Catalog No.

9(*)-8004

9(*)-8005

9(*)-8006

Splice Plates

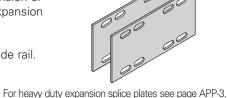
- Standard 8-hole pattern for all steel splice plates.
- Furnished in pairs with hardware.
- One pair including hardware provided with straight section. (Expansion splice quantity subtracted)
- Boxed in pairs with hardware.
- (*) Insert SS4 or SS6

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 on each side rail. Order Separately.
- (*) Insert SS4 or SS6

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(*)-8014
 4
 (101)

 9(*)-8015
 5
 (127)

 9(*)-8016
 6
 (152)

Height

4 (101)

5 (127)

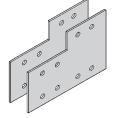
in. mm

6 (152)

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

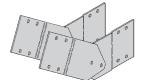
- These splice plates are offered for connecting cable tray sections having side rails of different heights.
- Furnished in pairs with hardware.
- (*) Insert **SS4** or **SS6**



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.
- Bonding Jumpers not required.
- (*) Insert SS4 or SS6



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

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

Branch Pivot Connectors

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

- Catalog No.
 Height in.
 mm

 9(*)-8244
 4
 (101)

 9(*)-8245
 5
 (127)

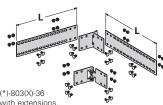
 9(*)-8246
 6
 (152)
- Green = Fastest shipped items
 Black = Normal lead-time items
 Red = Normally long lead-time items

Series 3 & 4 Stainless Steel - Accessories

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.
- Bonding jumpers **not** required.
- (*) Insert SS4 or SS6
- (X) Insert 4, 5, 6 or 7 for side rail height.

9(*)-803(X) Splice only



9(*)-803(X)-12 or 9(*)-803(X)-36 One pair splice plates with extensions

ЪЦ

Catalog	Cable Tray	Thru Tra	ay Width	'L'
No.	End Cut	in.	(mm)	in. (mm)
9(*)-803(X)	Mitered	36	(914)	N/A (NA)
9(*)-803(X)-12	Not mitered	12	(305)	16 (406)
9(*)-803(X)-36	Not mitered	36	(914)	41 (1041)

Catalog No.

9(*)-8064-(‡)

Catalog No.

9(*)-8074-(‡)

9(*)-8075-(‡)

9(*)-8076-(‡)

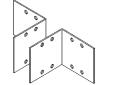
Requires supports within 24" on both sides, per NEMA VE 2.

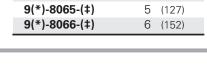
Offset Reducing Splice Plate

- 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

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





Height

4 (101)

Height

in. mm

4 (101)

6 (152)

5 (127)

in. mm

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

Frame Type Box Connector

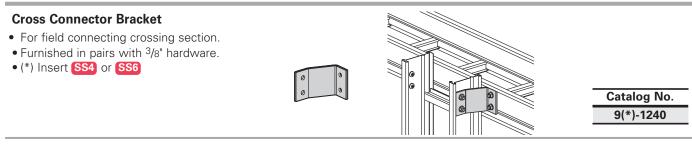
- Designed to attach the end of a cable tray run to a distribution cabinet or control center to help reinforce the box at the point of entry.
- Furnished with tray connection hardware.
- (*) Insert SS4 or SS6
- (‡) Insert tray width

Blind End

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

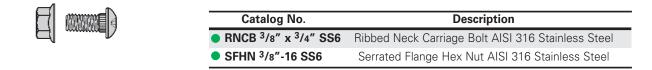


Catalog No.	Height in. mm
9(*)-8084-(‡)	4 (101)
9(*)-8085-(‡)	5 (127)
9(*)-8086-(‡)	6 (152)



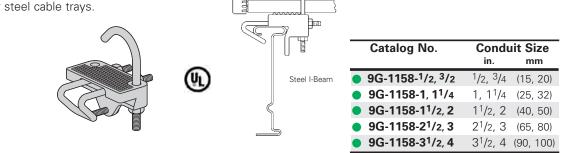
Green = Fastest shipped items
 Black = Normal lead-time items
 Red = Normally long lead-time items

Standard Tray Hardware (for field installation drill 13/32" hole)



