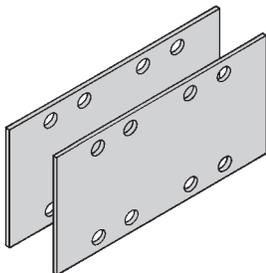


Splice Plates

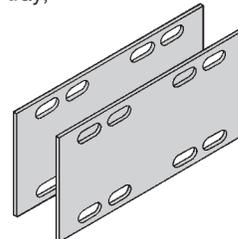
- Standard 8-hole pattern for all stainless steel splice plates.
- Furnished in pairs with hardware.
- One pair including hardware provided with straight section.
- Boxed in pairs with hardware.
- (*) Insert **SS4** or **SS6**



Catalog No.	Height	
	in.	mm
9(*)-8004	4	101
9(*)-8005	5	127
9(*)-8006	6	152

Expansion Splice Plates

- Expansion plates allow for one inch expansion or contraction of the cable tray, or where expansion joints occur in the support structure.
- Furnished in pairs with hardware.
- **Bonding Jumpers are required. Order Separately.**
- (*) Insert **SS4** or **SS6**

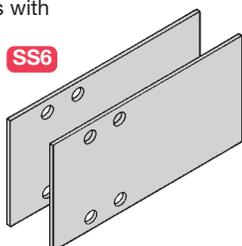


Catalog No.	Height	
	in.	mm
9(*)-8014	4	101
9(*)-8015	5	127
9(*)-8016	6	152

For heavy duty expansion splice plates see page APP-3.

Universal Splice Plates

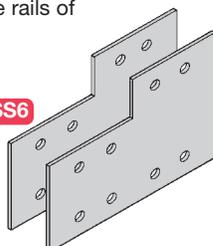
- Used to splice to existing cable tray systems.
- Furnished in pairs with hardware.
- (*) Insert **SS4** or **SS6**



Catalog No.	Height	
	in.	mm
9(*)-8004-1/2	4	101
9(*)-8005-1/2	5	127
9(*)-8006-1/2	6	152

Step Down Splice Plates

- These splice plates are offered for connecting cable tray sections having side rails of different heights.
- Furnished in pairs with hardware.
- (*) Insert **SS4** or **SS6**

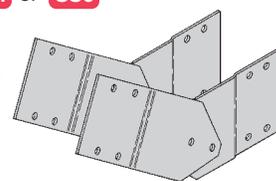


Catalog No.	Height	
	in.	mm
9(*)-8045	5 to 4	127 to 101
9(*)-8046	6 to 4	152 to 101
9(*)-8060	6 to 5	152 to 127

Vertical Adjustable Splice Plates

- These plates provide for changes in elevation that do not conform to standard vertical fittings.
- Furnished in pairs with hardware.
- (*) Insert **SS4** or **SS6**

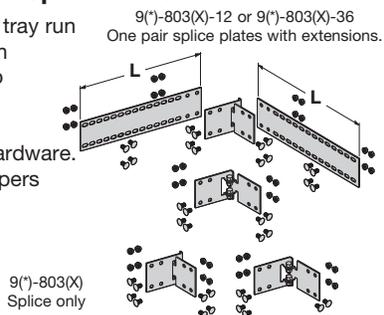
Requires supports within 24" on both sides, per NEMA VE 2.



Catalog No.	Height	
	in.	mm
9(*)-8024	4	101
9(*)-8025	5	127
9(*)-8026	6	152

Horizontal Adjustable Splice Plates

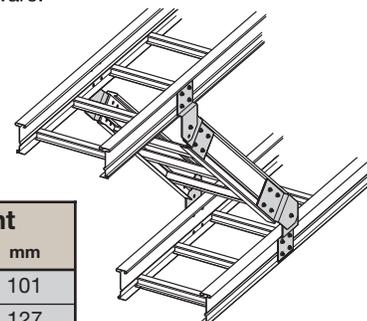
- Offered to adjust a cable tray run for changes in direction in a horizontal plane that do not conform to standard horizontal fittings.
- Furnished in pairs with hardware.
- New design bonding jumpers **not** required.
- (*) Insert **SS4** or **SS6**
- (X) Insert 4, 5 or 6 for side rail height.



