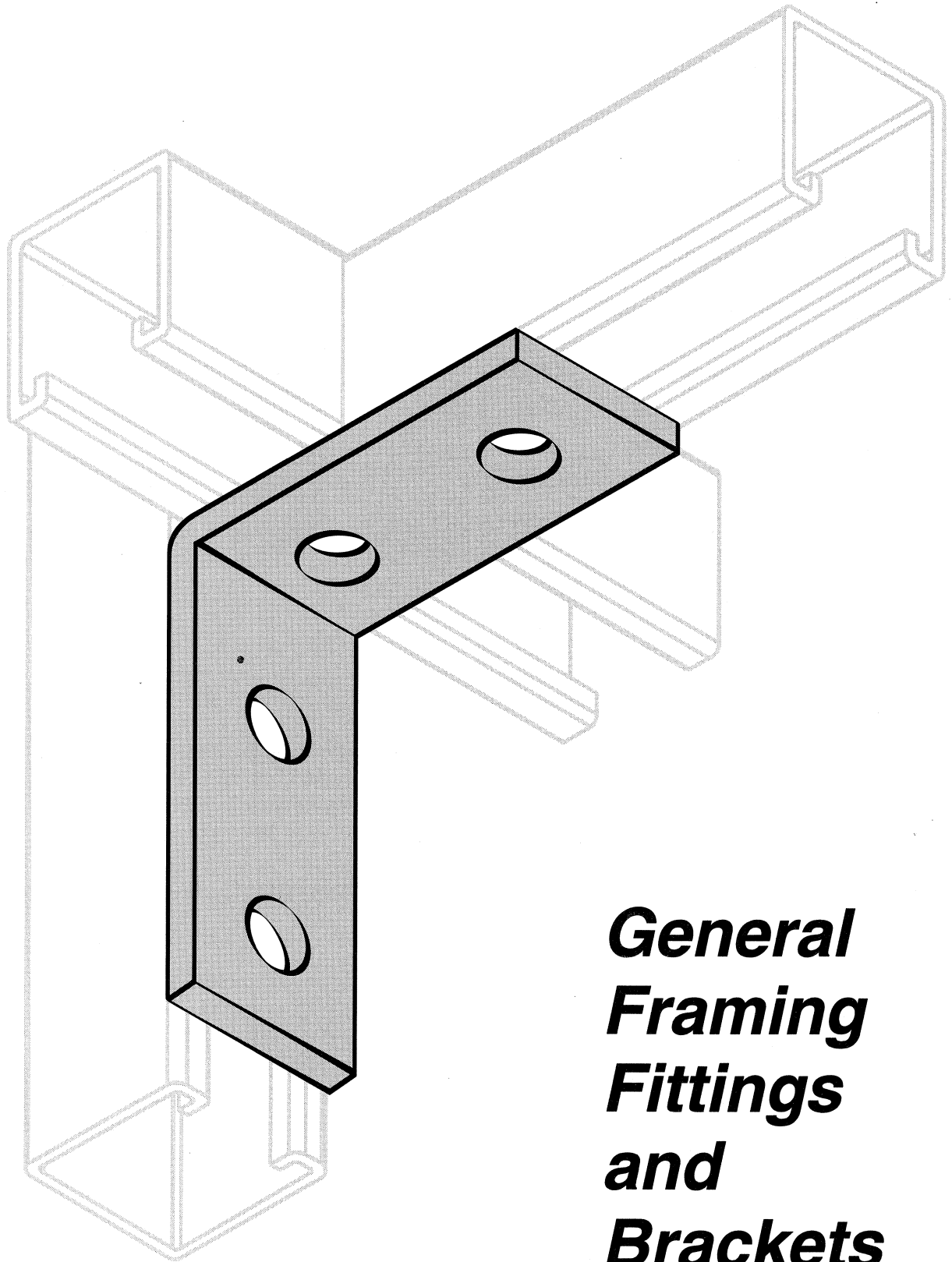




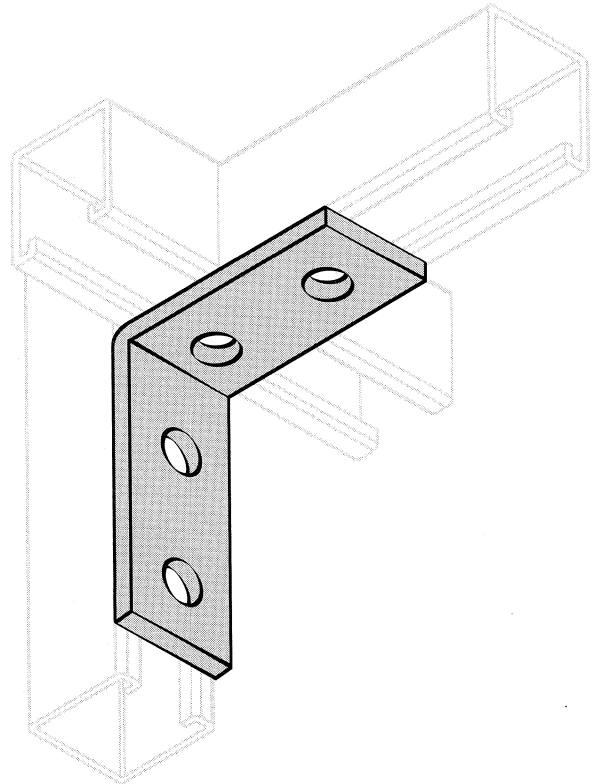
***General
Framing
Fittings
and
Brackets
Section C***



VERSABAR CORPORATION

SECTION "C" INTRODUCTION

Flat Fittings	C-4
Right Angle Fittings	C-6
Angular Fittings	C-9
"Z" Fittings	C-11
Wing Fittings	C-12
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"U" Fittings	C-16
Post Bases	C-18
Special Application Fittings	C-20
Trolley Fittings	C-21
Conveyor Fittings	C-22
VCX Brackets	C-23
Channel Brackets	C-24
Heavy Duty Shelf Brackets	C-26
Sheet Metal Shelf Brackets	C-28
Cable Reel Supports	C-30



Material:

Fittings are manufactured from Hot Rolled Pickled and Oiled steel plate, strip, or coil, unless otherwise shown. Steel shall be in accordance with ASTM #'s: A575, A576, A635 or A36. Fitting steel shall also meet the physical requirements of ASTM A570 GR 33. Many fittings shown in this section and throughout the catalog can be produced from alternative stock such as stainless types 304 / 316, and Aluminum.

Finishes:

Standard finish is Electro-Galvanized conforming to ASTM B633 Type III SC1. We also offer unfinished, painted, and Hot Dipped Galvanized finishes on special order.

Dimensions:

All imperial dimensions provided are in inches. Metric dimensions are also included in parenthesis. Unless noted, metric dimensions are in millimeters.

Assembly:

Except where noted, fittings are designed with 9/16" diameter round holes, and accept 1/2" diameter threaded fasteners. Fittings which are 1/4" (6.35) thick can be attached to all 1-5/8" (41.3) wide channels with a 15/16" length hex head cap screw. Other diameter fasteners can be used, however, load bearing data is based upon using 1/2" diameter hardware except as noted. Nuts and bolts are to be ordered separately. It is important to choose a channel nut with the proper blank thickness and or spring length. Section "B" of the catalog will illustrate the method for proper nut selection.

Examples:

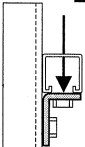
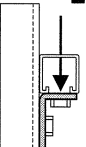
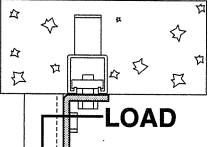
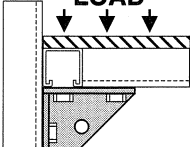
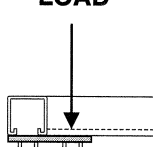
Section "C" shows one proper installation example for each fitting. Examples shown are safe and recommended. Other uses may acceptable, as long as the basic rules for channel construction shown in the front of the catalog are employed. Uses beyond what is depicted in the section are at the discretion of the user. Versabar recommends following the installation diagrams provided for the specific fitting.



Design Loading - For Right Angle Fittings in orientation shown

NOTE: Fittings must be used in pairs. Uniform Design Loading figures provided on this page require VN-1050, VSN-1050 or VSN-3050 channel nuts. Refer to section "A" to determine which channel will meet your beam and / or column loading requirements.						
	Channel Gauge					
	12 (2.6)	1500 lb. (6.68 kN)	2000 lb. (8.9 kN)	1000 lb. (4.45 kN)	1500 lb. (6.68 kN)	2000 lb. (8.9 kN)
	14 (1.9)	1000 lb. (4.45 kN)	1500 lb. (6.68 kN)	650 lb. (2.89 kN)	1000 lb. (4.45 kN)	1900 lb. (8.46 kN)
	16 (1.5)	750 lb. (3.34 kN)	900 lb. (4.01 kN)	500 lb. (2.23 kN)	750 lb. (3.34 kN)	1450 lb. (6.45 kN)

Design Loading - For Right Angle and Flat Fittings in orientation shown

NOTE: Fittings must be used in pairs. Uniform Design Loading figures provided on this page require VN-1050, VSN-1050 or VSN-3050 channel nuts. Refer to section "A" to determine which channel will meet your beam and / or column loading requirements.	LOAD  <i>Ex: VF-2202</i>	LOAD  <i>Ex: VF-2304</i>	LOAD  <i>Ex: VF-2305</i>	LOAD  <i>Ex: VF-2708-W</i>	LOAD  <i>Ex: VF-1201</i>	
	Channel Gauge					
	12 (2.6)	500 lb. (2.23 kN)	500 lb. (2.23 kN)	1200 lb. (5.34 kN)	3000 lb. (13.35 kN)	1000 lb. (4.45 kN)
	14 (1.9)	475 lb. (2.11 kN)	475 lb. (2.11 kN)	1175 lb. (5.23 kN)	2000 lb. (8.9 kN)	800 lb. (3.56 kN)
	16 (1.5)	475 lb. (2.11 kN)	475 lb. (2.11 kN)	975 lb. (4.34 kN)	1450 lb. (6.45 kN)	575 lb. (2.56 kN)

Note:

- 1.) Illustrations show only one side of connection, mirror connection at opposite end of beam required.
- 2.) Load data is based upon connections with VN- or VSN-1050 Nuts & 1/2" Dia. Hex Head Cap Screw.
- 3.) 1/2" Dia. Hex Head Cap Screws should be torqued to 50 ft./lbs.
- 4.) Safety factor is based on 2-1/2 times the ultimate connection strength.

Recommended Bolt Torque:

1/4"-20	6 ft/lbs.
5/16"-18	11 ft/lbs.
3/8"-16	19 ft/lbs.
1/2"-13	50 ft/lbs.
5/8"-11	100 ft/lbs.
3/4"-10	125 ft/lbs.



VERSABAR CORPORATION

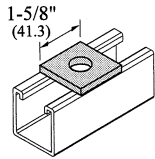
FLAT FITTINGS

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VF-1101

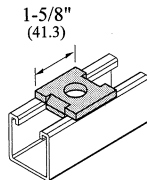
Wt/ea .19 Lbs.
(.086 kg.)



Part Number	Hole Size	Bolt Size
VF-1101-1/4	11/32 (8.7)	1/4 or 5/16
VF-1101-3/8	13/32 (10.3)	3/8
VF-1101-1/2	9/16 (14.3)	1/2
VF-1101-5/8	21/32 (16.7)	5/8
VF-1101-3/4	13/16 (20.6)	3/4
VF-1101-7/8	15/16 (23.8)	7/8

VF-1101-N

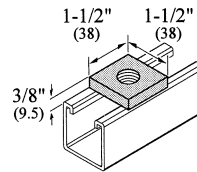
Wt/ea .19 Lbs.
(.086 kg.)



Part Number	Hole Size	Bolt Size
VF-1101-N-1/4	11/32 (8.7)	1/4 or 5/16
VF-1101-N-3/8	13/32 (10.3)	3/8
VF-1101-N-1/2	9/16 (14.3)	1/2
VF-1101-N-5/8	21/32 (16.7)	5/8
VF-1101-N-3/4	13/16 (20.6)	3/4

VF-1107

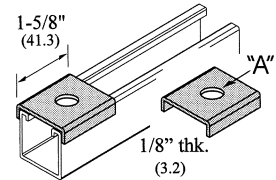
Wt/ea .22 Lbs.
(.10 kg.)



Part Number	U.S. Standard Thread
VF-1107-A	3/8"-16 (9.52)
VF-1107-B	1/2"-13 (12.7)
VF-1107-C	5/8"-11 (15.8)

VF-1102

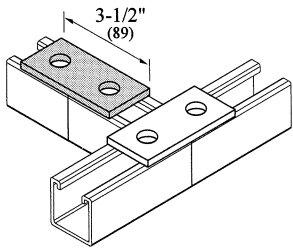
Wt/ea .16 Lbs.
(.072 kg.)



Part Number	Thread Clearance For Bolt Size "A"
VF-1102-3/8	3/8"-16 (9.52)
VF-1102-1/2	1/2"-13 (12.7)
VF-1102-5/8	5/8"-11 (15.8)

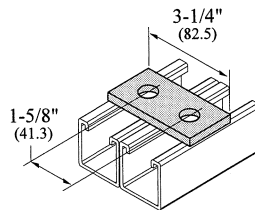
VF-1201

Wt/ea .4 Lbs.
(.182 kg.)



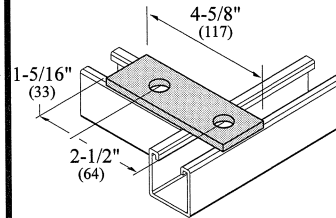
VF-1204

Wt/ea .35 Lbs.
(.158 kg.)



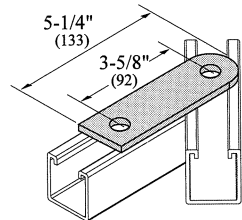
VF-1211

Wt/ea .5 Lbs.
(.227 kg.)



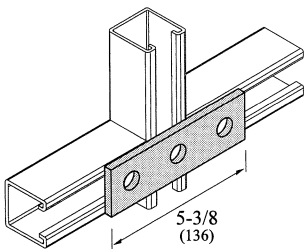
VF-1203

Wt/ea .5 Lbs.
(.227 kg.)



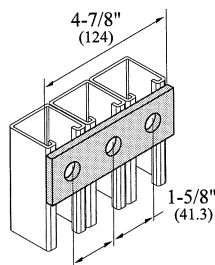
VF-1302

Wt/ea .56 Lbs.
(.250 kg.)



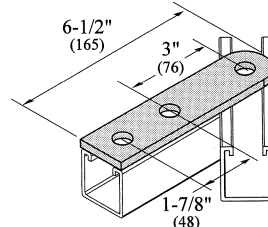
VF-1306

Wt/ea .5 Lbs.
(.230 kg.)



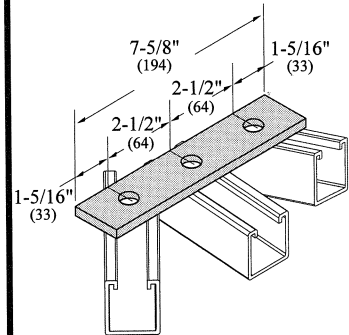
VF-1310

Wt/ea .73 Lbs.
(.330 kg.)



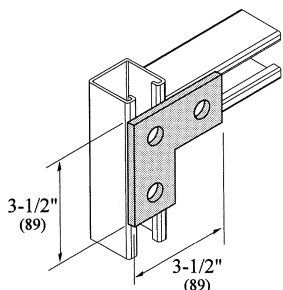
VF-1316

Wt/ea .8 Lbs.
(.363 kg.)



