.08)
TOP WASHER__	1" Square Splice Washer	100	2.8 (1.26)
BTM WASHER__	1 3/16" Square Splice Washer	100	4.0 (1.82)



BTM WASHER



FTHDWE1/4



TOP WASHER

Splicing Chart (number of splices required for UL Classification)

Tray Height	Tray Width - number of splices									
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)	>24" (>600mm)
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6"	NM	NM	3	3	3	4	4	4	4	5

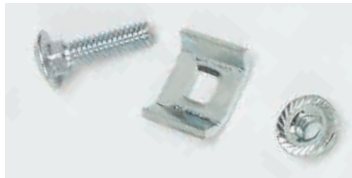
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See page D-3 for finish and grounding information

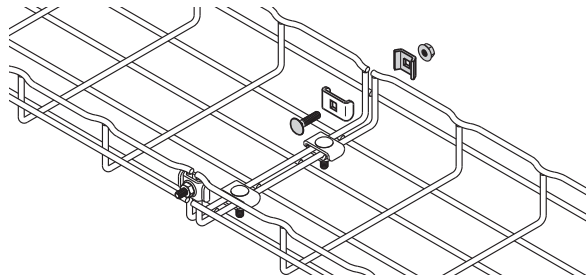
FLEXTRAY™ Wire Basket - Splicing Accessories

Connecting Hardware

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FTSCH__	Connecting Hardware	50	2.0 (0.91)



- Adaptable and designed for use with splice plate (FTS3SP), SPLICE BAR, and long splice bar (FTS36SB).
- Finishes __: EG, BLE-BLO, 304S, 316S



Splicing Chart (number of splices required for UL Classification)

Tray Height	Tray Width - number of splices									
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)	>24" (>600mm)
2"	NC	NC	3	3	3	4	4	4	4	5
4"	NM	3	3	3	3	4	4	4	4	5
6"	NM	NM	3	3	3	4	4	4	4	5

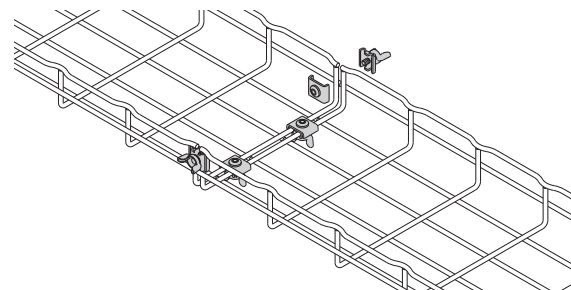
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Wing Splice™

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FTSWN__	Wing Splice	50	3.0 (1.38)



- Two piece design for easy handling
- Tool-less installation
- Reduces installation time, especially when used on fittings and bends
- Finish__: ZN



Splicing Chart (number of splices required for UL Classification)

Tray Height	Tray Width - number of splices									
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)	>24" (>600mm)
2"	NC	NC	3	3	3	4	4	4	4	5
4"	NM	3	3	3	3	4	4	4	4	5
6"	NM	NM	3	3	3	4	4	4	4	5

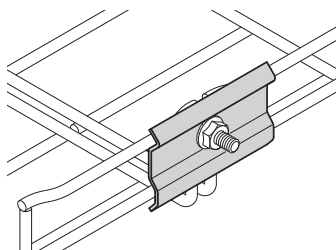
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See page D-3 for finish and grounding information

Splice Plate (only)

Part Number	Description	Length in. (mm)	Height in. (mm)	Hole Diameter in. (mm)	Qty./ Box	Wt./Box lbs. (kg)
FTS3SP__	Splice Plate	2.7" (68.5)	1.6" (40.6)	0.27" (6.8)	50	6.1 (2.76)

- Splice plate is designed for use with connecting hardware (FTSCH) to provide added stability of splice connections
- Hardware sold separately
- Finish__: **ZN**, SS6
- Note: FT2x2x10 and FT2x4x10 are not UL Classified



FLEXMATE™ Splice System

- Fastest splice connection method available in the industry
- For use with 4" (100mm) to 12" (300mm) wide tray
- FLEXMATE clips and tool sold separately
- Finishes __: **GS**, BLE

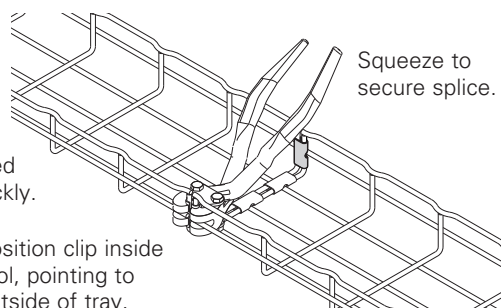
Note: Tray widths larger than 12" (300mm) are not UL Classified. We recommend that splice/supports comply with NEMA VE-2 installation requirements

Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FLEXMATE2__	Flexmate Splice Clips	100	1.0 (0.45)
FLEXMATE TOOL	Flexmate Splice Tool	1	0.7 (0.32)



FLEXMATE TOOL

Flexmate Tool is used to install splices quickly.