Catalog No.	Cable Tray End Cut	Tray Width	'L'	Requires supports within 24" on both sides, per NEMA VE 2.
9(*)-803(X)	Mitered	Thru 36"	N/A	
9(*)-803(X)-12	Not Mitered	Thru 12"	16"	
9(*)-803(X)-36	Not Mitered	Thru 36"	41"	

Branch Pivot Connectors

- Branch from existing cable tray runs at any point.
- Pivot to any required angle.
- UL Classified for grounding (bonding jumper not required).
- Furnished in pairs with hardware.
- (*) Insert **SS4** or **SS6**



Catalog No.	Height	
	in.	mm
9(*)-8244	4	101
9(*)-8245	5	127
9(*)-8246	6	152

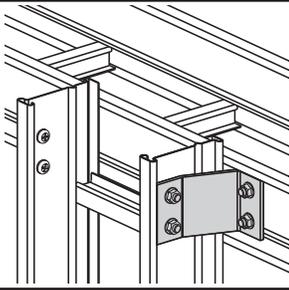
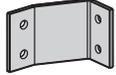
● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items

Series 3 & 4 Stainless Steel - Accessories

Series 3 & 4 Stainless Steel

Cross Connector Bracket

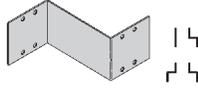
- For field connecting crossing section.
- Furnished in pairs with 3/8" hardware.
- (*) Insert **SS4** or **SS6**



Catalog No. 9(*)-1240

Offset Reducing Splice Plate

- This plate is used for joining cable trays having different widths. When used in pairs they form a straight reduction; when used singly with a standard splice plate, they form an offset reduction.

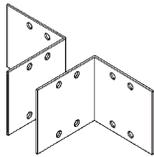


- Furnished as one plate with hardware.
- (‡) Insert reduction
- (*) Insert **SS4** or **SS6**

Catalog No.	Height	
	in.	mm
9(*)-8064-(‡)	4	101
9(*)-8065-(‡)	5	127
9(*)-8066-(‡)	6	152

Tray to Box Splice Plates

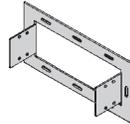
- Used to attach the end of a cable tray run to a distribution box or control panel.
- Furnished in pairs with hardware.
- (*) Insert **SS4** or **SS6**



Catalog No.	Height	
	in.	mm
9(*)-8054	4	101
9(*)-8055	5	127
9(*)-8056	6	152

Frame Type Box Connector

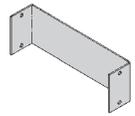
- Designed to attach the end of a cable tray run to a distribution cabinet or control center to help reinforce the box at the point of entry.
- Furnished with cable tray connection hardware.
- (‡) Insert tray width
- (*) Insert **SS4** or **SS6**



Catalog No.	Height	
	in.	mm
9(*)-8074-(‡)	4	101
9(*)-8075-(‡)	5	127
9(*)-8076-(‡)	6	152

Blind End

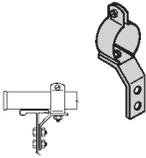
- This plate forms a closure for a dead end cable tray.
- Furnished as one plate with hardware.
- (‡) Insert tray width
- (*) Insert **SS4** or **SS6**



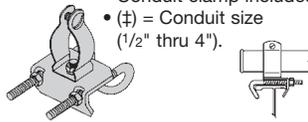
Catalog No.	Height	
	in.	mm
9(*)-8084-(‡)	4	101
9(*)-8085-(‡)	5	127
9(*)-8086-(‡)	6	152

Conduit to Tray Adaptors

- Assembly required.
- Mounting hardware included.
- Conduit clamps provided.
- (‡) = Conduit size (1/2" thru 4").



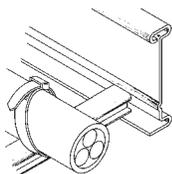
- Assembly required.
- Conduit clamp included.
- (‡) = Conduit size (1/2" thru 4").