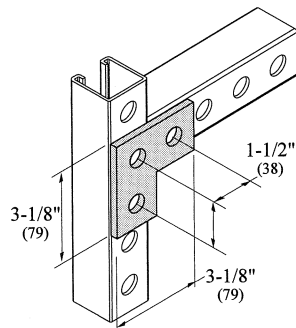
VF-1301

Wt/ea .58 Lbs.
(.263 kg.)



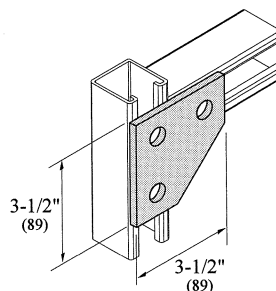
VF-1301-B

Wt/ea .4 Lbs.
(.180 kg.)



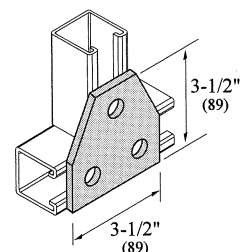
VF-1304

Wt/ea .7 Lbs.
(.318 kg.)



VF-1305

Wt/ea .7 Lbs.
(.318 kg.)



Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VERSABAR CORPORATION

FLAT FITTINGS



VF-1409 Wt/ea .93 Lbs. (.420 kg.) 	VF-1412 Wt/ea .8 Lbs. (.360 kg.) 	VF-1402 Wt/ea .77 Lbs. (.348 kg.) 	VF-1406-A Wt/ea .8 Lbs. (.360 kg.)
VF-1406 Wt/ea 1.07 Lbs. (.490 kg.) 	VF-1406-B Wt/ea .64 Lbs. (.291 kg.) May be produced from 3/16" (4.8 mm) thick bar, check with factory.	VF-1401 Wt/ea .83 Lbs. (.375 kg.) 	VF-1401-B Wt/ea .61 Lbs. (.278 kg.)
VF-1411 Wt/ea 1.1 Lbs. (.5 kg.) 	VF-1404 Wt/ea 1.0 Lbs. (.454 kg.) 	VF-1403 Wt/ea 1.0 Lbs. (.454 kg.) 	VF-1419 Wt/ea 2.68 Lbs. (1.22 kg.)
VF-1501 Wt/ea 1.05 Lbs. (.474 kg.) 	VF-1501-B Wt/ea 1.05 Lbs. (.474 kg.) * Outside holes 1-3/16" (30) center to end	VF-1505 Wt/ea 1.5 Lbs. (.678 kg.) 	VF-1504 Wt/ea 1.5 Lbs. (.678 kg.)



VERSABAR CORPORATION

FLAT and RIGHT ANGLE FITTINGS

Standard Fitting Dimensions

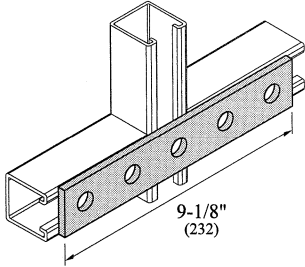
Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)

Metrics in Parenthesis

•Unless Otherwise Specified•

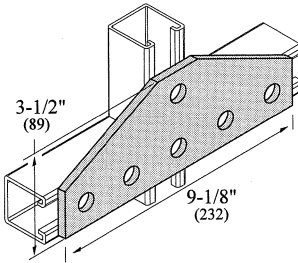
VF-1506

Wt/ea .94 Lbs.
(.424 kg.)



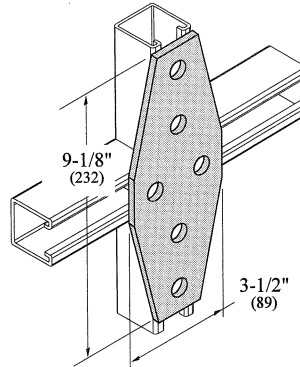
VF-1602

Wt/ea 1.75 Lbs.
(.791 kg.)



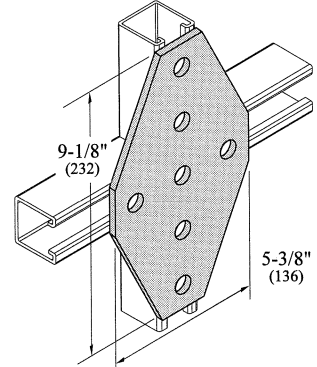
VF-1603

Wt/ea 1.66 Lbs.
(.750 kg.)



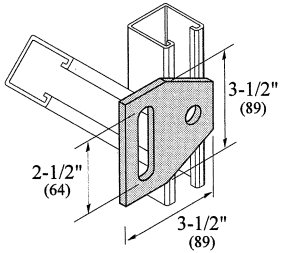
VF-1704

Wt/ea 2.4 Lbs.
(1.08 kg.)

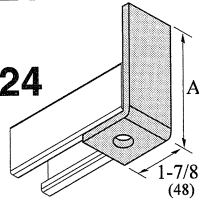


VF-1205

Wt/ea .66 Lbs.
(.30 kg.)



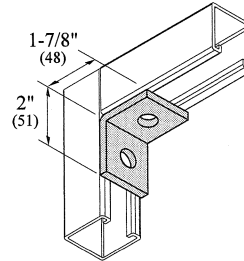
VF-2121 to VF-2124



Part Number	Dim "A" In.	mm	Wt. Each
VF-2121	3-7/8"	(98)	0.61 (.275) kg
VF-2122	5-7/8"	(149)	0.86 (.388) kg
VF-2123	7-7/8"	(200)	1.07 (.483) kg
VF-2124	9-7/8"	(250)	1.34 (.605) kg

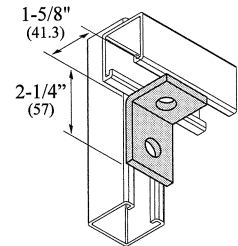
VF-2201

Wt/ea .4 Lbs.
(.180 kg.)



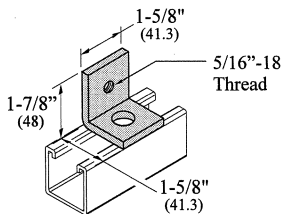
VF-2202

Wt/ea .4 Lbs.
(.180 kg.)



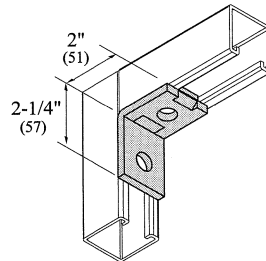
VF-2202-T

Wt/ea .4 Lbs.
(.18 kg.)



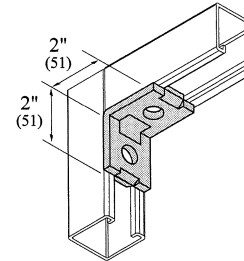
VF-2209-N

Wt/ea .37 Lbs.
(.17 kg.)

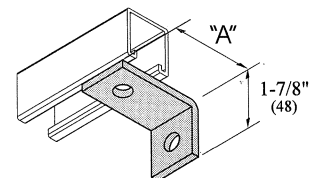


VF-2204-N

Wt/ea .34 Lbs.
(.15 kg.)



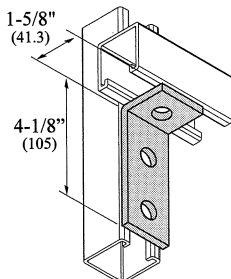
VF-2205-A to -C



Part Number	Dim "A"	Wt. Ea.
VF-2205-A	3" (76.2)	.50 # (.226) kg
VF-2205-B	3-1/2" (88.9)	.56 # (.253) kg
VF-2205-C	4" (102)	.63 # (.285) kg

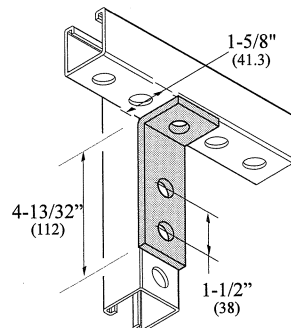
VF-2304

Wt/ea .62 Lbs.
(.280 kg.)



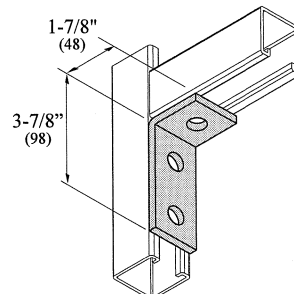
VF-2304-B

Wt/ea .59 Lbs.
(.266 kg.)



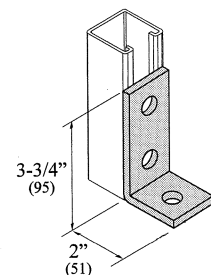
VF-2305

Wt/ea .62 Lbs.
(.280 kg.)



VF-2307

Wt/ea .62 Lbs.
(.280 kg.)



Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VERSABAR CORPORATION

RIGHT ANGLE FITTINGS



VF-2308 Wt/ea .62 Lbs. (.280 kg.) 	VF-2213 Wt/ea .85 Lbs. (.384 kg.) 	VF-2322 Wt/ea .81 Lbs. (.366 kg.) 	VF-2313 Wt/ea 1 Lb. (.452 kg.)
VF-2315-R* Wt/ea .58 Lbs. (.262 kg.) VF-2315-L 	VF-2301-R* Wt/ea .62 Lbs. (.280 kg.) VF-2301-L 	VF-2310 Wt/ea .75 Lbs. (.339 kg.) 	VF-2407 Wt/ea .84 Lbs. (.379 kg.)
VF-2407-B Wt/ea .74 Lbs. (.334 kg.) 	VF-2403 Wt/ea .84 Lbs. (.379 kg.) 	VF-2426-R* Wt/ea 1.2 Lbs. (.542 kg.) VF-2426-L 	VF-2417 Wt/ea .75 Lbs. (.339 kg.)
VF-2411-R* Wt/ea 1.06 Lbs. (.479 kg.) VF-2411-L 	VF-2421-R* Wt/ea 1 Lb. (.453 kg.) VF-2421-L 	VF-2410 Wt/ea 1.08 Lbs. (.488 kg.) 	VF-2402-R Wt/ea .83 Lbs. (.375 kg.) VF-2402-L*
* Right Hand Version Illustrated, Left Opp.			
* Left Hand Version Illustrated, Right Opp.			

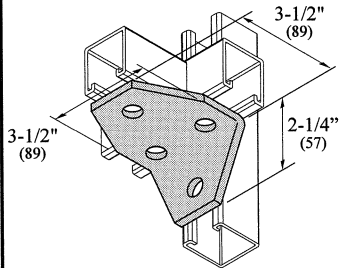
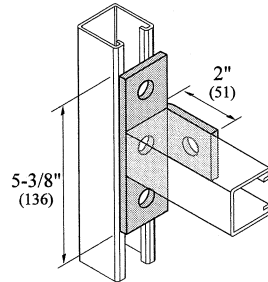
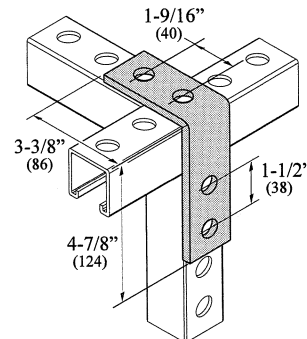
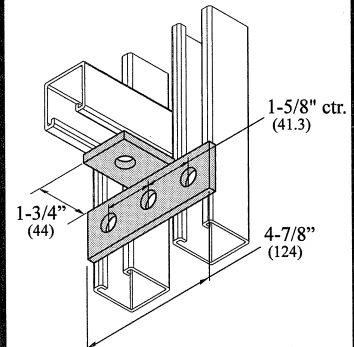
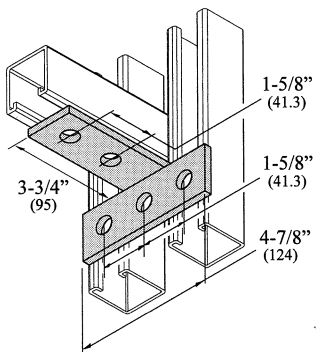
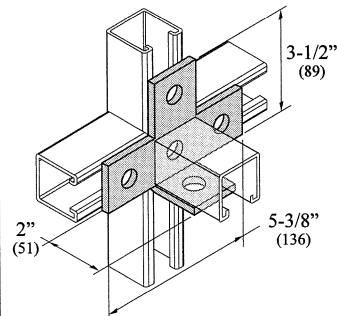
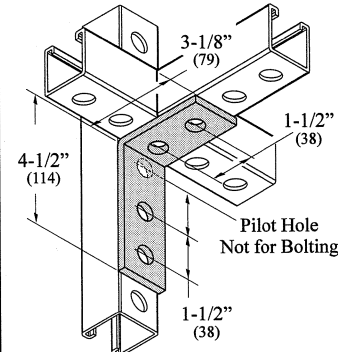
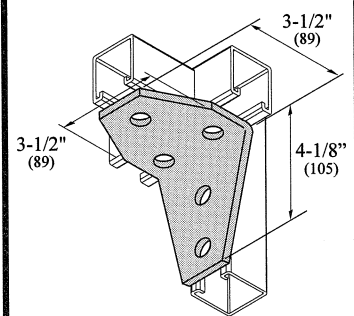
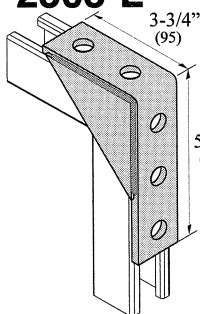


VERSABAR CORPORATION

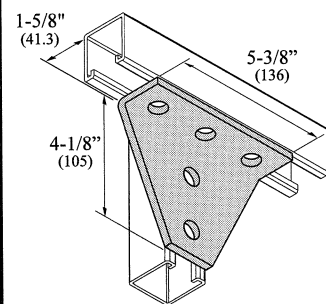
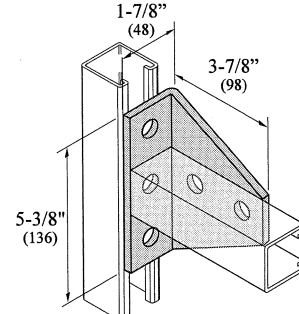
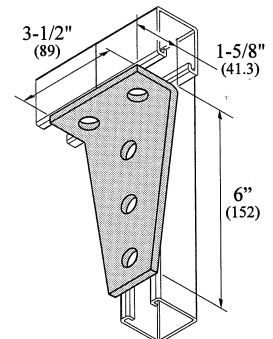
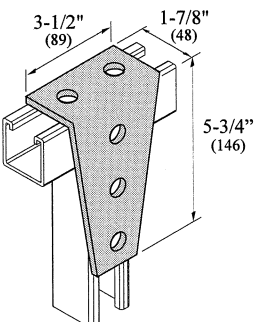
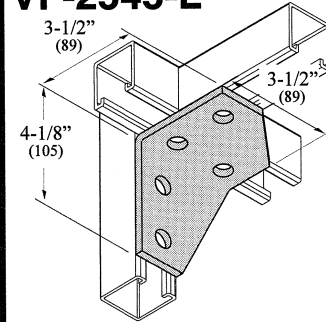
RIGHT ANGLE FITTINGS

Standard Fitting Dimensions

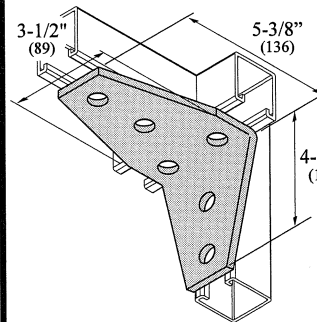
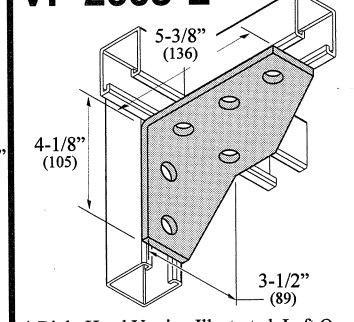
Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VF-2413Wt/ea 1.08 Lbs.
(.488 kg.)**VF-2401**Wt/ea .83 Lbs.
(.375 kg.)**VF-2412**Wt/ea .85 Lbs.
(.384 kg.)**VF-2401-B**Wt/ea .75 Lbs.
(.339 kg.)**VF-2501**Wt/ea .94 Lbs.
(.424 kg.)**VF-2506**Wt/ea 1.05 Lbs.
(.476 kg.)**VF-2502-B**Wt/ea .75 Lbs.
(.339 kg.)**VF-2510**Wt/ea 1.42 Lbs.
(.641 kg.)**VF-2503-R***
VF-2503-LWt/ea 1.4 Lbs.
(.632 kg.)