Squeeze to secure splice.

Position clip inside tool, pointing to outside of tray.

Splicing Chart (number of splices required for UL Classification)

Tray Height	Tray Width - number of splices				
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)
2"	2	2	4	4	4
4"	NM	4	5	6	6
6"	NM	NM	NM	6	6

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See page D-3 for finish and grounding information

Tab-Loc Connector

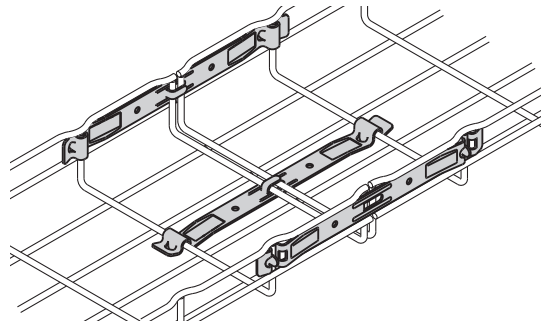
Part Number	Description	Length in. (mm)	Qty./Box	Wt./Box lbs. (kg)
FTSTLC__	Tab-Loc Connectors	9.29" (235.9)	50	7.2 (3.26)



- Fast splice for straight runs of tray
- For use with 2" (50mm) to 32" (800mm) wide tray to connect straight sections only
- Finishes __: **ZN**, SS6

Application Requirements

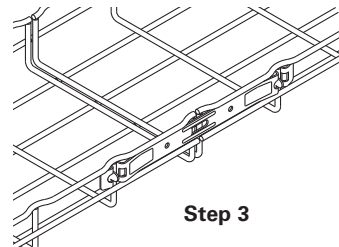
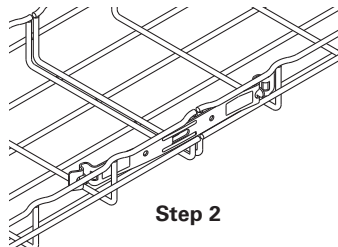
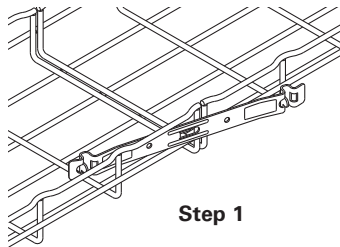
The recommendations listed are equal for all depths (except as noted).



Splicing Chart (number of splices required for UL Classification)

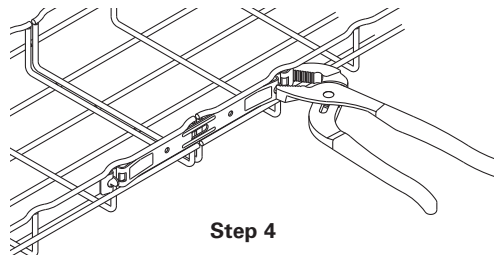
Tray Height	Tray Width - number of splices								
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2"	2	2	4	4	4	4	4	5	5
4"	NM	4	5	6	6	7	7	7	8
6"	NM	NM	NM	6	6	7	7	7	8

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Tab-Loc security without special tools.

Screwdriver can also be used to bend tab-locs (hold connector ends while bending).