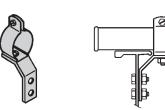
Conduit to Cable Tray Adaptor

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



Conduit to Cable Tray Adaptor

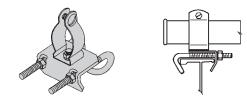
- Assembly required.
- Mounting hardware included.
- Conduit clamps provided.
- $(\ddagger) = \text{Insert conduit size } (1/2" \text{ thru } 4").$



Catalog No. • 9SS4-1150-(‡)

Conduit to Cable Tray Adaptor

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

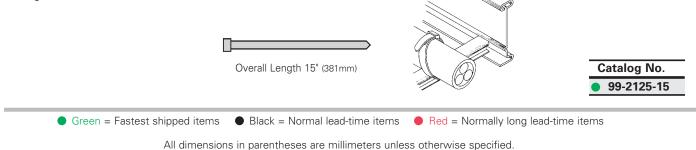


Catalog No.

9SS4-1155-(‡)

Cable Tie (Ladder Tray)

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



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 SS4 or SS6 • (‡) Insert tray width Catalog No. 9(*)-1104-(‡) **Barrier - Straight Section** • Length: Insert 120 for [120" - 10 ft.] (3.0 m) or 144 for [144" - 12 ft.] (3.6 m) • Order catalog number based on loading depth. Furnished with four #10 x ¹/₂" plated Catalog Side Rail Loading Height self-drilling screws and a 99-9982 Barrier Strip Splice. No. Depth 'H' • (*) Insert SS4 or SS6 in. mm in. mm 73(*)-Length 4 (101) 3 (76) 74(*)-Length 5 (127) 4 (101) 75(*)-Length 6 (152) 5 (127) **Barrier - Horizontal Bend** Horizontal Bend Barriers are flexible in order to conform to any horizontal fitting radius. Can be cut to desired length. • Standard length is 72" [6 ft.] (1.8 m) - sold individually Side Rail Loading Catalog Depth 'H' Height • Order catalog number based on loading depth. No. in. mm in. mm Furnished with three #10 x ¹/2" plated • 73(*)-90HBFL 4 (101) 3 (76) self-drilling screws and a 99-9982 Barrier Strip Splice. (*) Insert SS4 or SS6 74(*)-90HBFL 5 (127) 4 (101) 75(*)-90HBFL 5 (127) 6 (152) **Barrier - Vertical Outside Bend** Vertical Outside Bend Barriers are preformed to conform to a specific vertical outside bend fitting. • Furnished with three #10 x ¹/2" plated self-drilling screws and a 99-9982 Barrier Strip Splice. Side Rail Loading Catalog • (*) Insert or Height Depth 'H' No. Outside Bend • (**) Insert 30, 45, 60 or 90 for degrees in. mm in. mm (VO) • (†) Insert 12, 24, 36 or 48 for radius 73(*)-(**)VO(†) 4 (101) 3 (76) 74(*)-(**)VO(†) 5 (127) 4 (101) 75(*)-(**)VO(†) 6 (152) 5 (127) **Barrier - Vertical Inside Bend**

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

Inside Bend (VI)

Catalog No.		e Rail ight ^{mm}		ading oth 'H' ^{mm}
73(*)-(**)VI(†)	4	(101)	3	(76)
74(*)-(**)VI(†)	5	(127)	4	(101)
75(*)-(**)VI(†)	6	(152)	5	(127)

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

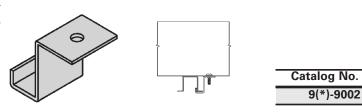
All dimensions in parentheses are millimeters unless otherwise specified.

Series 3 & 4 Stainless Steel

К-9

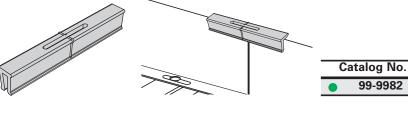
Barrier Strip Clip

- Barrier clip fastens to either aluminum or steel ladder rung.
- Furnished with one #10 x $1/2^{"}$ zinc plated self-drilling screw.
- (*) Insert **SS4** or **SS6**



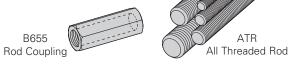
Barrier Strip Splice

- 2.85" (72.4mm) long
- Ribbed edge for increased rigidity and grip
- Comfort edge for ease of installation
- Slotted top window with center mark for accurate placement and inspection capability
- Patent pending



Thread Rod (ATR) & Rod Couplings

Loading based on safety factor 5. Standard Finish: Zinc plated See B-Line series Strut Systems Catalog for other sizes and finishes.