* Right Hand Version Illustrated, Left Opp.

VF-2512Wt/ea 1.54 Lbs.
(.696 kg.)**VF-2505**Wt/ea 1.56 Lbs.
(.705 kg.)**VF-2508**Wt/ea 1.36 Lbs.
(.614 kg.)**VF-2509**Wt/ea 1.36 Lbs.
(.614 kg.)**VF-2545-R**
VF-2545-L*Wt/ea 1.25 Lbs.
(.565 kg.)

* Left Hand Version Illustrated, Right Opp.

VF-2604Wt/ea 1.75 Lbs.
(.792 kg.)**VF-2603-R***
VF-2603-LWt/ea 1.76 Lbs.
(.795 kg.)

* Right Hand Version Illustrated, Left Opp.

Standard Fitting Dimensions

Width: 1-5/8" (41.3 mm)
 Thickness: 1/4" (6.3 mm)
 Hole Diameter: 9/16" (14.3 mm)
 Hole Spacing On Center: 1-7/8" (47.6 mm)
 Hole Spacing From Ends: 13/16" (20.6 mm)
 Metrics in Parenthesis
 •Unless Otherwise Specified•

VERSABAR CORPORATION RIGHT ANGLE & ANGULAR FITTINGS



VF-2703-R* VF-2703-L * Right Hand Version Illustrated, Left Opp.	VF-2708 VF-2708-W* * VF-2708-W Has A Welded Corner Joint	VF-2702 	VF-3702 																		
VF-2223 Note Side View - Not A Full Collar	VF-2320 Note Side View - Not A Full Collar	VF-2418 Note Side View - Not A Full Collar	VF-2215 																		
VF-2208 VF-2208-A Beam clamp VX-7101-S not included <table><thead><tr><th>Part Number</th><th>Dim "A"</th><th>Dim "B"</th></tr></thead><tbody><tr><td>VF-2208</td><td>2-1/2" (64)</td><td>4-7/8" (124)</td></tr><tr><td>VF-2208-A</td><td>4-1/2" (114)</td><td>6-7/8" (175)</td></tr></tbody></table>	Part Number	Dim "A"	Dim "B"	VF-2208	2-1/2" (64)	4-7/8" (124)	VF-2208-A	4-1/2" (114)	6-7/8" (175)	VF-2511 	VF-2409 9/16" x 1-1/2" Slots (14) (38)	VF-2404 VF-2404-A 9/16" x 1-1/2" Slots (14) (38) <table><thead><tr><th>Part Number</th><th>Dim A</th><th>Dim B</th></tr></thead><tbody><tr><td>VF-2404</td><td>6-5/8" (168)</td><td>4" (102)</td></tr><tr><td>VF-2404-A</td><td>8-5/8" (219)</td><td>6" (152)</td></tr></tbody></table>	Part Number	Dim A	Dim B	VF-2404	6-5/8" (168)	4" (102)	VF-2404-A	8-5/8" (219)	6" (152)
Part Number	Dim "A"	Dim "B"																			
VF-2208	2-1/2" (64)	4-7/8" (124)																			
VF-2208-A	4-1/2" (114)	6-7/8" (175)																			
Part Number	Dim A	Dim B																			
VF-2404	6-5/8" (168)	4" (102)																			
VF-2404-A	8-5/8" (219)	6" (152)																			
VF-2228-A 	VF-2217 	VF-2507 	VF-3301-45° 																		



VERSABAR CORPORATION

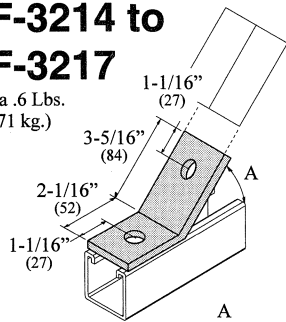
ANGULAR FITTINGS

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VF-3214 to VF-3217

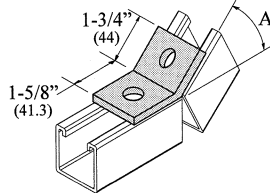
Wt/ea .6 Lbs.
(.271 kg.)



Part Number And Angle of A	Part Number	Deg.
VF-3214-30	VF-3214-30	Deg.
VF-3215-22-1/2	VF-3215-22-1/2	Deg.
VF-3216-15	VF-3216-15	Deg.
VF-3217-7-1/2	VF-3217-7-1/2	Deg.

VF-3248

Wt/ea .37 Lbs.
(.167 kg.)

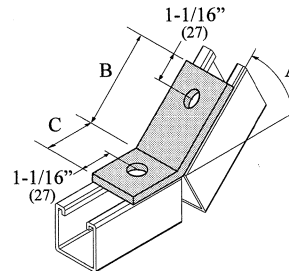


Part Number And Angle A

VF-3248-7-1/2	VF-3248-45
VF-3248-15	VF-3248-52-1/2
VF-3248-22-1/2	VF-3248-60
VF-3248-30	VF-3248-67-1/2
VF-3248-37-1/2	VF-3248-75
	VF-3248-82-1/2

VF-3206 to VF-3213 and VF-2303-45

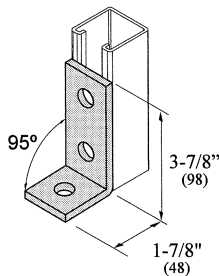
Wt/ea .60 Lbs.
(.271 kg.)



Part Number And Angle A	Dim. B	Dim. C
VF-3207-82-1/2	3-1/2 (89)	1-3/4 (44)
VF-3208-75	3-1/2 (89)	1-3/4 (44)
VF-3210-67-1/2	3-1/2 (89)	1-3/4 (44)
VF-3206-60	3-3/8 (86)	1-7/8 (48)
VF-3211-52-1/2	3-1/4 (83)	2-1/16 (52)
VF-2303-45	3 (76)	2-5/16 (59)
VF-3212-37-1/2	3-1/2 (89)	1-3/4 (44)
VF-3213-37-1/2	2-3/4 (70)	2-5/8 (67)

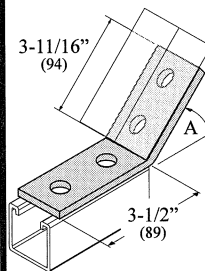
VF-3306

Wt/ea .6 Lbs.
(.271 kg.)



VF-3402

Wt/ea .77 Lbs.
(.348 kg.)

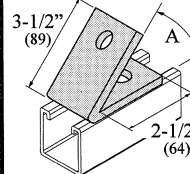


Part Number And Angle A

VF-3402-7-1/2	VF-3402-15
VF-3402-22-1/2	VF-3402-30
VF-3402-37-1/2	VF-3402-45
VF-3402-52-1/2	VF-3402-60
VF-3402-67-1/2	VF-3402-75
VF-3402-82-1/2	

VF-3218 to VF-3222

Wt/ea .6 Lbs.
(.271 kg.)

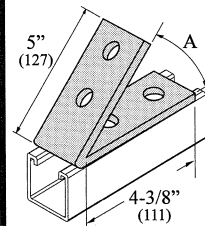


Part Number And Angle A

VF-3218-82-1/2	VF-3219-75
VF-3220-67-1/2	VF-3205-60
VF-3221-52-1/2	VF-3202-45
VF-3222-37-1/2	

VF-3424 to VF-3430

Wt/ea 1.05 Lbs.
(.474 kg.)

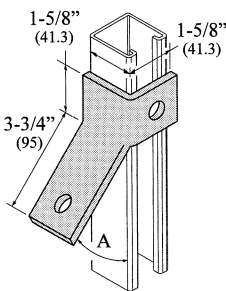


Part Number And Angle A

VF-3424-82-1/2	VF-3425-75
VF-3426-67-1/2	VF-3427-60
VF-3428-52-1/2	VF-3429-45
VF-3430-37-1/2	

VF-6201* to VF-6206*

Wt/ea .87 Lbs.
(.393 kg.)



Part Number And Angle A

VF-6201-R-22-1/2	VF-6202-R-30
VF-6203-R-37-1/2	VF-6204-R-45
VF-6205-R-52-1/2	VF-6206-R-60

For Left Hand Fitting order as (-L)

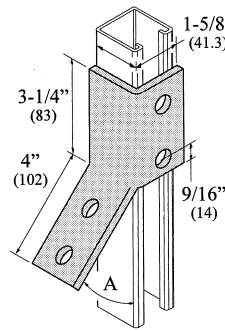
Collar fits:

VA-1 or VA-2 Channel

* Right Hand Version Illustrated, Left Opp.

VF-6406* to VF-6411*

Wt/ea 1.18 Lbs.
(.533 kg.)



Part Number And Angle A

VF-6406-R-22-1/2	VF-6407-R-30
VF-6408-R-37-1/2	VF-6409-R-45
VF-6410-R-52-1/2	VF-6411-R-60

For Left Hand Fitting order as (-L)

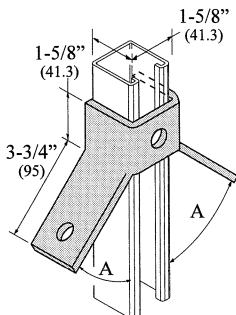
Collar fits:

VA-1 or VA-2 Channel

* Right Hand Version Illustrated, Left Opp.

VF-6310 to VF-6315

Wt/ea 1.5 Lbs.
(.678 kg.)



Part Number And Angle A

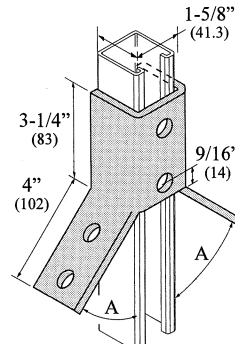
VF-6310-22-1/2	VF-6311-30
VF-6312-37-1/2	VF-6313-45
VF-6314-52-1/2	VF-6315-60

Collar fits:

VA-1 or VA-2 Channel

VF-6612 to VF-6617

Wt/ea 2.19 Lbs.
(.989 kg.)



Part Number And Angle A

VF-6612-22-1/2	VF-6613-30
VF-6614-37-1/2	VF-6615-45
VF-6616-52-1/2	VF-6617-60

Collar fits:

VA-1 or VA-2 Channel

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)

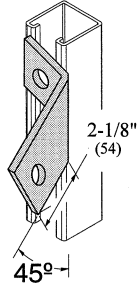
Metrics in Parenthesis
 •Unless Otherwise Specified•

VERSABAR CORPORATION

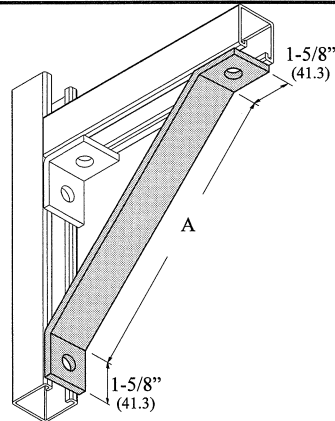
BRACES and "Z" FITTINGS



VF-2203-L* Wt/ea .55 Lbs. (.248 kg.) VF-2203-R



* Left Hand Version Illustrated, Right Opp.



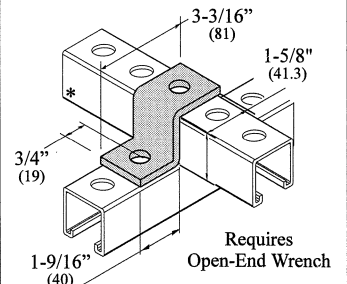
VF-3250 Series

Knee Braces

Part Number	Dim A	Wgt. Ea.
VF-3250-12	12" (304)	1.81 (.818)
VF-3250-18	18" (457)	2.15 (.971)
VF-3250-24	24" (609)	3.15 (1.42)

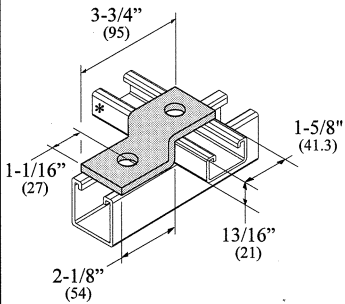
VF-4301-B Wt/ea .59 Lbs. (.266 kg.)

Now Also Available For: VA-4 & VA-5
 Part # **VF-4301-4B**



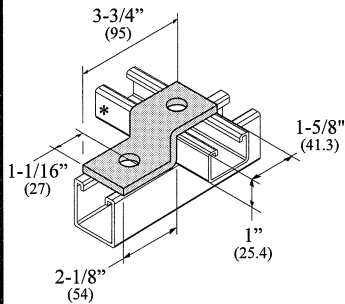
* FITS: 1-5/8 x 1-5/8 P1.5 Channel

VF-4301-4 Wt/ea .48 Lbs. (.216 kg.)



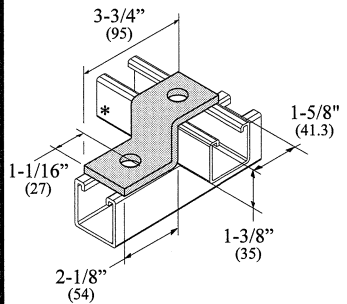
* FITS: VA-4, VA-5 or VA-13

VF-4301-10 Wt/ea .52 Lbs. (.235 kg.)



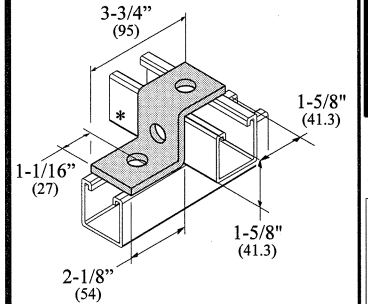
* FITS: VA-8 or VA-10

VF-4301-6 Wt/ea .54 Lbs. (.244 kg.)



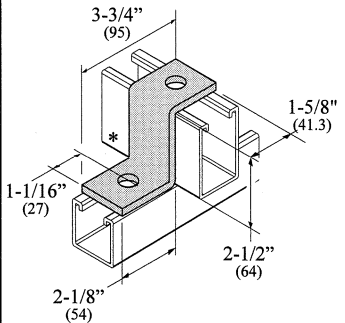
* FITS: VA-6 or VA-7

VF-4301 Wt/ea .6 Lbs. (.271 kg.)



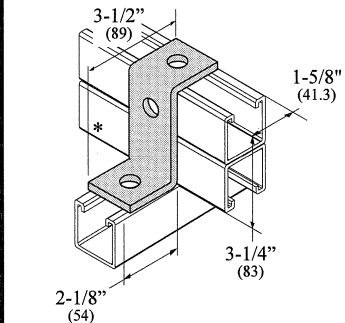
* FITS: VA-1, VA-2 or VA-12

VF-4301-3 Wt/ea .69 Lbs. (.311 kg.)



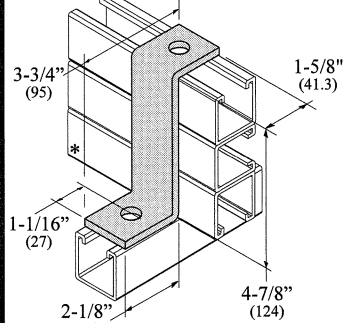
* FITS: VA-3

VF-4302 Wt/ea .75 Lbs. (.339 kg.)



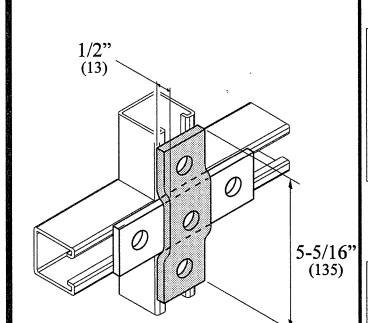
* FITS: VA-1201, VA-2201 or VA-11

VF-4205 Wt/ea .93 Lbs. (.420 kg.)