Catalog No. ● 9SS4-1150-(‡)

Catalog No. ● 9SS4-1155-(‡)

Cable Tie (Ladder Tray)



Nylon ties provide easy attachment of cable to ladder rungs; maximum cable O.D. of 3" (76mm).

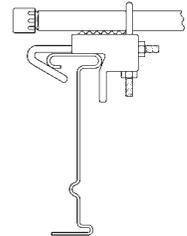
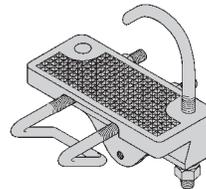


Overall Length 15"

Catalog No. ● 99-2125-15

Conduit to Tray Adaptor

- For easy attachment of conduit terminating at a cable tray.
- Use on aluminum or steel cable trays.



Steel I-Beam

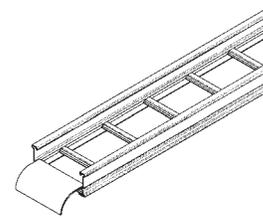
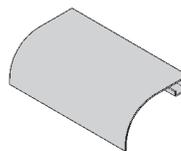
Catalog No.	Conduit Size	
	in.	mm
● 9G-1158-1/2, 3/4	1/2, 3/4	15, 20
● 9G-1158-1, 1 1/4	1, 1 1/4	25, 32
● 9G-1158-1 1/2, 2	1 1/2, 2	40, 50
● 9G-1158-2 1/2, 3	2 1/2, 3	65, 80
● 9G-1158-3 1/2, 4	3 1/2, 4	90, 100

● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items

Series 3 & 4 Stainless Steel - Accessories

Ladder Drop-Out

- Specially-designed Ladder Drop-Outs provide a rounded surface with 4" (101 mm) radius to protect cable as it exits from the cable tray, preventing damage to insulation. The drop-out will attach to any desired rung.
- (‡) Insert tray width
- (*) Insert **SS4** or **SS6**

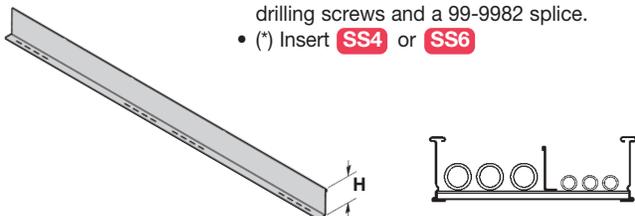


Catalog No. 9(*)-1104-(‡)

Barriers

Straight Section

- Standard length: 120" (3 m) 144" (12 ft.).
- Order catalog number based on loading depth.
- Furnished with four #10 x 1/2" SS4 self-drilling screws and a 99-9982 splice.
- (*) Insert **SS4** or **SS6**

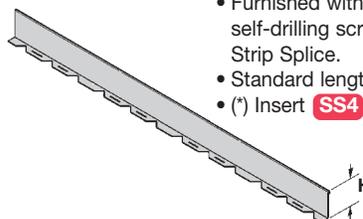


Catalog No.	Side Rail Height		Loading Depth 'H'	
	in.	mm	in.	mm
73(*)-Length	4	101	3	76
74(*)-Length	5	127	4	101
75(*)-Length	6	152	5	127

Length =
144 for 12'
or
120 for 10'

Horizontal Bend

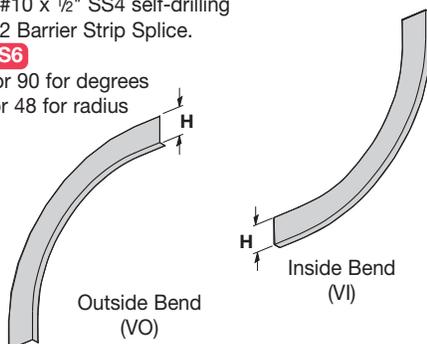
- Horizontal Bend Barriers are flexible in order to conform to any horizontal fitting radius. Cut to length.
- Order catalog number based on loading depth.
- Furnished with three #10 x 1/2" SS4 self-drilling screws and a 99-9982 Barrier Strip Splice.
- Standard length is 72" (6 ft.), sold individually.
- (*) Insert **SS4** or **SS6**