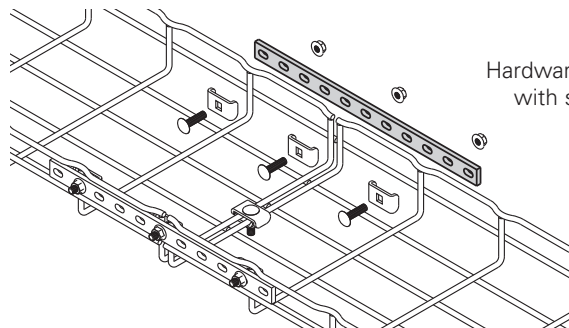


See page D-3 for finish and grounding information

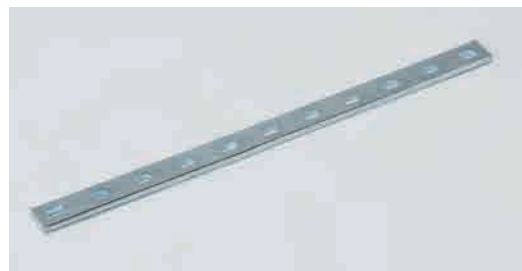
Splice Bar

- Adds rigidity to washer splice methods
- Used on side rails only (not for use in tray bottom)
- For use on trays when using splice hardware FTSCHE
- Hardware sold separately
- Finishes __: **EG**, BLE, HD, 304S, 316S

Part Number	Bar Length in. (mm)	Qty./Box	Wt./Box lbs. (kg)
SPLICE BAR__	10 ^{13/16} " (274.6)	50	14.0 (6.35)



Hardware is not sold with splice bar.



Each splice bar requires three (3) each of Hardware Splice Components - TOP WASHER, and FTHDWE 1/4 to complete connection. These items must be ordered separately.

Washer Splice Kits (WASHER SPL KIT) are required for connections on bottom of tray.

Splicing Chart (number of splices required for UL Classification)

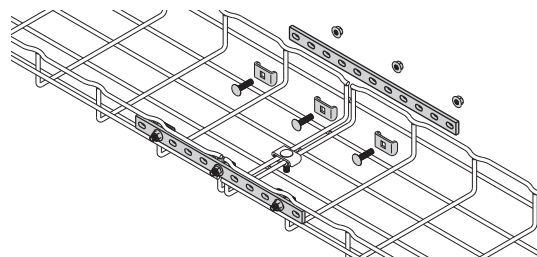
Tray Height	Tray Width - number of splices								
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)
2"	NC	NC	2	2	2	2	2	2	2
4"	NM	2	2	2	2	2	2	2	2
6"	NM	NM	2	2	2	2	2	2	2

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Splice Bar Kit

- Adds rigidity
- Includes two (2) SPLICE BAR and hardware
- Finishes __: **ZN**, FB, SS6

Part Number	Bar Length in. (mm)	Qty./Box	Wt./Box lbs. (kg)
FTSBK__	12" (304.8)	5 Sets	6.4 (2.90)



Splicing Chart (number of splices required for UL Classification)

Tray Height	Tray Width - number of splices								
	2" (50mm)	4" (100mm)	6" (150mm)	8" (200mm)	12" (300mm)	16" (400mm)	18" (450mm)	20" (500mm)	24" (600mm)
2"	NC	NC	2	2	2	2	2	2	2
4"	NM	2	2	2	2	2	2	2	2
6"	NM	NM	2	2	2	2	2	2	2

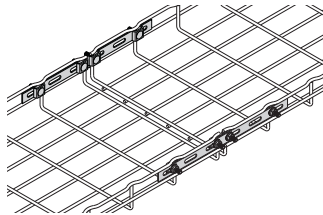
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See page D-3 for finish and grounding information

FLEXTRAY™ Wire Basket - Splicing Accessories

Expansion Splice Kit

Part Number	Bar Length in. (mm)	Qty./Box	Wt./Box lbs. (kg)
FTS12ESK__	12" (304.8)	1 Kit	0.45 (0.20)



- Allows 1³/₄" (44mm) of expansion between two pieces of Flextray at expansion joints.
- To install, tighten nylon loc-nut until nut comes into contact with splice bar, then loosen approximately 1/4 turn.
- Includes two (2) splice bars and eight (8) sets of hardware
- Finishes __: **ZN**

Long Splice Bar (only)

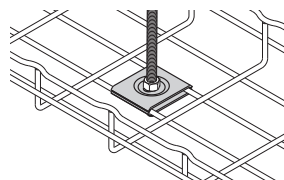
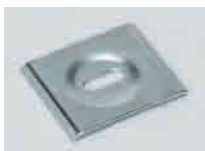
Part Number	Bar Length in. (mm)	Qty./Box	Wt./Box lbs. (kg)
FTS12SB__	12" (304.8)	1	0.13 (0.06)
FTS36SB__	36" (914.4)	1	0.40 (0.18)