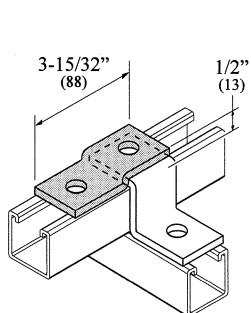


* FITS: Triple Welded VA-1, VA-2, or VA-12

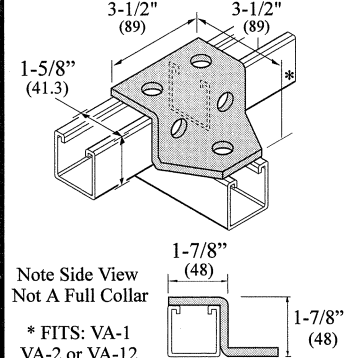
VF-6308 Wt/ea .58 Lbs. (.262 kg.)



VF-4202 Wt/ea .38 Lbs. (.171 kg.)



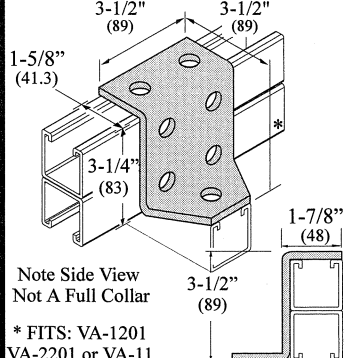
VF-4501 Wt/ea 1 Lb. (.453 kg.)



Note Side View
 Not A Full Collar

* FITS: VA-1
 VA-2 or VA-12

VF-4701 Wt/ea 1.5 Lbs. (.678 kg.)



Note Side View
 Not A Full Collar

* FITS: VA-1201
 VA-2201 or VA-11

VF-4204 Series

Part Number	Dim A	Wt. Ea.
VF-4204-A	4"	.82 # (.37) kg
VF-4204-B	5"	.93 # (.42) kg
VF-4204-C	6"	1.1 # (.48) kg
VF-4204-D	7"	1.2 # (.53) kg
VF-4204-E	8"	1.3 # (.58) kg



VERSABAR CORPORATION

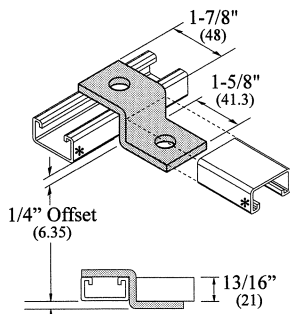
"Z" and WING FITTINGS

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VF-4201-4

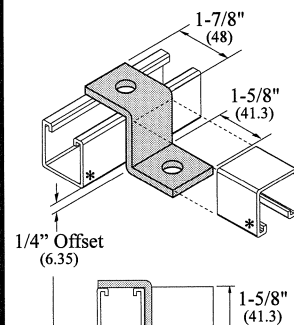
Wt/ea .5 Lbs.
(.226 kg.)



* FITS: VA-4, VA-5 or VA-13

VF-4201

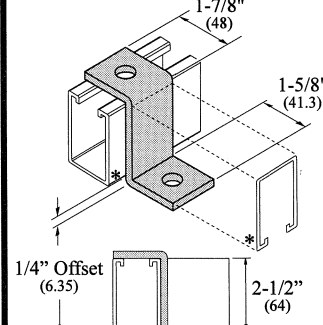
Wt/ea .59 Lbs.
(.266 kg.)



* FITS: VA-1, VA-2 or VA-12

VF-4201-3

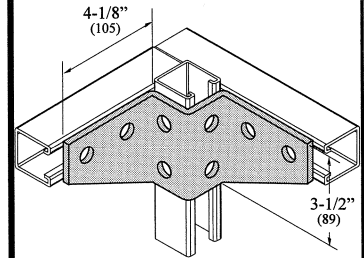
Wt/ea .72 Lbs.
(.325 kg.)



* FITS: VA-3

VF-3801

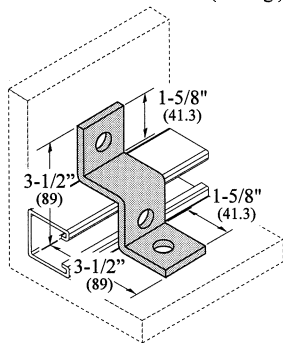
Wt/ea 2.18 Lbs.
(.985 kg.)



* FITS: VA-1, VA-2 or VA-12

VF-3303

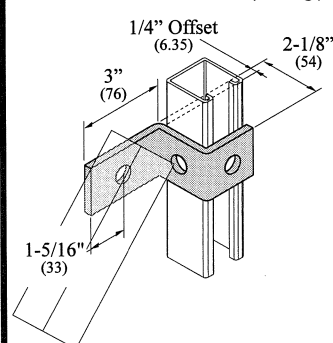
Wt/ea .69 Lbs.
(.311 kg.)



* FITS: VA-1, VA-2 or VA-12

VF-4203

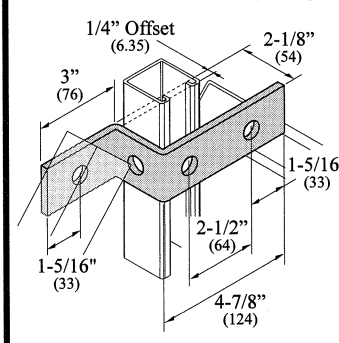
Wt/ea .7 Lbs.
(.316 kg.)



* FITS: VA-1, VA-2 or VA-12

VF-4401

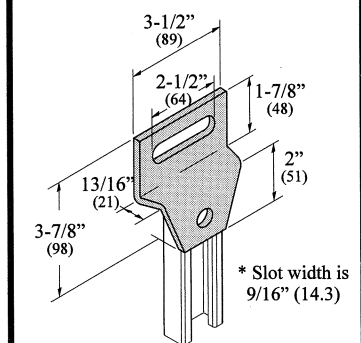
Wt/ea 1.06 Lbs.
(.479 kg.)



* FITS: VA-1, VA-2 or VA-12

VF-4303-4

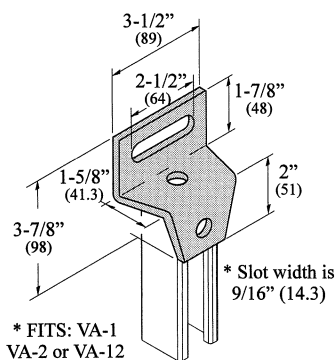
Wt/ea .84 Lbs.
(.379 kg.)



* FITS: VA-4, VA-5 or VA-13

VF-4303

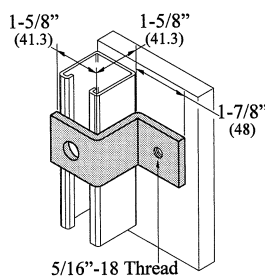
Wt/ea .92 Lbs.
(.415 kg.)



* FITS: VA-1
VA-2 or VA-12

VF-4101

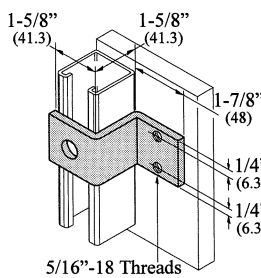
Wt/ea .56 Lbs.
(.253 kg.)



* FITS: VA-1, VA-2 or VA-12

VF-4102

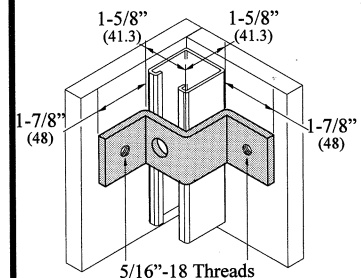
Wt/ea .56 Lbs.
(.253 kg.)



* FITS: VA-1, VA-2 or VA-12

VF-3101

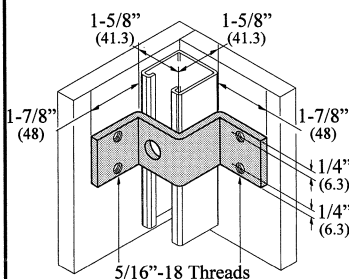
Wt/ea .75 Lbs.
(.339 kg.)



* FITS: VA-1, VA-2 or VA-12

VF-3103

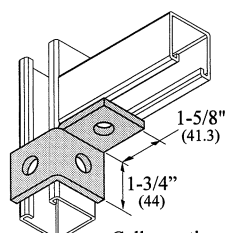
Wt/ea .75 Lbs.
(.339 kg.)



* FITS: VA-1, VA-2 or VA-12

VF-2216-R* VF-2216-L

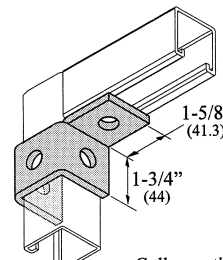
Wt/ea .61 Lbs.
(.275 kg.)



* Right Hand Version Illustrated, Left Opp.

VF-3431-R* VF-3431-L

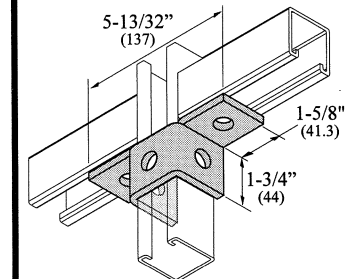
Wt/ea .74 Lbs.
(.334 kg.)



* Right Hand Version Illustrated, Left Opp.

VF-2504

Wt/ea 1.09 Lbs.
(.492 kg.)



Collar section fits:
VA-1, VA-2 & VA-12

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VERSABAR CORPORATION

WING FITTINGS



VF-3405 Wt/ea .81 Lbs. (.366 kg.) Collar section fits: VA-1, VA-2 & VA-12	VF-3602 Wt/ea 1.22 Lbs. (.551 kg.) Collar section fits: VA-1, VA-2 & VA-12	VF-2324-R* Wt/ea 1.15 Lbs. (.519 kg.) VF-2324-L Collar section fits: VA-1, VA-2 & VA-12 * Right Hand Version Illustrated, Left Opp.	VF-6801 Wt/ea 1.77 Lbs. (.80 kg.) Collar section fits: VA-1, VA-2 & VA-12
VF-6801-B Wt/ea 1.85 Lbs. (.84 kg.) Collar section fits: VA-1P1.5, VA-2P1.5 & VA-12P1.5	VF-3901 Wt/ea 1.9 Lbs. (.86 kg.) Collar section fits: VA-1, VA-2 & VA-12	VF-3901-B Wt/ea 2 Lbs. (.906 kg.) Collar section fits: VA-1P1.5, VA-2P1.5 & VA-12P1.5	VF-3601 Wt/ea 1.26 Lbs. (.570 kg.) Collar section fits: VA-1, VA-2 & VA-12
VF-2419-L* Wt/ea 1.18 Lbs. (.533 kg.) VF-2419-R Collar section fits: VA-1, VA-2 & VA-12 * Left Hand Version Illustrated, Right Opp.	VF-3802 Wt/ea 1.53 Lbs. (.692 kg.) Collar section fits: VA-1, VA-2 & VA-12	VF-3802-B Wt/ea 1.53 Lbs. (.693 kg.) Collar section fits: VA-1P1.5, VA-2P1.5 & VA-12P1.5	VF-61002 Wt/ea 2.19 Lbs. (.989 kg.) Collar section fits: VA-1, VA-2 & VA-12
VF-31201 Wt/ea 2.47 Lbs. (1.12 kg.) Collar section fits: VA-1, VA-2 & VA-12	VF-21001 Wt/ea 2.62 Lbs. (1.18 kg.) Collar section fits: VA-1, VA-2 & VA-12	VF-31202 Wt/ea 3.05 Lbs. (1.37 kg.) Collar section fits: VA-1, VA-2 & VA-12	VF-3803 Wt/ea 2.15 Lbs. (.971 kg.) Collar section fits: VA-1, VA-2 & VA-12



VERSABAR CORPORATION

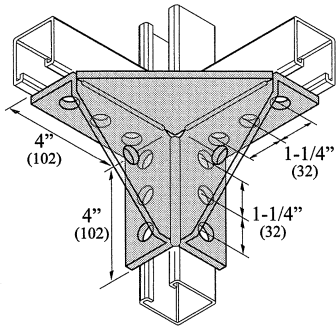
WING and SPLICE FITTINGS

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

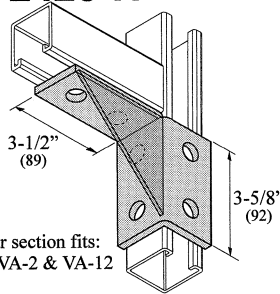
VF-3807

Wt/ea 2.26 Lbs.
(1.03 kg.)



VF-2420-L * VF-2420-R

Wt/ea 1.7 Lbs.
(.768 kg.)

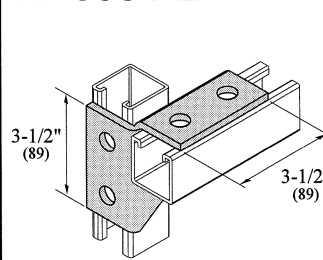


Collar section fits:
VA-1, VA-2 & VA-12

* Left Hand Version Illustrated, Right Opp.

VF-3304-R* VF-3304-L

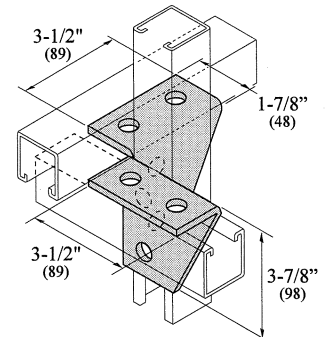
Wt/ea 1.7 Lbs.
(.768 kg.)



* Right Hand Version Illustrated, Left Opp.

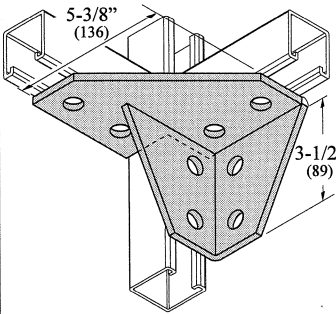
VF-7802

Wt/ea 2.2 Lbs.
(.996 kg.)



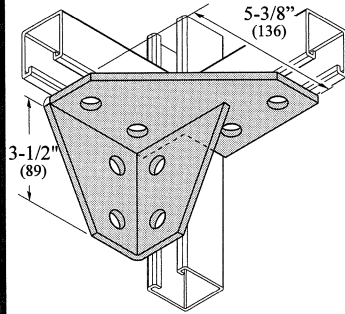
VF-3805-L

Wt/ea 2.42 Lbs.
(1.09 kg.)



VF-3805-R

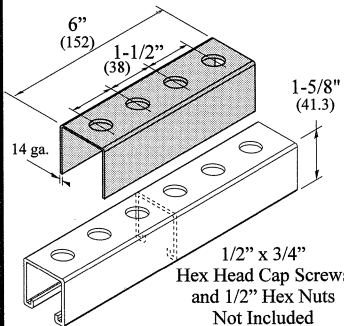
Wt/ea 2.42 Lbs.
(1.09 kg.)



VF-5409

Wt/ea .63 Lbs.
(.284 kg.)

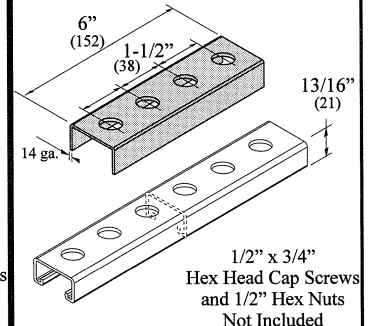
Allows splicing of channel
through P1.5 perforations



VF-5409-4

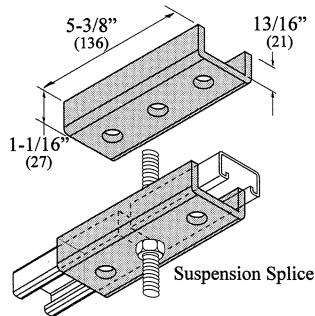
Wt/ea .41 Lbs.
(.185 kg.)