Catalog No.	Side Rail Height		Loading Depth 'H'	
	in.	mm	in.	mm
73(*)-90HBFL	4	101	3	76
74(*)-90HBFL	5	127	4	101
75(*)-90HBFL	6	152	5	127

Vertical Bend Barriers

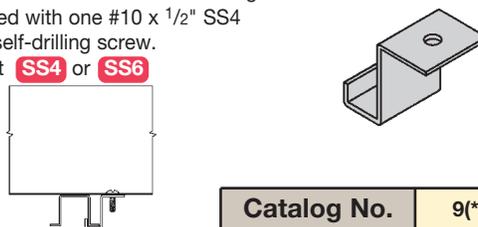
- Vertical Bend Barriers are preformed to conform to a specific vertical fitting.
- Furnished with three #10 x 1/2" SS4 self-drilling screws and a 99-9982 Barrier Strip Splice.
- (*) Insert **SS4** or **SS6**
- (**) Insert 30, 45, 60 or 90 for degrees
- (t) Insert 12, 24, 36 or 48 for radius



Inside Bend Catalog No.	Outside Bend Catalog No.	Side Rail Height		Loading Depth 'H'	
		in.	mm	in.	mm
73(*)-(**)(t)VI(t)	73(*)-(**)(t)VO(t)	4	101	3	76
74(*)-(**)(t)VI(t)	74(*)-(**)(t)VO(t)	5	127	4	101
75(*)-(**)(t)VI(t)	75(*)-(**)(t)VO(t)	6	152	5	127

Barrier Strip Clip

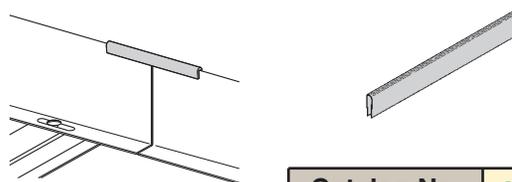
- Zinc plated steel barrier clip fastens to either aluminum or steel ladder rung.
- Furnished with one #10 x 1/2" SS4 plated self-drilling screw.
- (*) Insert **SS4** or **SS6**



Catalog No. 9(*)-9002

Barrier Strip Splice

- Plastic splice adjoining barrier strips in straight alignment.



Catalog No. ● 99-9982

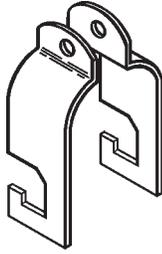
● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items

Series 3 & 4 Stainless Steel - Accessories

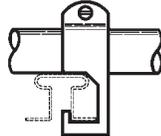
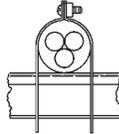
Series 3 & 4 Stainless Steel

Stainless Steel Cable Clamp

- Fits with series 3 & 4 rungs.
- Shipped flat. Field form around the cable at the time of installation.