Size	Catalog No.	Available Length	Loading
All Thread	ed Rod		
³ /8"-16	● ATR ¾" x Length	36", 72", 120", 144"	730 lbs.
¹ /2"-13	ATR 1/2" x Length	36", 72", 120", 144"	1350 lbs.
Rod Coupl	ing		
³ /8"-16	B655- ³ /8"	NA	730 lbs.
¹ /2"-13	B655- ¹ /2"	NA	1350 lbs.

Stainless Steel Cable Clamp

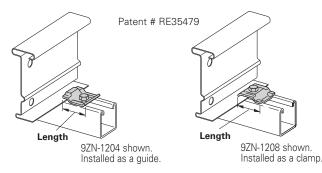
- Fits with series 2, 3, 4 & 5 standard steel rungs.
- Shipped flat. Field form around the cable at the time of installation.

		Catalog No.	Cable	Size
rungs.			in.	mm
		9 \$\$4-4050	0.50 - 0.75	(13 - 19)
		9 SS4-4075	0.75 - 1.00	(19 - 25)
		9 \$\$4-4100	1.00 - 1.25	(25 - 32)
		9 SS4-4125	1.25 - 1.50	(32 - 38)
		9 SS4-4150	1.50 - 1.75	(38 - 45)
		9 SS4-4175	1.75 - 2.00	(45 - 51)
		9 \$\$4-4200	2.00 - 2.25	(51 - 57)
lop L		9 \$\$4-4225	2.25 - 2.50	(57 - 64)
		9 \$\$4-4250	2.50 - 2.75	(64 - 70)
		9 SS4-4275	2.75 - 3.00	(70 - 76)
	Refer to Section CF Cable Fixing	9 \$\$4-4300	3.00 - 3.25	(76 - 82)
	edole i milig	9 \$\$4-4325	3.25 - 3.50	(82 - 89)
		9 \$\$4-4350	3.50 - 3.75	(89 - 95)
\checkmark		9 \$\$4-4375	3.75 - 4.00	(95 - 100)
		9 \$\$4-4400	4.00 - 4.25	(100 - 106)
		9 SS4-4425	4.25 - 4.50	(106 - 113)
		9 \$\$4-4450	4.50 - 4.75	(113 - 121)
		9 \$\$4-4475	4.75 - 5.00	(121 - 125)
Black – Normal I	ead-time items 🛛 🛑 Bed	– Normally long lea	d-time items	

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

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.
- Furnished in pairs without hardware.
- Not recommended for vertical support.



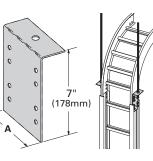
When installing this device as an expansion guide on the outside flange of *Steel Side Rail*, use the Catalog No. **B202** Square Washer in order to properly elevate the guide.

Note: For heavy duty or vertical applications see 9(*)-1241 or 9(*)-1242 page HAT-20

Catal	Catalog No.			
Without Hardware	With Hardware	Overall Length in. (mm)	Hardware Size in.	Finish
9 \$\$6-1205		21/4 (57)	1/2"	316SS

Vertical Hanger Splice Plates

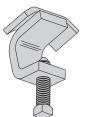
- Design load is 1500 lbs (6.67kN) per pair.
- Safety Factor of 2.5
- Furnished in pairs.
- Hole size: ⁹/16" (14mm) for ¹/2" threaded rod.
- (*) Insert SS4 or SS6

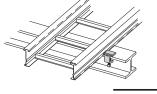


Catalog No.	Outside		'A'
	Cable Tray Ht.	in.	(mm)
9(*)-8224	4"	3.84	(97.54)
9(*)-8225	5"	4.73	(120.14)
9(*)-8226	6"	5.84	(148.34)
9(*)-8227	7"	6.84	(173.74)

Cable Tray Clamp

- Hold-down clamps for single or double cable tray runs.
- No drilling of support I-beam or channel is required.
- Sold in pieces two clamps are required per tray.
- Maximum beam flange thickness 1¹/8" (28.58 mm).
- (*) Insert SS4 or SS6

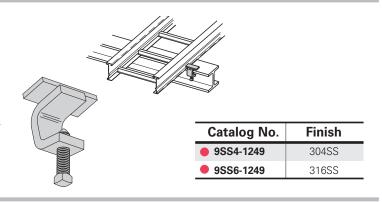




Catalog No.	Finish
9SS4-1249HD	304SS
9SS6-1249HD	316SS

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 11/8" (28.58 mm).
- (*) Insert SS4 or SS6



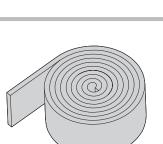
Green = Fastest shipped items
 Black = Normal lead-time items
 Red = Normally long lead-time items

Nylon Pad

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

Neoprene Roll

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



6"

(152mm)

1/8"

(3mm)

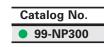
3

(76mm)



Catalog No.