Allows splicing of channel
through P1.5 perforations



VF-5304-4

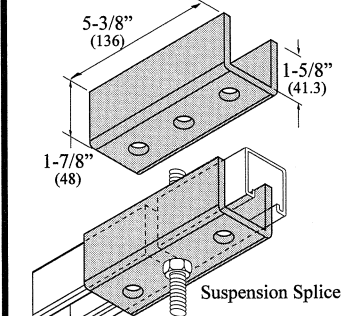
Wt/ea 1.3 Lbs.
(.587 kg.)



Fits VA-4, VA-5 & VA-13 channels

VF-5304

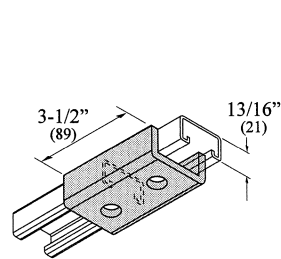
Wt/ea 1.95 Lbs.
(.881 kg.)



Fits VA-1 & VA-2 channels

VF-5204-4

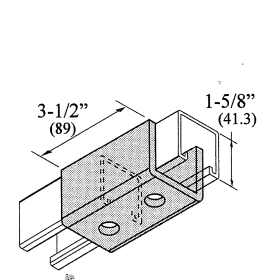
Wt/ea .85 Lbs.
(.384 kg.)



Fits VA-4, VA-5 & VA-13 channels

VF-5204

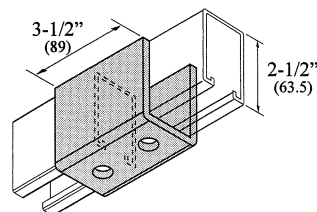
Wt/ea 1.29 Lbs.
(.583 kg.)



Fits VA-1 & VA-2 channels

VF-5204-3

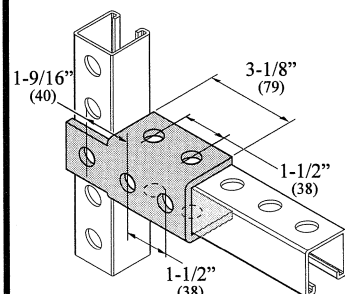
Wt/ea 1.72 Lbs.
(.777 kg.)



Fits VA-3 channel

VF-5704-B

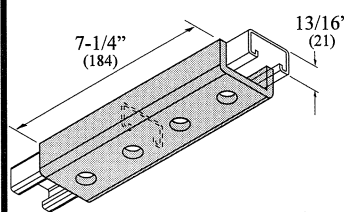
Wt/ea 1.11 Lbs.
(.502 kg.)



Fits VA-1P1.5 & VA-2P1.5 channels

VF-5402-4

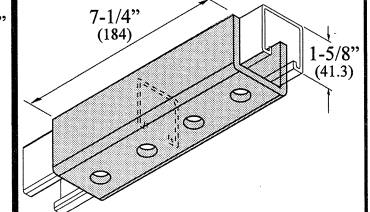
Wt/ea 1.75 Lbs.
(.791 kg.)



Fits VA-4, VA-5 & VA-13 channels

VF-5402

Wt/ea 2.65 Lbs.
(1.19 kg.)



Fits VA-1 & VA-2 channels

Standard Fitting Dimensions

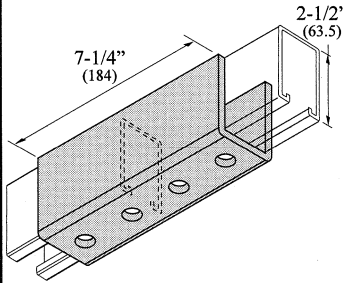
Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

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SPLICE FITTINGS

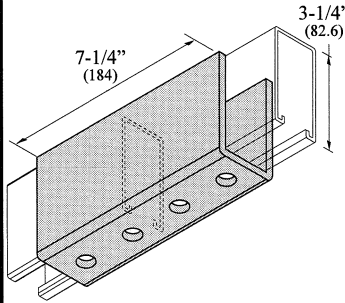


VF-5402-3 Wt/ea 3.26 Lbs.
(1.47 kg.)



Fits VA-3

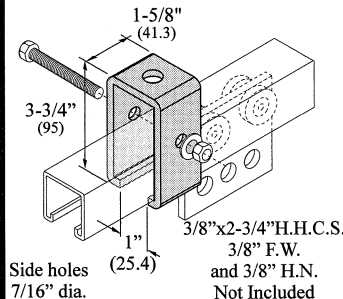
VF-5402-11 Wt/ea 4.06 Lbs.
(1.83 kg.)



Fits VA-11, VA-1201 or VA-2201

VF-7101 Wt/ea 1.10 Lbs.
(.497 kg.)

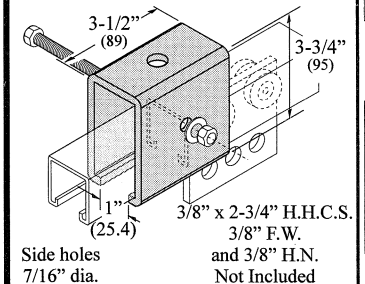
Permits suspension of 1-5/8" square channel and free passage of trolley unit.



Side holes 7/16" dia.

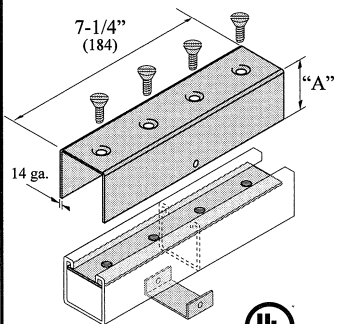
VF-7101-A Wt/ea 2.4 Lbs.
(1.08 kg.)

Permits suspension and splicing of 1-5/8" square channel and free passage of trolley unit.



Side holes 7/16" dia.

VF-5403-A series



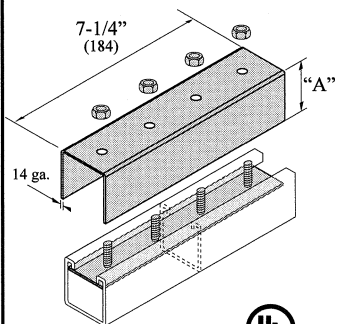
Flush Type Splice Assemblies

Part #	Splice For	Dimension A	Weight Ea.
VF-5403-A	VA-1, VA-2, VA-12	1-5/8" (41.3 mm)	1.06 # / (.479 kg.)
VF-5403-A-3	VA-3	2-1/2" (63.5 mm)	1.33 # / (.601 kg.)
VF-5403-A-4	VA-4, VA-5, VA-13	13/16" (20.6 mm)	0.81 # / (.366 kg.)
VF-5403-A-6	VA-6	1-3/8" (34.9 mm)	0.99 # / (.447 kg.)
VF-5403-A-8*	VA-8 & VA-10	1" (25.4 mm)	0.87 # / (.393 kg.)
VF-5403-A-11	VA-11	3-1/4" (82.6 mm)	1.56 # / (.705 kg.)

Supplied as a complete kit with: Collar, 4 Hole Tapped Plate, Screws & Clip

* Denotes special order

VF-5404-A series



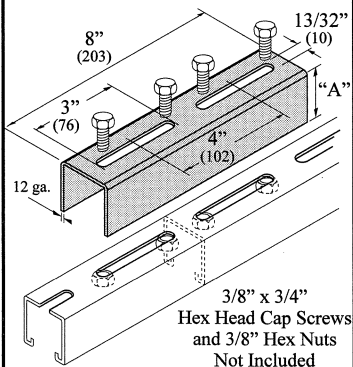
Stud Type Splice Assemblies

Part #	Splice For	Dimension A	Weight Ea.
VF-5404-A	VA-1, VA-2, VA-12	1-5/8" (41.3 mm)	1.05 # / (.474 kg.)
VF-5404-A-3*	VA-3	2-1/2" (63.5 mm)	1.32 # / (.596 kg.)
VF-5404-A-4	VA-4, VA-5, VA-13	13/16" (20.6 mm)	0.80 # / (.361 kg.)
VF-5404-A-6*	VA-6	1-3/8" (34.9 mm)	0.97 # / (.438 kg.)
VF-5404-A-8*	VA-8 & VA-10	1" (25.4 mm)	0.86 # / (.388 kg.)
VF-5404-A-11	VA-11	3-1/4" (82.6 mm)	1.54 # / (.696 kg.)

Supplied as a complete kit with: Collar, 4 Stud Plate & Hex Nuts

* Denotes special order

VF-5405-A series



"P3S" Style Splice Assemblies

Part #	Splice For	Dimension A	Weight Ea.
VF-5405-A	VA-1, VA-2, VA-12	1-5/8" (41.3 mm)	1.50 # / (.678 kg.)
VF-5405-A-3*	VA-3	2-1/2" (63.5 mm)	1.87 # / (.845 kg.)
VF-5405-A-4*	VA-4, VA-5, VA-13	13/16" (20.6 mm)	1.15 # / (.519 kg.)
VF-5405-A-6*	VA-6	1-3/8" (34.9 mm)	1.39 # / (.628 kg.)
VF-5405-A-8*	VA-8 & VA-10	1" (25.4 mm)	1.23 # / (.555 kg.)
VF-5405-A-11*	VA-11	3-1/4" (82.6 mm)	2.19 # / (.990 kg.)

Includes Collar only

* Denotes special order



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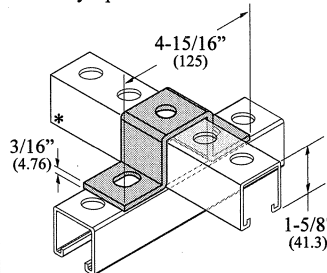
"U" FITTINGS

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VF-6402-B Wt/ea .86 Lbs. (.388 kg.)

Permits bolting through
P1.5 style perforations

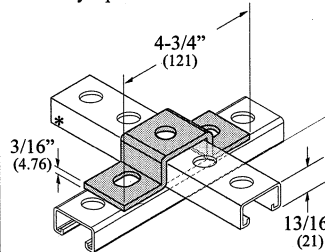


Requires Open-End Wrench

* FITS: 1-5/8 x 1-5/8 P1.5 Channel

VF-6402-4-B Wt/ea .43 Lbs. (.194 kg.)

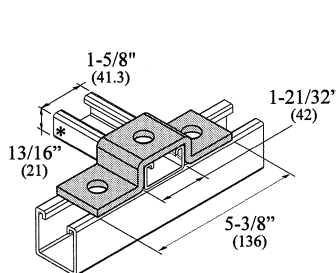
Permits bolting through
P1.5 style perforations



Requires Open-End Wrench

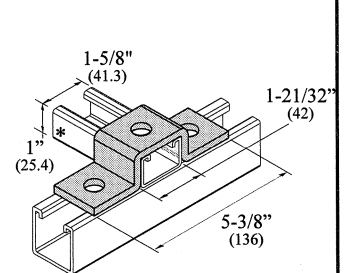
* FITS: VA-4, VA-5, VA-13, P1.5 Channel

VF-6402-4 Wt/ea .70 Lbs. (.316 kg.)



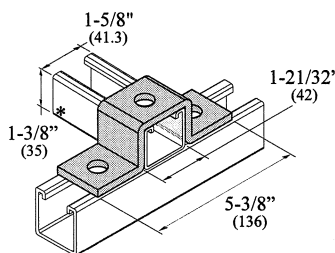
* FITS: VA-4, VA-5, & VA-13 Channel

VF-6402-10 Wt/ea .75 Lbs. (.340 kg.)



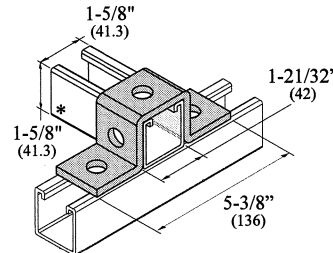
* FITS: VA-8 or VA-10 Channel

VF-6402-6 Wt/ea .84 Lbs. (.381 kg.)



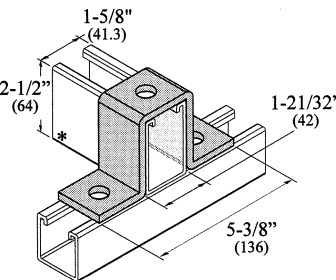
* FITS: VA-6 or VA-7

VF-6402 Wt/ea .86 Lbs. (.388 kg.)



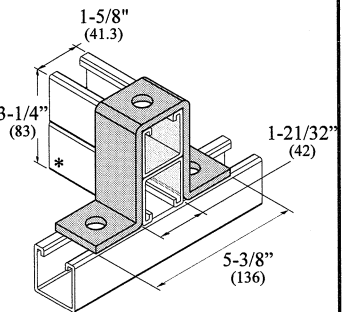
* FITS: 1-5/8 x 1-5/8 Channel

VF-6402-3 Wt/ea 1.1 Lbs. (.497 kg.)



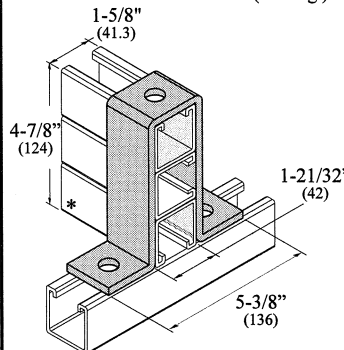
* FITS: VA-3

VF-6317 Wt/ea 1.3 Lbs. (.587 kg.)



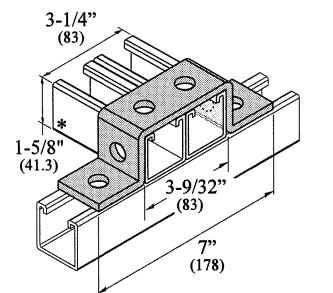
* FITS: VA-1201, VA-2201 & VA-11

VF-6319 Wt/ea 2.0 Lbs. (.904 kg.)



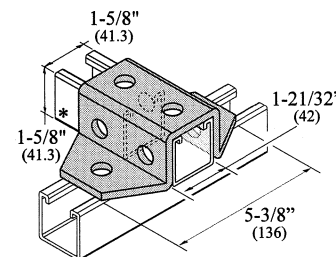
* FITS: Triple Welded 1-5/8" Sq. Channels

VF-6401 Wt/ea 1.1 Lbs. (.497 kg.)



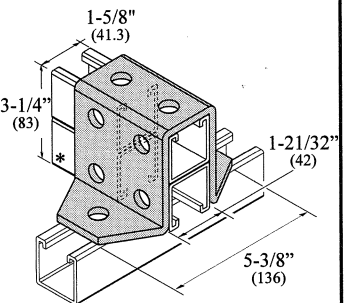
* FITS: Double Welded 1-5/8" Channel

VF-6618 Wt/ea 1.8 Lbs. (.813 kg.)



* FITS: 1-5/8 x 1-5/8 Channel

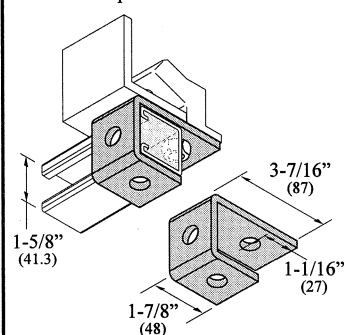
VF-6619 Wt/ea 2.62 Lbs. (1.18 kg.)



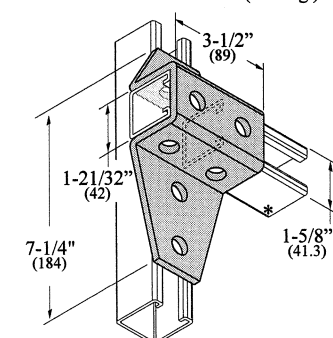
* FITS: VA-1201, VA-2201 & VA-11

VF-5302 Wt/ea .75 Lbs. (.339 kg.)