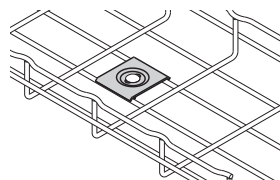
- FTS36SB long splice bar is used for assembly of large radius horizontal bends or field cut into short splice bars
- Splice Bars are designed for use with connecting hardware (FTSCH)
- Hardware sold separately
- Finishes __: **ZN, FB, SS6**

Hold Down Plate

Part Number	Description	Qty./Box	Wt./Box lbs. kg
SUPT WASHER__	.28" x .70" (7.1mm x 17.8mm)	100	9.4 (4.26)
FTA6HD__	.40" x .70" (10.1mm x 17.8mm)	100	7.0 (3.17)



- Easy way to mount 4" (100mm) wide tray for raceway run.
- Use 1/4" screws to attach SUPT WASHER to your specific wall/stud application (hardware sold separately).
- FTA6HD can be used in pairs to create a center-hung support using 3/8" rod.
- To protect cables use threaded rod protector (page D-21).
- To complete 3/8" center hanger assembly use:
 - 2 - FTA6HD
 - 2 - HN 3/8"-16 hex nuts
- Finish: **ZN, SS6**

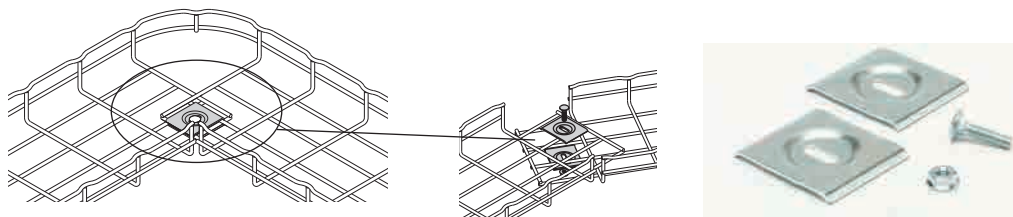


See page D-3 for finish and grounding information

- Horizontal adjustable kit can be used to create horizontal angles from prepared FLEXTRAY straight sections
- Conveniently poly-bagged
- Finishes __: **EG**, BLE, 316S

Horizontal Adjustable Kit

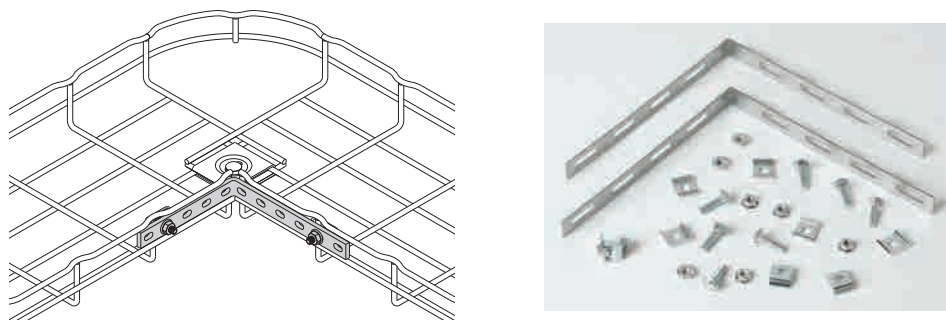
Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
FTSHAK__	Horizontal Adjustable Kit	10	2.4 (1.09)



- For fast assembly of 90° turns and tee fittings
- For use with all tray widths and sizes
- One kit will make two 90° turns or one tee fitting
- 90 DEGREE KIT includes: two (2) 90° splice bars and eight (8) FTSCH
- Finishes __: **EG**, BLE, 316S

90 Degree Kit

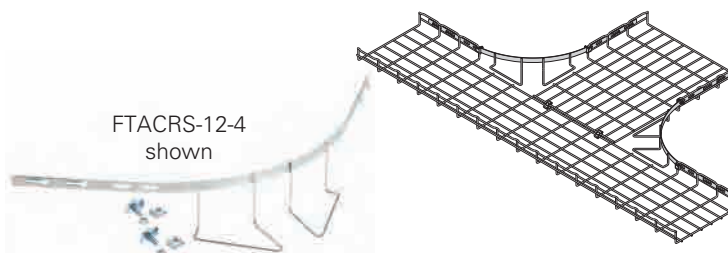
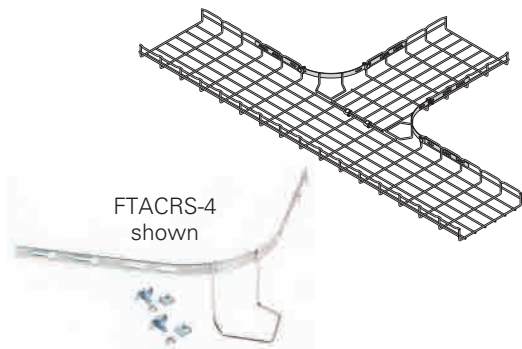
Part Number	Description	Qty./Box	Wt./Box lbs. (kg)
90 DEGREE KIT__	90 degree splice bar & hardware	1	1.3 (0.59)