• 99-PE36



DURA-BLOK™ 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 series cable tray clamps and guides.
- Ultimate Load Capacity: 1,000 lbs. (uniform load)



Catalog No.	Height x Width	-
	in.	(mm)
• DB10-28	5 ⁵ /8 x 6 x 28.0	(143 x 152 x 711)
• DB10-36	5 ⁵ /8 x 6 x 36.0	(143 x 152 x 914)
• DB10-42	5 ⁵ /8 x 6 x 42.0	(143 x 152 x 1067)
• DB10-50	5 ⁵ /8 x 6 x 50.0	(143 x 152 x 1270)
• DB10-60	5 ⁵ /8 x 6 x 60.0	(143 x 152 x 1524)

🟵 L

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

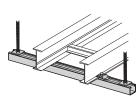
General Note: Consult roofing manufacturer or engineer for roof load capacity. The weakest point may be the insulation board beneath the rubber membrane.

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

Series 3 & 4 Stainless Steel - Accessories

Trapeze Support Kit

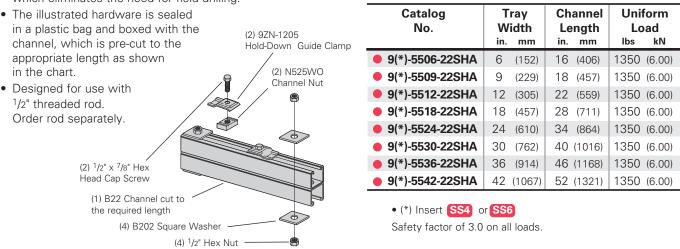
- Eaton's B-Line series trapeze kits provide the components required for a single trapeze support in one package. These kits are available in Type 304 or Type 316 stainless steel.
- The SH channel provides the convenience of pre-punched slots, which eliminate the need for field drilling.
- The illustrated hardware is sealed in a plastic bag and boxed with the channel, as shown in the c
- Designed for use ¹/2" threaded rod. Order rod separa



channel, which n in the chart. d for use with	is pre-cut to the	appropriate length	Catalog No.	Tray Width ^{in. mm}	Channel Length in. mm	Uniform Load Ibs kN
ded rod.	(2) ¹ /2" x ⁷ /8" Hex		9(*)-5506-22SH(†)	6 (152)	16 (406)	1350 (6.00)
d separately.	1	ZN-1205	• 9(*)-5509-22SH(†)	9 (229)	18 (457)	1250 (5.56)
	Hold-	-Down Guide Clamp	9(*)-5512-22SH(†)	12 (305)	22 (559)	1125 (5.00)
		🖲 (4) 1/2" Hex Nut	9(*)-5518-22SH(†)	18 (457)	28 (711)	865 (3.85)
(2) N525WO Channel Nut		(4) B202	• 9(*)-5524-22SH(†)	24 (610)	34 (864)	700 (3.11)
		Square Washer	9(*)-5530-22SH(†)	30 (762)	40 (1016)	590 (2.62)
		×	• 9(*)-5536-22SH(†)	36 (914)	46 (1168)	510 (2.27)
			9(*)-5542-22SH(†)	42 (1067)	52 (1321)	450 (2.00)
(1) B22 Channel to the required I			• (*) Insert SS4 o • (†) Insert ³ /8 for ³ / Safety factor of 3.0	/8" threaded r	od hardware.	

Heavy Duty Trapeze Support Kit

- · Eaton's B-Line series trapeze kits provide the components required for a single trapeze support in one package. These kits are available in Type 304 or Type 316 stainless steel.
- The SH channel provides the convenience of pre-punched slots, which eliminates the need for field drilling.