Beam clamp VX-7101-S not included

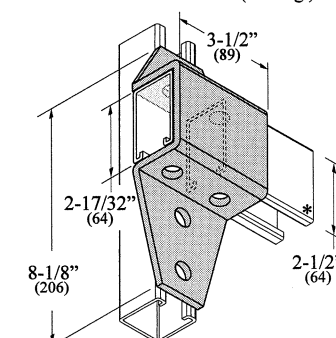


VF-6701 Wt/ea 2.0 Lbs. (.904 kg.)



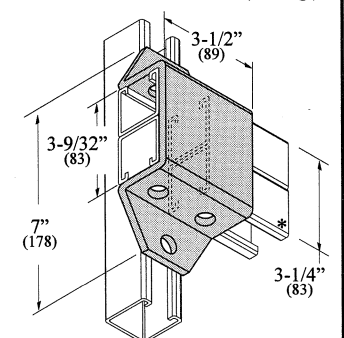
* FITS: VA-1 & VA-2

VF-6701-3 Wt/ea 2.03 Lbs. (.917 kg.)



* FITS: VA-3

VF-6802 Wt/ea 2.1 Lbs. (.949 kg.)



* FITS: VA-1201, VA-2201 & VA-11

Standard Fitting Dimensions

Width: 1-5/8" (41.3 mm)
 Thickness: 1/4" (6.3 mm)
 Hole Diameter: 9/16" (14.3 mm)
 Hole Spacing On Center: 1-7/8" (47.6 mm)
 Hole Spacing From Ends: 13/16" (20.6 mm)

Metrics in Parenthesis
 Unless Otherwise Specified

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"U" FITTINGS

VF-6501 Wt/ea 1.05 Lbs. (.474 kg.) * FITS: VA-1 & VA-2 Channel	VF-6501-3 Wt/ea 1.15 Lbs. (.519 kg.) * FITS: VA-3	VF-6402-3U Wt/ea .95 Lbs. (.429 kg.) * FITS: VA-3	VF-6401-44 Wt/ea 1.07 Lbs. (.483 kg.) * FITS: VA-3																		
VF-6301-A Wt/ea .79 Lbs. (.357 kg.) * FITS: VA-1 & VA-2	VF-2206-4 Wt/ea .75 Lbs. (.339 kg.) * FITS: VA-4, VA-5 or VA-13	VF-2206 Wt/ea .95 Lbs. (.429 kg.) * FITS: VA-1 or VA-2	VF-5401 Wt/ea .71 Lbs. (.322 kg.) * FITS: VA-1201, VA-2201 & VA-11																		
VF-5401-44 Wt/ea .75 Lbs. (.339 kg.) * FITS: VA-4405 & VA-5505	VF-5401-A Wt/ea .71 Lbs. (.322 kg.) * FITS: VA-1 or VA-2	VF-5203 Series <table><tr><th>Part#</th><th>Dim "A"</th><th>Wgt. Ea.</th></tr><tr><td>VF-5203-A</td><td>4" (101)</td><td>.76# (.343)</td></tr><tr><td>VF-5203-B</td><td>5" (127)</td><td>.90# (.406)</td></tr><tr><td>VF-5203-C</td><td>6" (152)</td><td>1.0# (.452)</td></tr><tr><td>VF-5203-D</td><td>7" (177)</td><td>1.1# (.510)</td></tr><tr><td>VF-5203-E</td><td>8" (203)</td><td>1.3# (.565)</td></tr></table>	Part#	Dim "A"	Wgt. Ea.	VF-5203-A	4" (101)	.76# (.343)	VF-5203-B	5" (127)	.90# (.406)	VF-5203-C	6" (152)	1.0# (.452)	VF-5203-D	7" (177)	1.1# (.510)	VF-5203-E	8" (203)	1.3# (.565)	VF-6404 Wt/ea 1.2 Lbs. (.542 kg.) * FITS: VA-1 or VA-2
Part#	Dim "A"	Wgt. Ea.																			
VF-5203-A	4" (101)	.76# (.343)																			
VF-5203-B	5" (127)	.90# (.406)																			
VF-5203-C	6" (152)	1.0# (.452)																			
VF-5203-D	7" (177)	1.1# (.510)																			
VF-5203-E	8" (203)	1.3# (.565)																			
VF-6403 Wt/ea 1.17 Lbs. (.528 kg.) * FITS: VA-1 or VA-2	VF-6101 Wt/ea .85 Lbs. (.384 kg.) Outside holes tapped 5/16"-18 * FITS: VA-1 & VA-2 Channel	VF-6102 Wt/ea .85 Lbs. (.384 kg.) Outside holes tapped 5/16"-18 * FITS: VA-1 & VA-2 Channel	VF-6305, 06 & 07 9/16" x 1-1/2" Slots (14) (38) * FITS: 1-9/16" (40) 1-5/8 x 1-5/8 Channel <table><tr><th>Part#</th><th>Dim "A"</th><th>Dim "B"</th><th>Wt. Ea.</th></tr><tr><td>VF-6305</td><td>7-1/4" 184</td><td>4-1/8" 105</td><td>1.45# .65</td></tr><tr><td>VF-6306</td><td>8-1/2" 216</td><td>5-3/8" 136</td><td>1.69# .76</td></tr><tr><td>VF-6307</td><td>10-3/8" 264</td><td>7-1/4" 184</td><td>1.93# .87</td></tr></table>	Part#	Dim "A"	Dim "B"	Wt. Ea.	VF-6305	7-1/4" 184	4-1/8" 105	1.45# .65	VF-6306	8-1/2" 216	5-3/8" 136	1.69# .76	VF-6307	10-3/8" 264	7-1/4" 184	1.93# .87		
Part#	Dim "A"	Dim "B"	Wt. Ea.																		
VF-6305	7-1/4" 184	4-1/8" 105	1.45# .65																		
VF-6306	8-1/2" 216	5-3/8" 136	1.69# .76																		
VF-6307	10-3/8" 264	7-1/4" 184	1.93# .87																		



VERSABAR CORPORATION

"U" FITTINGS and POST BASES

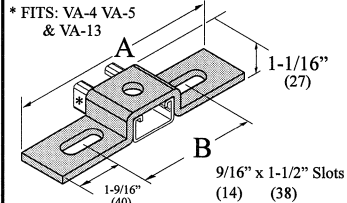
Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)

Metrics in Parenthesis

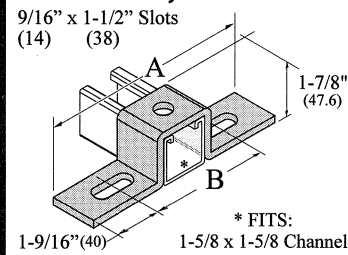
•Unless Otherwise Specified•

VF-6302-4 Wt/ea. 0.91# .411
VF-6303-4 Wt/ea. 1.02# .461
VF-6304-4 Wt/ea. 1.25# .565



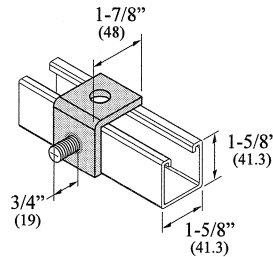
Part#	Dim "A"	Dim "B"
VF-6302-4	7-1/4" 184	4-1/8" 105
VF-6303-4	8-1/2" 216	5-3/8" 136
VF-6304-4	10-3/8" 264	7-1/4" 184

VF-6302, 03 & 04



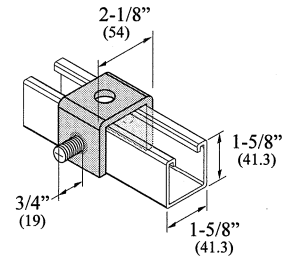
Part#	Dim "A"	Dim "B"	Wt. Ea.
VF-6302	7-1/4" 184	4-1/8" 105	1.05# .474
VF-6303	8-1/2" 216	5-3/8" 136	1.19# .537
VF-6304	10-3/8" 264	7-1/4" 184	1.32# .596

VF-2110-A Wt/ea. .40 Lbs. (.180 kg.)



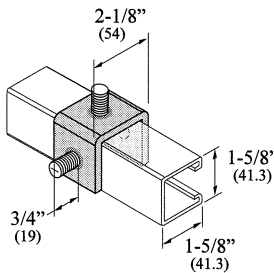
Stud Dia. 1/2"-13 (U.S. Coarse Thread)
 Custom lengths available per spec.

VF-7110-A Wt/ea. .61 Lbs. (.275 kg.)



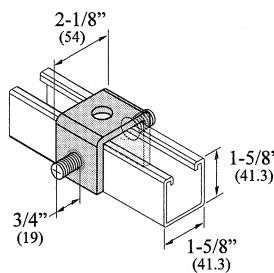
Stud Dia. 1/2"-13 (U.S. Coarse Thread)
 Custom lengths available per spec.

VF-7110-C Wt/ea. .66 Lbs. (.298 kg.)



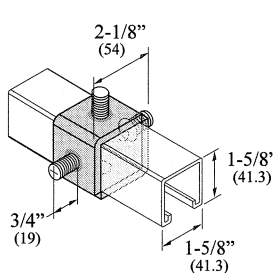
Stud Dia. 1/2"-13 (U.S. Coarse Thread)
 Custom lengths available per spec.

VF-7110-B Wt/ea. .66 Lbs. (.298 kg.)



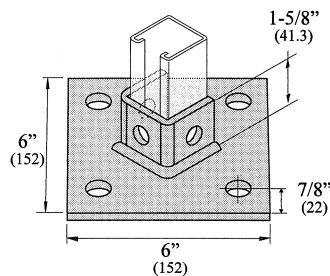
Stud Dia. 1/2"-13 (U.S. Coarse Thread)
 Custom lengths available per spec.

VF-7110-D Wt/ea. .91 Lbs. (.411 kg.)



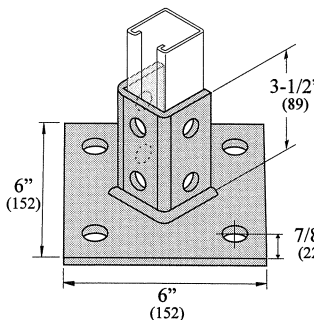
Stud Dia. 1/2"-13 (U.S. Coarse Thread)
 Custom lengths available per spec.

VF-9601-A Wt/ea 3.0 Lbs. (1.35 kg.)



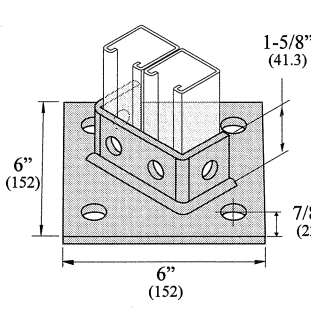
* Base plate holes are 3/4" (19mm) diameter

VF-9601 Wt/ea 3.27 Lbs. (1.47 kg.)



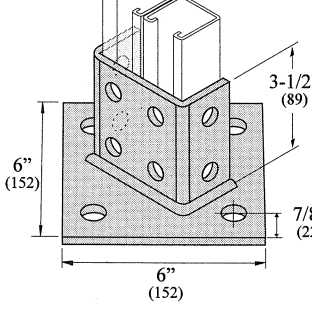
* Base plate holes are 3/4" (19mm) diameter

VF-9602-A Wt/ea 3.65 Lbs. (1.65 kg.)



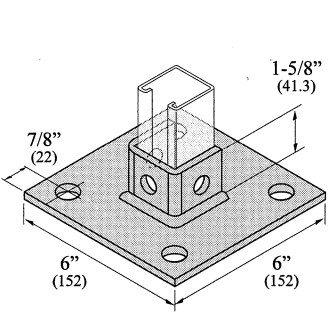
* Base plate holes are 3/4" (19mm) diameter

VF-9602 Wt/ea 4.0 Lbs. (1.81 kg.)



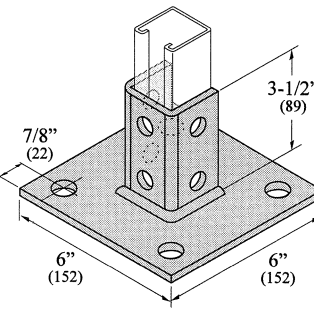
* Base plate holes are 3/4" (19mm) diameter

VF-9601-A-SQ Wt/ea 3.0 Lbs. (1.36 kg.)



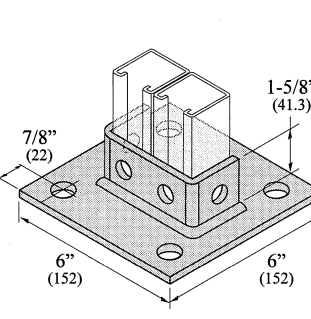
* Base plate holes are 3/4" (19mm) diameter

VF-9601-SQ Wt/ea 3.27 Lbs. (1.48 kg.)



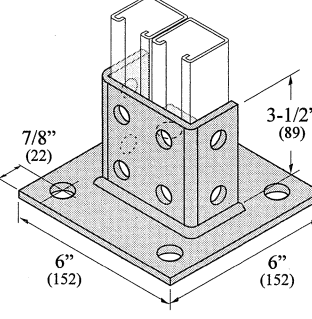
* Base plate holes are 3/4" (19mm) diameter

VF-9602-A-SQ Wt/ea 3.65 Lbs. (1.65 kg.)



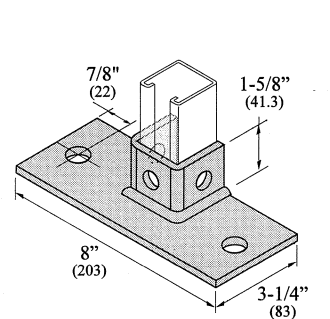
* Base plate holes are 3/4" (19mm) diameter

VF-9602-SQ Wt/ea 4.0 Lbs. (1.81 kg.)



* Base plate holes are 3/4" (19mm) diameter

VF-9601-A-FL Wt/ea 2.3 Lbs. (1.04 kg.)



* Base plate holes are 3/4" (19mm) diameter

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)

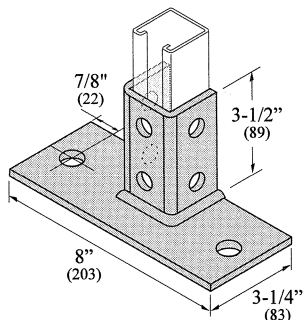
Metrics in Parenthesis
 Unless Otherwise Specified

VERSABAR CORPORATION

POST BASES

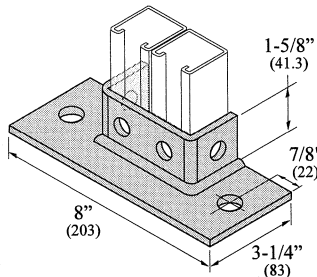


VF-9601-FL Wt/ea 3.12 Lbs.
(1.41 kg.)



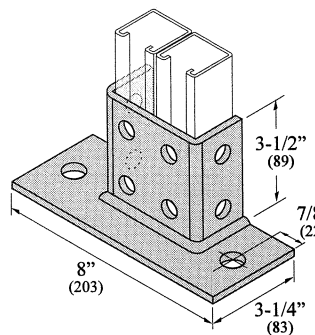
* Base plate holes are 3/4" (19mm) diameter

VF-9602-A-FL Wt/ea 2.5 Lbs. (1.13 kg.)



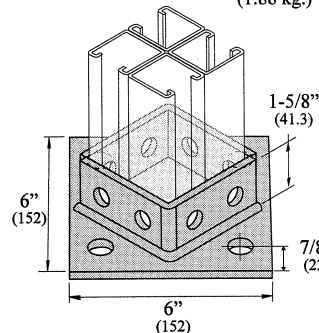
* Base plate holes are 3/4" (19mm) diameter

VF-9602-FL Wt/ea 3.2 Lbs.
(1.45 kg.)