- Helps eliminate need for field fabrication and is quick to install
- Built in tab features for positioning onto side rails at transition locations
- For fast assembly of a 90° bend, tee, and cross fittings
- One kit will make two 90° turns or one tee fitting
- Kit includes: one (1) corner radius and two (2) FTSCH
- Finishes __: **EG**, BLE, 316S

Corner Radius Kit

Part Number	Height in. (mm)	Radius in. (mm)	Qty. per Box	Wt./Box lbs. (kg)
FTACRS-2	2" (50.8)	6" (152.4)	1	1.3 (0.59)
FTACRS-4	4" (101.6)	6" (152.4)	1	1.3 (0.59)
FTACRS-6	6" (152.4)	6" (152.4)	1	1.3 (0.59)
FTACRS-12-2	2" (50.8)	12" (304.8)	1	1.3 (0.59)
FTACRS-12-4	4" (101.6)	12" (304.8)	1	1.3 (0.59)
FTACRS-12-6	6" (152.4)	12" (304.8)	1	1.3 (0.59)

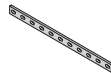


See page D-3 for finish and grounding information

FLEXTRAY™ Wire Basket - Splicing Accessories

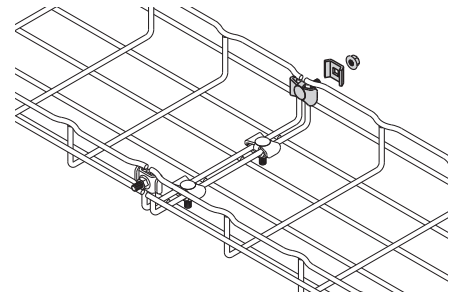
Components Required to Connect Two Sections of FLEXTRAY

System Part Number	System Width in. (mm)	Connector Assembly WASHER SPL KIT	Connecting Hardware FTSCH	Splice Plate FTS3SP	Splice Bar SPLICE BAR
FT2X2 †	2" (50)	2	-	-	-
FT2X4 †	4" (100)	2	-	-	-
FT2X6	6" (150)	3 ¹	-	-	-
FT2X8	8" (200)	3 ¹	-	-	-
FT2X12	12" (300)	3 ¹	-	-	-
FT2X16	16" (400)	4 ¹	-	-	-
FT2X18	18" (450)	4 ¹	-	-	-
FT2X20	20" (500)	4 ¹	-	-	-
FT2X24	24" (600)	4 ¹	-	-	-
FT2X30	30" (750)	5 ¹	-	-	-
FT2X32	32" (800)	5 ¹	-	-	-
FT4X4	4" 100	3 ¹	-	-	-
FT4X6	6" 150	3 ¹	-	-	-
FT4X8	8" 200	3 ²	-	-	-
FT(*)X12	12" 300	3 ²	-	-	-
FT(*)X16	16" 400	4 ²	-	-	-
FT(*)X18	18" (450)	4 ²	-	-	-
FT(*)X20	20" 500	4 ²	-	-	-
FT(*)X24	24" 600	4 ²	-	-	-
FT(*)X30	30" (750)	5 ²	-	-	-
FT2X2 †	2" (50)	-	2	2	-
FT2X4 †	4" (100)	-	2	2	-
FT2X6	6" (150)	1	2	2	-
FT2X8	8" (200)	1	2	2	-
FT2X12	12" (300)	1	2	2	-
FT2X16	16" (400)	2	2	2	-
FT2X18	18" (450)	2	2	2	-
FT2X20	20" (500)	2	2	2	-
FT2X24	24" (600)	2	2	2	-
FT2X30	30" (750)	3	2	2	-
FT2X32	32" (800)	3	2	2	-
FT4X4	4" (100)	1	2	2	-
FT4X6	6" (150)	1	2	2	-
FT4X8	8" (200)	1	2	2	-
FT(*)X12	12" (300)	1	2	2	-
FT(*)X16	16" (400)	2	2	2	-
FT(*)X18	18" (450)	2	2	2	-
FT(*)X20	20" (500)	2	2	2	-
FT(*)X24	24" (600)	2	2	2	-
FT(*)X30	30" (750)	3	2	2	-
FT2X2 †	2" (50)	-	6	-	2
FT2X4 †	4" (100)	-	6	-	2
FT2X6	6" (150)	1	6	-	2
FT2X8	8" (200)	1	6	-	2
FT2X12	12" (300)	1	6	-	2
FT2X16	16" (400)	2	6	-	2
FT2X18	18" (450)	2	6	-	2
FT2X20	20" (500)	2	6	-	2
FT2X24	24" (600)	2	6	-	2
FT2X30	30" (750)	3	6	-	2
FT2X32	32" 800	3	6	-	2
FT4X4	4" (100)	1	6	-	2
FT4X6	6" (150)	1	6	-	2
FT4X8	8" (200)	1	6	-	2
FT(*)X12	12" (300)	1	6	-	2
FT(*)X16	16" (400)	2	6	-	2
FT(*)X18	18" (450)	2	6	-	2
FT(*)X20	20" (500)	2	6	-	2
FT(*)X24	24" (600)	2	6	-	2
FT(*)X30	30" (750)	3	6	-	2