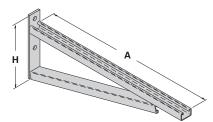


Trapeze Hardware Kit

1	Catalog No.	9 \$\$4-5500-1/2	9SS6-5500- 1/2
	In plastic bag	1 pr. 9SS6-1205 2 HHC Screw ¹ / ₂ x ⁷ / ₈ SS4 2 N525 WO SS6 4 B202 SS4 ¹ / ₂ " sq washer 4 HN ¹ / ₂ SS4	1 pr. SS6-1205 2 HHC Screw ¹ / ₂ x ⁷ / ₈ SS6 2 N525 WO SS6 4 B202 SS6 ¹ / ₂ " sq washer 4 HN ¹ / ₂ " SS6
8			

Bracket (12"-42")

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



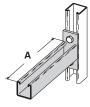
Bottom brace is B42 channel on B494-24 and smaller and B22 channel on B494-30 and larger

Catalog	Unifor	m Load	Tray	Width		'A'	Ή	ľ
No.	lbs	(kN)	in.	(mm)	in.	(mm)	in.	(mm)
B494-12	2500	(11.12)	6&9	(152 & 229)	12	(305)	8 ³ /4	(222)
B494-18	1700	(7.56)	12	(305)	18	(457)	8 ³ /4	(222)
B494-24	1300	(5.78)	18	(457)	24	(610)	8 ³ /4	(222)
B494-30	1600	(7.11)	24	(610)	30	(762)	11 ¹ /4	(286)
B494-36	1100	(4.89)	30	(762)	36	(914)	11 ¹ /4	(286)
B494-42	980	(4.36)	36	(914)	42	(1067)	16	(406)
B494-48	980	(4.36)	42	(1067)	48	(1219)	16	(406)

For more dimensional data see Strut Systems catalog

Cantilever Bracket

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



Catalog No.	Unifor	m Load	Tra	y Width	', in.	A' mm
B409-12(*)		(4.27)		(152 & 229)		(305)
B409-18(*)	640	(2.84)	12	(305)	18	(457)
B409-24(*)	480	(2.13)	18	(457)	24	(610)

Cantilever Bracket

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

A ///	
M.	/
S.	

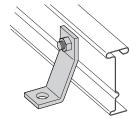
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Catalog No.	Unifor	n Load	Tra	y Width	'	A'
	lbs	kN	in.	mm	in.	mm
B297-12(*)	1660	(7.38)	6&9	(152 & 229)	12	(305)
B297-18(*)	1100	(4.89)	12	(305)	18	(457)
B297-24(*)	835	(3.71)	18	(457)	24	(610)
B297-30(*)	665	(2.93)	24	(610)	30	(762)
B297-36(*)	550	(2.44)	30	(762)	36	(914)
B297-42(*)	465	(2.06)	36	(914)	42	(1067)

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

Heavy Duty Hold Down Bracket

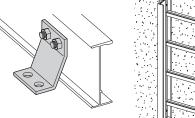
- Design load is 2000 lbs (8.89kN) per pair.
- Two bolt design.
- Sold in pairs.
- ³/₈" cable tray attachment hardware provided.
- ³/8" support attachment hardware **<u>not</u>** provided.
- (*) Insert SS4 or SS6
- Recommended for support of vertical trays.



Catalog No.	
9(*)-1241	

Heavy Duty Hold Down Bracket

- Design load is 4000 lbs (17.79kN) per pair.
- Four bolt design.
- Sold in pairs.
- ³/₈" cable tray attachment hardware provided
- ³/₈" support attachment hardware **not** provided.
- (*) Insert **SS4** or **SS6**
- Recommended for support of vertical trays.



Catalog No. 9(*)-1242

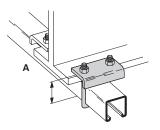
Beam Clamp

- Finishes available: SS4
- Sold in pieces.
- Design load is 1200 lbs (5.34kN) per pair.
- Safety Load Factor 5.0.
- Order HHCS and Channel Nuts separately.

Catalog No.	
B355SS4	

Beam Clamp

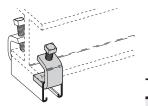
- (*) Insert **SS4** or **SS6**
- Sold in pieces.
- *Design load when used in pairs. Safety Load Factor 5.0



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

Beam Clamp

- Finishes available: **SS4**
- Sold in pieces.
- *Design load when used in pairs. Safety Load Factor 5.0



Catalog No.	B212-1/4SS4	B212-3/8SS6
Design Load *	600 lbs. (2.67kN)	1000 lbs. (4.45 kN)
Max. Flange Thick	³ /4" (19 mm)	1 ¹ /8" (28.6 mm)
Mat'l. Thickness	1/4" (6.3 mm)	³/ଃ" (9.5 mm)

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