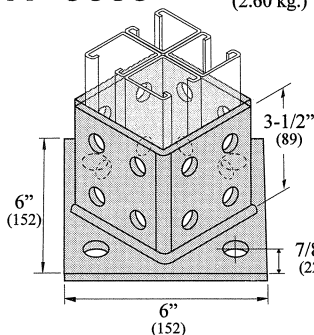
* Base plate holes are 3/4" (19mm) diameter

VF-9605-A Wt/ea 4.15 Lbs.
(1.88 kg.)



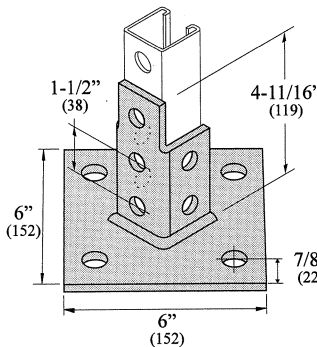
* Base plate holes are 3/4" (19mm) diameter

VF-9605 Wt/ea 5.75 Lbs.
(2.60 kg.)



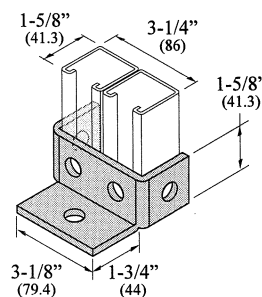
* Base plate holes are 3/4" (19mm) diameter

VF-9606-B Wt/ea 3.6 Lbs.
(1.63 kg.)

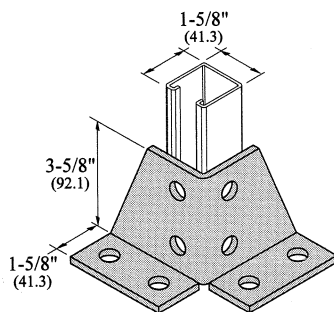


* Base plate holes are 3/4" (19mm) diameter

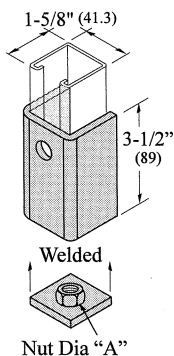
VF-9311 Wt/ea 1.15 Lbs.
(.519 kg.)



VF-7802 Wt/ea 2.2 Lbs.
(.994 kg.)

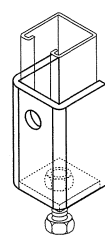


VF-7139 Series

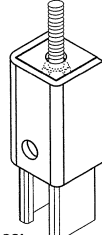


Nut Dia "A"

Part#	Dia "A"	Wgt. Ea.
VF-7139-A	5/16"	1.50 (.678)
VF-7139-B	3/8"	1.55 (.701)
VF-7139-C	1/2"	1.58 (.714)
VF-7139-D	5/8"	1.62 (.732)
VF-7139-E	3/4"	1.66 (.750)

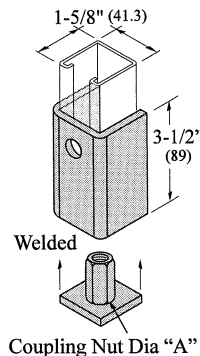


Used as:
A column leveler



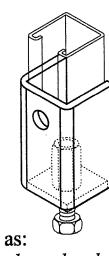
Used as:
A strut hanger

VF-7138 Series

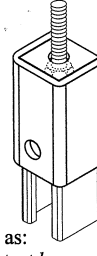


Welded
Coupling Nut Dia "A"

Part#	Dia "A"	Wgt. Ea.
VF-7138-A	3/8"	1.65 (.745)
VF-7138-B	1/2"	1.71 (.772)
VF-7138-C	3/4"	1.74 (.786)

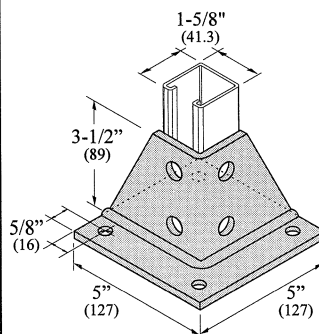


Used as:
A column leveler



Used as:
A strut hanger

VF-7803 Wt/ea 3.0 Lbs.
(1.36 kg.)

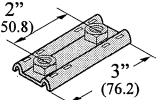


* Base plate holes are 7/16" (11mm) dia.

VF-5803-GRS

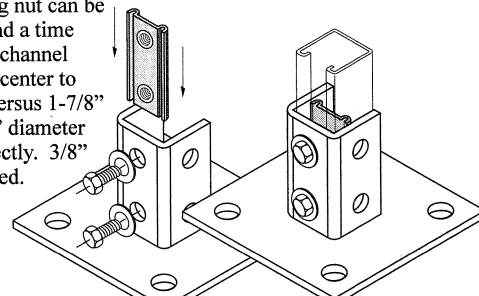
Allows **FAST** setup of double height floor stands.

This integrated footing nut can be both a convenience and a time saver when installing channel stands. Although the center to center spacing is 2" versus 1-7/8" on the fitting, the 3/8" diameter fasteners will fit perfectly. 3/8" flatwashers are required.



3/8"-16 Threads

Wt/ea .17 Lbs.
(.077 kg.)



See Versabar

On the internet at:

<http://www.versabar.com>



VERSABAR CORPORATION

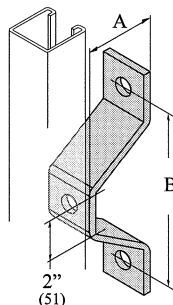
SPECIAL APPLICATION FITTINGS

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)

Metrics in Parenthesis
•Unless Otherwise Specified•

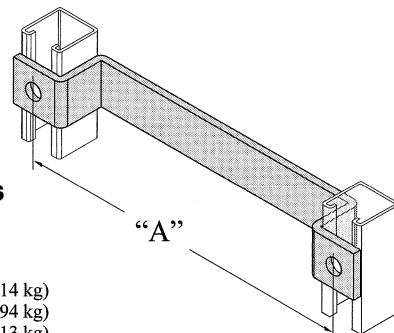
VF-6111 to VF-6115 Railing Risers



Ladder Assembly Fittings

Part #	Dim "A"	Dim "B"	Wgt. Ea.
VF-6111	2-3/8" (60)	6" (152)	1.1 Lb. (.497 kg)
VF-6112	4-3/8" (111)	8" (203)	1.6 Lb. (.723 kg)
VF-6113	6-3/8" (162)	10" (254)	2.2 Lb. (.994 kg)
VF-6114	8-3/8" (213)	12" (305)	2.7 Lb. (1.22 kg)
VF-6115	10-3/8" (263)	14" (356)	3.2 Lb. (1.45 kg)

VF-6108 to VF-6110 Ladder Rungs

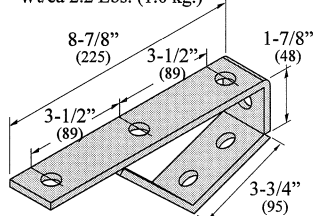


Ladder Assembly Fittings

Part #	Dim "A"	Wgt. Ea.
VF-6108	12" (305)	1.8 Lb. (.814 kg)
VF-6109	15" (381)	2.2 Lb. (.994 kg)
VF-6110	18" (457)	2.5 Lb. (1.13 kg)

VF-7045-37-1/2

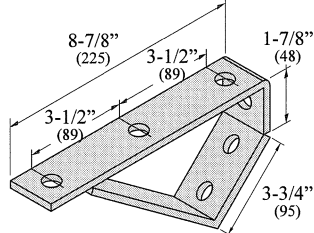
Wt/ea 2.2 Lbs. (1.0 kg.)



Stair Tread Support
37.5 Degrees

VF-7045-45

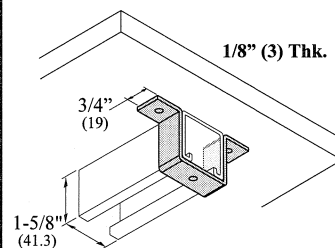
Wt/ea 2.2 Lbs. (1.0 kg.)



Stair Tread Support
45 Degrees

VF-6316

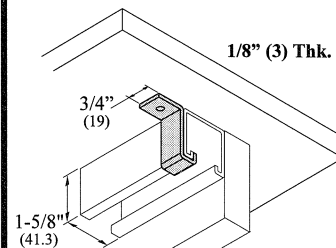
Wt/ea .18 Lbs. (.08 kg.)



Uses 1/4" Dia. Fasteners

VF-4109

Wt/ea .09 Lbs. (.04 kg.)

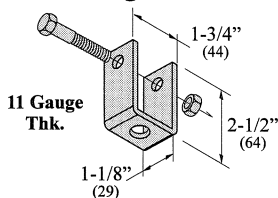


Uses 1/4" Dia. Fasteners

VX-1099

Wt/ea .31 Lbs. (.14 kg.)

Swing Clevis



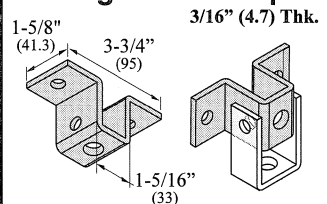
Side Holes are 7/16" (11.1) Dia.
Base Hole is 9/16" (14.3) Dia.

Includes 3/8"-16 x 2-1/4" HHCS
and 3/8" Dia. Hex Nut

VX-6402-OH

Wt/ea .51 Lbs. (.23 kg.)

Swing Clevis Adaptor



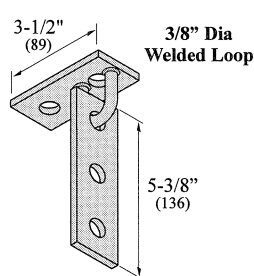
VX-1099 Swing Clevis sold separately

Side Holes are 7/16" (11.1) Dia.
Base Hole is 9/16" (14.3) Dia.

VF-7043-A

Wt/ea 1.04 Lbs. (.472 kg.)

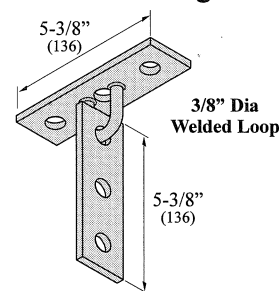
Swivel Fitting



VF-7043-B

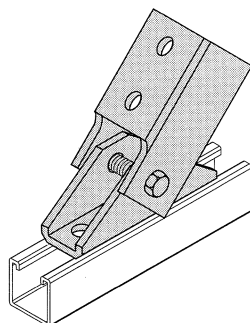
Wt/ea 1.2 Lbs. (.544 kg.)

Swivel Fitting



VF-7046 Single Swing Connector

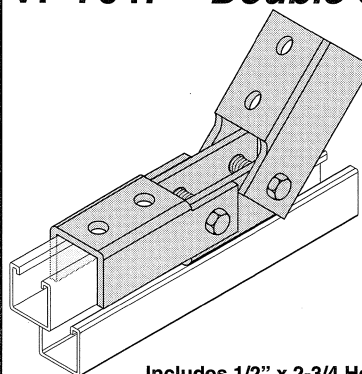
Wt/ea 3.02 Lbs. (1.37 kg.)



Includes 1/2" x 2-3/4 Hex Head Cap Screw & Hex Nut

VF-7047 Double Swing Connector

Wt/ea 5.11 Lbs. (2.31 kg.)



Includes 1/2" x 2-3/4 Hex Head Cap Screws & Hex Nuts

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VERSABAR CORPORATION

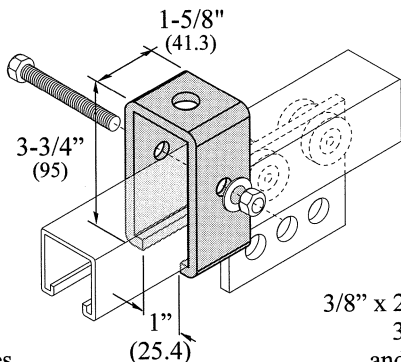
TROLLEY FITTINGS



VF-7101

Wt/ea 1.10 Lbs.
(.497 kg.)

Permits suspension of
1-5/8" square channel and
free passage of trolley unit.



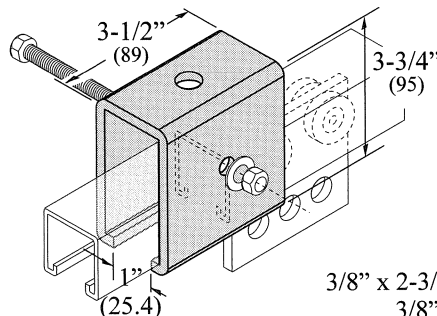
Side holes
7/16" dia.

3/8" x 2-3/4" H.H.C.S.
3/8" F.W.
and 3/8" H.N.
Not Included

VF-7101-A

Wt/ea 2.4 Lbs.
(1.08 kg.)

Permits suspension and splicing
of 1-5/8" square channel and
free passage of trolley unit.



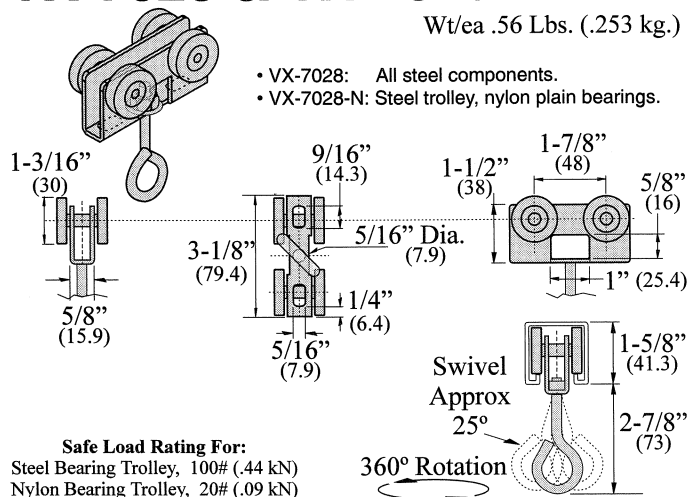
Side holes
7/16" dia.

3/8" x 2-3/4" H.H.C.S.
3/8" F.W.
and 3/8" H.N.
Not Included

VX-7028 & VX-7028-N

Wt/ea .56 Lbs. (.253 kg.)

- VX-7028: All steel components.
- VX-7028-N: Steel trolley, nylon plain bearings.

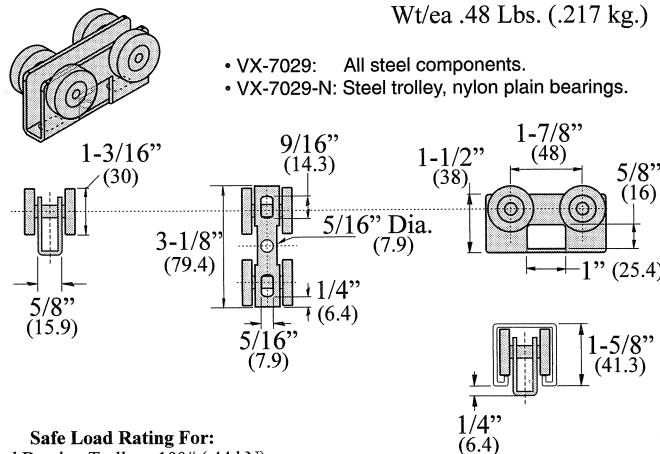


Safe Load Rating For:
Steel Bearing Trolley, 100# (.44 kN)
Nylon Bearing Trolley, 20# (.09 kN)

VX-7029 & VX-7029-N

Wt/ea .48 Lbs. (.217 kg.)

- VX-7029: All steel components.
- VX-7029-N: Steel trolley, nylon plain bearings.