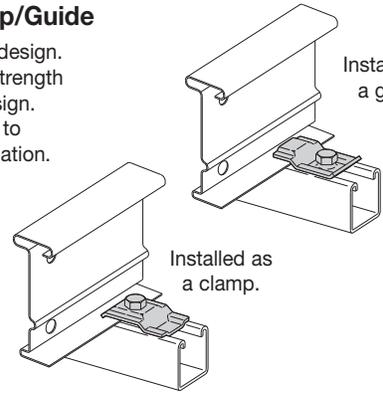
Refer to Section CF
Cable Fixing



Catalog No.	Cable Size	
	in.	mm
● 9SS4-4050	0.50 - 0.75	13 - 19
● 9SS4-4075	0.75 - 1.00	19 - 25
● 9SS4-4100	1.00 - 1.25	25 - 32
● 9SS4-4125	1.25 - 1.50	32 - 38
● 9SS4-4150	1.50 - 1.75	38 - 45
● 9SS4-4175	1.75 - 2.00	45 - 51
● 9SS4-4200	2.00 - 2.25	51 - 57
● 9SS4-4225	2.25 - 2.50	57 - 64
● 9SS4-4250	2.50 - 2.75	64 - 70
● 9SS4-4275	2.75 - 3.00	70 - 76
● 9SS4-4300	3.00 - 3.25	76 - 82
● 9SS4-4325	3.25 - 3.50	82 - 89
● 9SS4-4350	3.50 - 3.75	89 - 95
● 9SS4-4375	3.75 - 4.00	95 - 102
● 9SS4-4400	4.00 - 4.25	100 - 106
● 9SS4-4425	4.25 - 4.50	106 - 113
● 9SS4-4450	4.50 - 4.75	113 - 121
● 9SS4-4475	4.75 - 5.00	121 - 125

Cable Tray Clamp/Guide

- Features a no-twist design.
- Has four times the strength of the traditional design.
- Each side is labeled to ensure proper installation.
- 1/2" hardware size.
- Furnished in pairs without hardware.

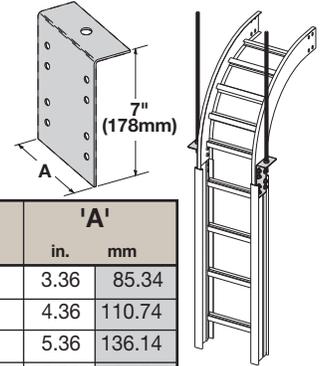


Patent #
RE35479

Catalog No. ● 9SS6-1205

Vertical Tray Hanger

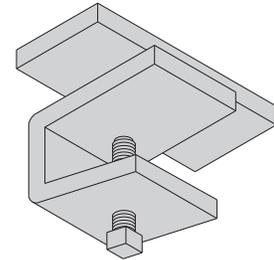
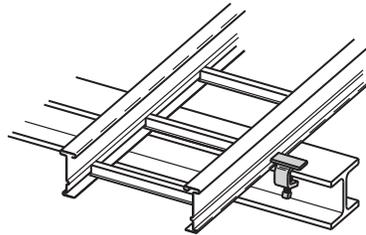
- (*) Insert **SS4** or **SS6**
- Design load 1500 lbs/pair. Safety Factor of 2.5
- Furnished in pairs.
- Hole size: 9/16" (14mm) for 1/2" threaded rod.



Catalog No.	Outside	'A'	
	Cable Tray Ht.	in.	mm
9(*)-8224	4"	3.36	85.34
9(*)-8225	5"	4.36	110.74
9(*)-8226	6"	5.36	136.14
9(*)-8227	7"	6.36	161.54

Cable Tray Guide

- Expansion guide for single or double cable tray runs.
- Guide allows for longitudinal movement of the cable tray.
- No field drilling of support I-beam or channel is required.
- Guides are required on both sides of cable tray to prevent lateral movement - can be placed on either the inside or outside flange of cable tray.
- Guides are sold in pieces - two guides are required per tray.
- Maximum flange thickness 1 1/8" (28.58 mm).



Catalog No.	Finish
● 9G-1249	HDGAF

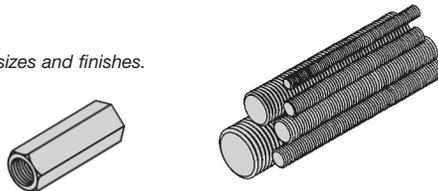
Threaded Rod (ATR) & Rod Coupling

Size	Loading lbs	Catalog No.	Available Lengths	Coupling Cat. No.
3/8-16	730	● ATR 3/8 x Length	36", 72", 144"	● B655-3/8
1/2-13	1350	● ATR 1/2 x Length	36", 72", 144"	● B655-1/2

Loading based on safety factor 5.

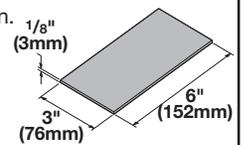
Standard Finish: SS4 or SS6

See B-Line Strut Systems Catalog for other sizes and finishes.