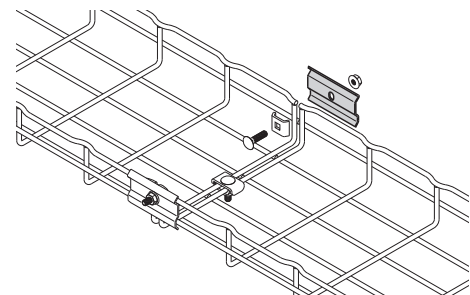
(*) 4 for 4" Deep FLEXTRAY
6 for 6" Deep FLEXTRAY

Washer Splice Kits



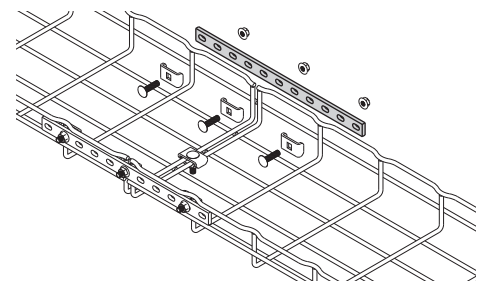
- 1 Install one kit on each side and remaining kit(s) on bottom.
- 2 Install two kits on each side and remaining kits on bottom.

Splice Plates



Install splice plates on sides and WASHER SPL KIT on bottom.




Splice Bars



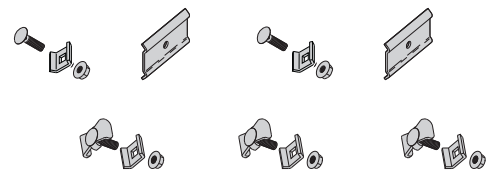
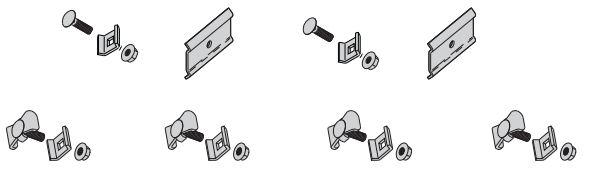
Install splice bars on sides and WASHER SPL KIT on bottom.

† Sizes not UL Classified

Splice Plate Kits for 2" Deep FLEXTRAY

Part Number	System Width		Weight Per 100		Box Quantity	Conveniently poly-bagged for use with 2" Deep FLEXTRAY
	in.	(mm)	lbs.	(kg)		
FTS20SK	2"	(50)	2.91	(1.32)	10	
	4"	(100)				
FTS21SK	6"	(150)	3.63	(1.64)	10	
	8"	(200)				
FTS22SK	12"	(300)	4.35	(1.97)	10	
	18"	(450)				
	20"	(500)				
	24"	(600)				

Splice Plate Kits for 4" & 6" Deep FLEXTRAY

Part Number	System Width		Weight Per 100		Box Quantity	Conveniently poly-bagged for use with 4" & 6" Deep FLEXTRAY
	in.	(mm)	lbs.	(kg)		
FTS23SK	4"	(100)	5.07	(2.30)	10	
	6"	(150)				
	8"	(200)				
	12"	(300)				
FTS24SK	18"	(450)	5.79	(2.62)	10	
	20"	(500)				
	24"	(600)				