Nylon Pad

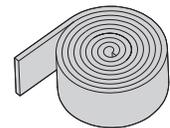
- Use for friction reduction.
- Hardness: Shore D80.
- Low friction coefficient.
- UV resistant.
- Excellent weatherability.
- UL - 94HB.



Cat. No. ● 99-PE36

Neoprene Roll

- Use for material isolation.
- 1/8" x 2" x 25' roll.
- Hardness: Shore A60.
- Good weatherability.



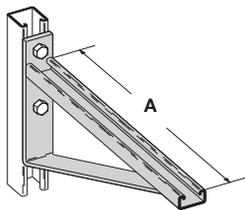
Catalog No. ● 99-NP300

● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items

Series 3 & 4 Stainless Steel - Accessories

Series 3 & 4 Stainless Steel

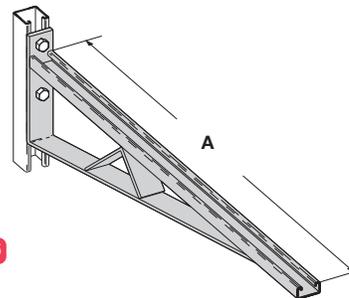
Cantilever Bracket



- (*) Insert **SS4** or **SS6**
- Safety Load Factor 2.5

Catalog No.	Uniform Load		Tray Width		'A'	
	lbs	kN	in.	mm	in.	mm
B494-12(*)	1580	7.02	6 & 9	152 & 229	12	305
B494-18(*)	1000	4.45	12	305	18	457
B494-24(*)	996	4.43	18	457	24	610

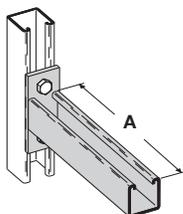
Cantilever Bracket



- (*) Insert **SS4** or **SS6**
- Safety Load Factor 2.5

Catalog No.	Uniform Load		Tray Width		'A'	
	lbs	kN	in.	mm	in.	mm
B494-30(*)	924	4.11	24	610	30	762
B494-36(*)	864	3.84	30	762	36	914
B494-42(*)	580	2.58	36	914	42	1067
B494-48(*)	500	2.22	42	1067	48	1219

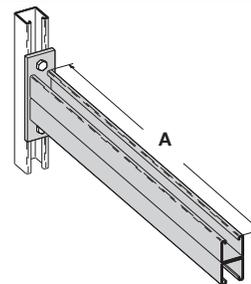
Cantilever Bracket



- (*) Insert **SS4** or **SS6**
- Safety Load Factor 2.5

Catalog No.	Uniform Load		Tray Width		'A'	
	lbs	kN	in.	mm	in.	mm
B409-12(*)	960	4.27	6 & 9	152 & 229	12	305
B409-18(*)	640	2.84	12	305	18	457
B409-24(*)	480	2.13	18	457	24	610

Cantilever Bracket



- (*) Insert **SS4** or **SS6**
- Safety Load Factor 2.5

Catalog No.	Uniform Load		Tray Width		'A'	
	lbs	kN	in.	mm	in.	mm
B297-12(*)	1660	7.37	6 & 9	152 & 229	12	305
B297-18(*)	1100	4.88	12	305	18	457
B297-24(*)	835	3.71	18	457	24	610
B297-30(*)	665	2.95	24	610	30	762
B297-36(*)	550	2.44	30	762	36	914
B297-42(*)	465	2.06	36	914	42	1067

Rooftop Support Bases with B22 Channel

Designed as a superior rooftop support for cable tray,

UV resistant and approved for most roofing material or other flat surfaces.

Can be used with any of B-Line cable tray clamps and guides.

Ultimate Load Capacity:
1,000 lbs. (uniform load)



Catalog No.	Height x Width x Length
● DB10-28	5 ⁵ / ₈ " x 6" x 28.0"
● DB10-36	5 ⁵ / ₈ " x 6" x 36.0"
● DB10-42	5 ⁵ / ₈ " x 6" x 42.0"
● DB10-50	5 ⁵ / ₈ " x 6" x 50.0"
● DB10-60	5 ⁵ / ₈ " x 6" x 60.0"

LEEDS credit available, base made from 100% recycled material.

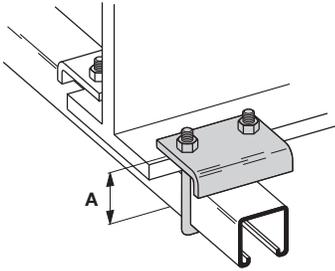
General Note: Consult roofing manufacturer or engineer for roof load capacity. The weakest point may be the insulation board beneath the rubber membrane.

● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items

Series 3 & 4 Stainless Steel - Accessories

Beam Clamp

- Sold in pieces with hardware.
- Finishes available: **SS4** or **SS6**

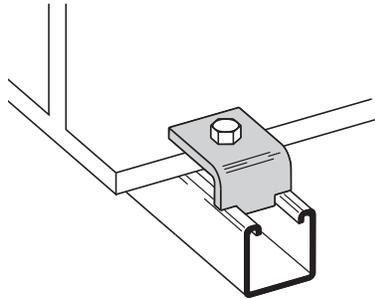


Design load when used in pairs.
Safety Load Factor 5.0

Catalog No.	Design Load*		'A'	
	lbs	kN	in.	mm
B441-22(*)	1200	5.34	3 ³ / ₈	86
B441-22A(*)	1200	5.34	5	127

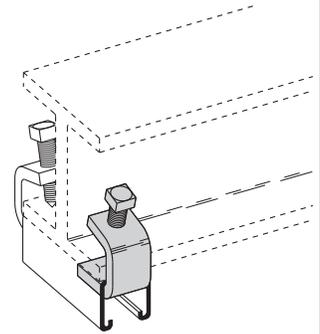
Beam Clamp B355SS4 ●

- Sold in pieces.
- Design load is 1200 lbs. when used in pairs.
- Safety Load Factor 5.0
- Order HHCS and Channel Nuts separately.



Beam Clamp

- Sold in pieces.
- 304 stainless steel

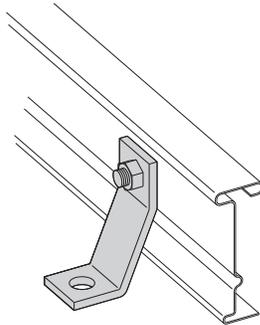


Design load when used in pairs.
Safety Load Factor 5.0

Cat. No.	● B212-1/4SS4		● B212-3/8SS4	
	Design Load *	600 lbs.	2.67 kN	1000 lbs.
Max. Flange Thick	3/4"	19 mm	1 1/8"	28.6 mm
Mat'l. Thickness	1/4"	6.3 mm	3/8"	9.5 mm

Heavy Duty Hold Down Bracket

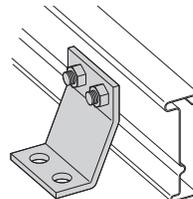
- Design load is 2000 lbs/pair.
- Two bolt design.
- Sold in pairs.
- 3/8" cable tray attachment hardware provided.
- 1/2" support attachment hardware **not** provided.
- (*) Insert **SS4** or **SS6**
- Recommended for support of vertical trays.



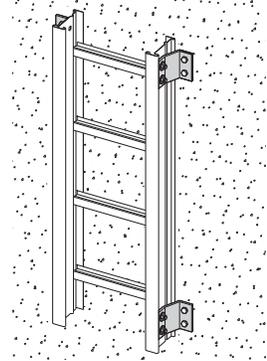
Catalog No.	9(*)-1241
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Heavy Duty Hold-Down Bracket

- Design load is 4000 lbs/pair.
- Four bolt design.
- Sold in pairs.
- 3/8" cable tray attachment hardware provided
- 1/2" support attachment hardware **not** provided.
- (*) Insert **SS4** or **SS6**
- Recommended for support of vertical trays.



Catalog No.	9(*)-1242
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● Green = Fastest shipped items ● Black = Normal lead-time items ● Red = Normally long lead-time items