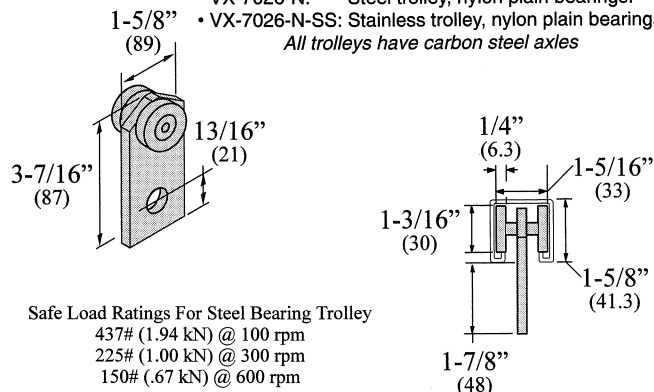


Safe Load Rating For:
Steel Bearing Trolley, 100# (.44 kN)
Nylon Bearing Trolley, 20# (.09 kN)

VX-7026 & VX-7026-N

Wt/ea .50 Lbs. (.226 kg.)

- VX-7026: All steel components.
 - VX-7026-N: Steel trolley, nylon plain bearings.
 - VX-7026-N-SS: Stainless trolley, nylon plain bearings.
- All trolleys have carbon steel axles

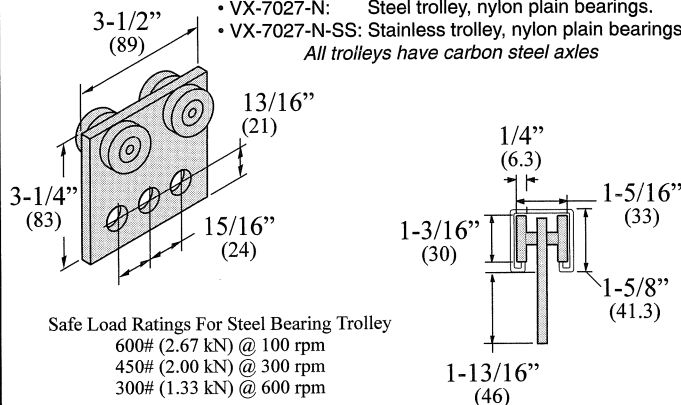


Safe Load Ratings For Steel Bearing Trolley
437# (1.94 kN) @ 100 rpm
225# (1.00 kN) @ 300 rpm
150# (.67 kN) @ 600 rpm

VX-7027 & VX-7027-N

Wt/ea 1.1 Lbs. (.50 kg.)

- VX-7027: All steel components.
 - VX-7027-N: Steel trolley, nylon plain bearings.
 - VX-7027-N-SS: Stainless trolley, nylon plain bearings.
- All trolleys have carbon steel axles



Safe Load Ratings For Steel Bearing Trolley
600# (2.67 kN) @ 100 rpm
450# (2.00 kN) @ 300 rpm
300# (1.33 kN) @ 600 rpm



VERSABAR CORPORATION

CONVEYOR APPLICATION FITTINGS

Standard Fitting Dimensions

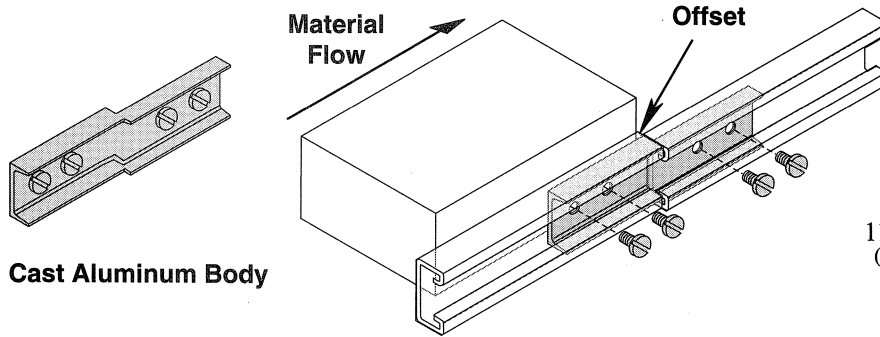
Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)

Metrics in Parenthesis
•Unless Otherwise Specified•

VF-5801-GRS

Conveyor Guard Rail Splice

Wt/ea .20 Lbs. (.091 kg.)

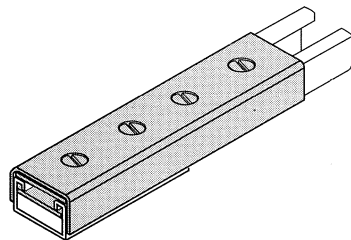


Offset design prevents packages from binding to guide rails

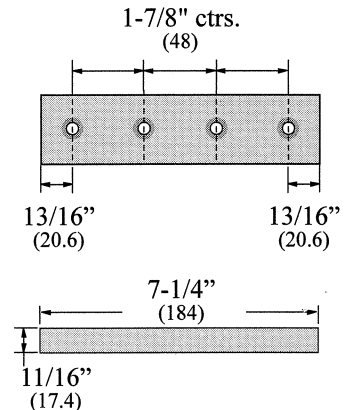
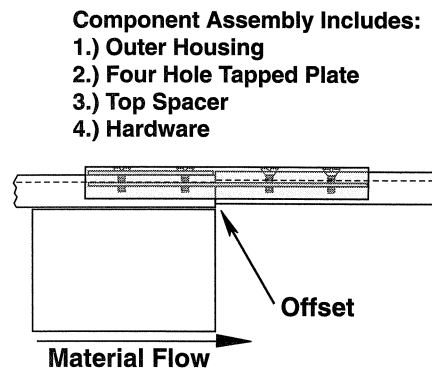
VF-5403-A-4-GRS

Conveyor Guard Rail Splice

Wt/ea .96 Lbs. (.436 kg.)



Electro-Plated Steel Components
Collar is 14ga.

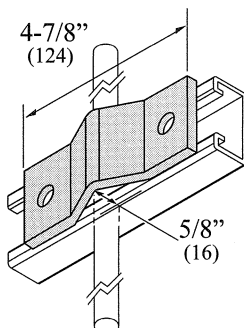


Offset design prevents packages from binding to guide rails

VF-5802-GRS

Guard Rail Clip

Wt/ea .58 Lbs.
(.263 kg.)

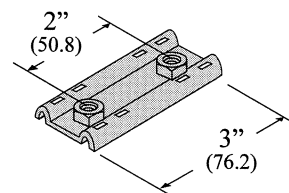


Side holes
7/16" dia.

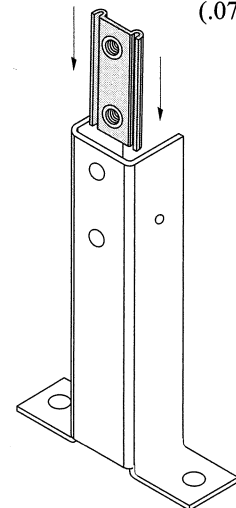
VF-5803-GRS

Footing Double Nut

Wt/ea .17 Lbs.
(.077 kg.)



3/8"-16 Threads



Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

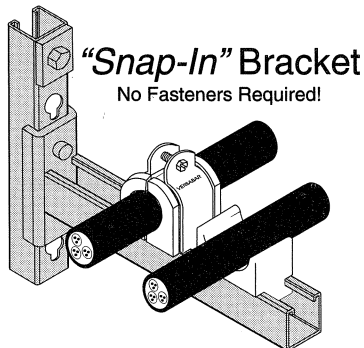
VERSABAR CORPORATION

VCX INTERLOCKING BRACKETS



VCX SERIES

INTEGRATED CABLE SUPPORT BRACKETS



"Snap-In" Bracket

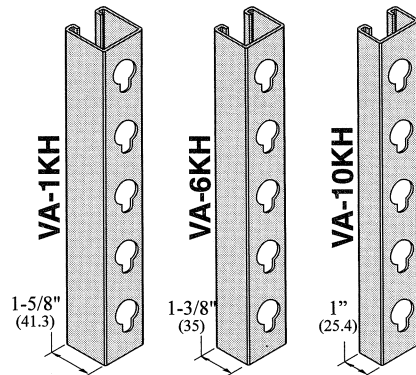
No Fasteners Required!

The VERSABAR VCX Bracket system offers advantages over standard channel brackets. Installation can be done in seconds, because no threaded fasteners are required when mounting the bracket to an upright. By utilizing a "snap-in" design, *brackets are secured in place without tools*, anywhere there is an available keyhole. Once dropped into the notch, the bracket cannot be accidentally dislodged.

These brackets and components can be manufactured in both carbon and stainless steels.

KEYHOLE CHANNEL

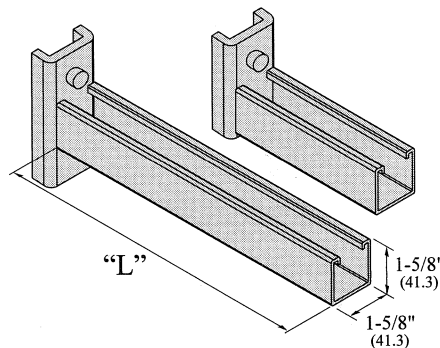
INTEGRATED CABLE SUPPORT COMPONENTS



Part Number	Steel Gauge	Stock Lengths	Wgt. Per L.F. (Kg. Per m)
VA-1KH	12	10' / 20' / 24' (3.05m / 6.09m / 7.32m)	1.9 # (2.83)
VA-6KH	12	10' / 20' (3.05m / (6.09m)	1.7 # (2.53)
VA-10KH	12	10' / 20' (3.05m / (6.09m)	1.4# (2.07)

KEYHOLE BRACKETS

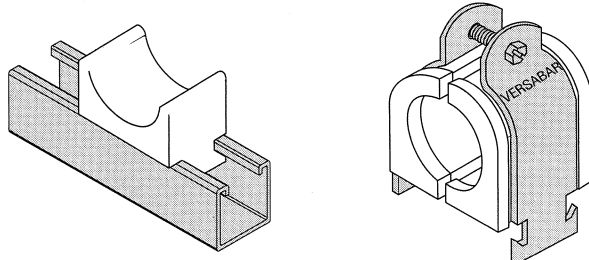
INTEGRATED CABLE SUPPORT COMPONENTS



Part#	Dim "L"	Channel	Uniform Load Rating	Wt. Ea.
VCX-4	4"	VA-1 (12 ga.)	1400 (635 kg)	1.6# (.726 kg)
VCX-7.5	7-1/2"	VA-1 (12 ga.)	800 (363 kg)	2.3# (1.04 kg)
VCX-10	10"	VA-1 (12 ga.)	700 (317 kg)	2.8# (1.27 kg)
VCX-14	14"	VA-1 (12 ga.)	600 (272 kg)	3.8# (1.75 kg)
VCX-18	18"	VA-1 (12 ga.)	500 (227 kg)	4.4# (1.99 kg)

PORCELAIN SADDLES & CLAMPS

INTEGRATED CABLE SUPPORT COMPONENTS



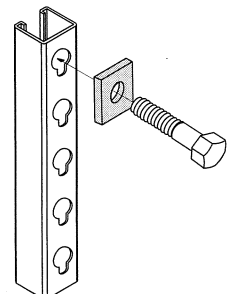
Full porcelain product line listings on page E-4 & E-5 of this catalog

VF-1101 Series Flat Washers

INTEGRATED CABLE SUPPORT COMPONENTS

Part Number	Hole Size	Bolt Size
VF-1101-1/4	11/32 (8.7)	1/4 or 5/16
VF-1101-3/8	13/32 (10.3)	3/8
VF-1101-1/2	9/16 (14.3)	1/2
VF-1101-5/8	21/32 (16.7)	5/8
VF-1101-3/4	13/16 (20.6)	3/4

Used in conjunction with wall anchors





VERSABAR CORPORATION

CHANNEL BRACKETS

Standard Fitting Dimensions

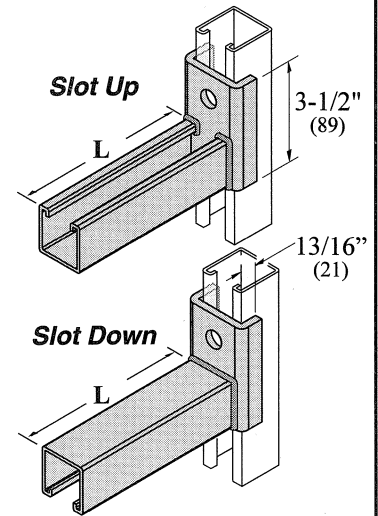
Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

Collar Base Channel Brackets 6" & 12"

Part# Slot UP	Part# Slot DOWN	Dim "L"	Uniform Load Rating†	Wt. Ea.
VB-1060	VB-1060-D	6" (152)	1600# (723 kg)	1.9# (.86 kg)
VB-1120	VB-1120-D	12" (305)	800 # (362 kg)	2.9# (1.3 kg)

Channel Component is VA-1 (12 Ga.)

† Load rating valid only when used with VN / VSN-1050 & 12 ga. vertical bracket mounting channel of 1-5/8" depth or greater.

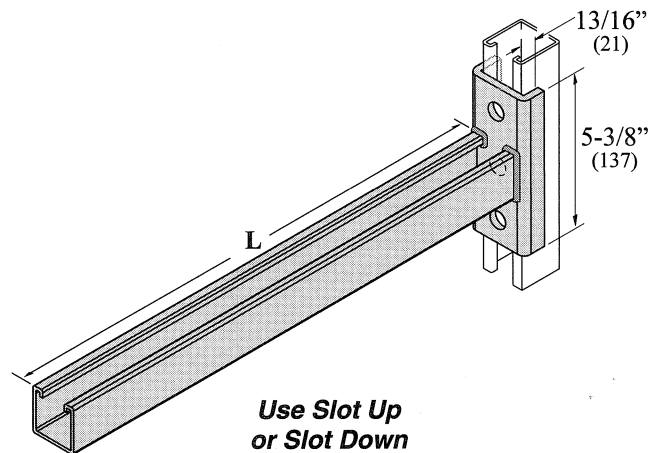


Collar Base Channel Brackets 18" & 24"

Part Number	Dim "L"	Uniform Load Rating†	Wt. Ea.
VB-1180	18" (457)	600# (271 kg)	4.4# (1.99 kg)
VB-1240	24" (609)	450# (203 kg)	5.3# (2.40 kg)

Channel Component is VA-1 (12 Ga.)

† Load rating valid only when used with VN / VSN-1050 & 12 ga. vertical bracket mounting channel of 1-5/8" depth or greater.

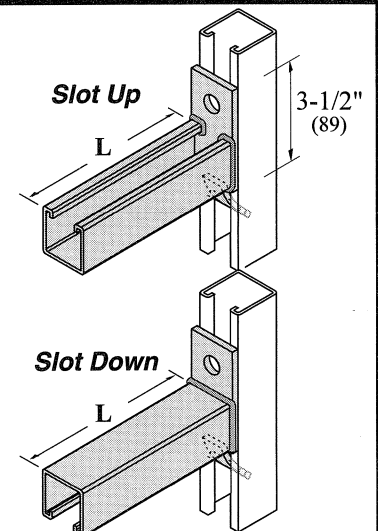


Tongue Plate Base Channel Brackets 6" thru 24"

Part# Slot UP	Part# Slot DOWN	Dim "L"	Uniform Load Rating†	Wt. Ea.
VB-1060-X	VB-1060-XD	6" (152)	1200# (542 kg)	1.5# (.678 kg)
VB-1120-X	VB-1120-XD	12" (305)	600 # (271 kg)	2.5# (1.13 kg)
VB-1180-X	VB-1180-XD	18" (457)	400# (181 kg)	3.5# (1.58 kg)
VB-1240-X	VB-1240-XD	24" (609)	300# (135 kg)	4.5# (2.03 kg)

Channel Component is VA-1 (12 Ga.)

† Load rating valid only when used with VN / VSN-1050 & 12 ga. vertical bracket mounting channel of 1-5/8" depth or greater.



Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VERSABAR CORPORATION

CHANNEL BRACKETS



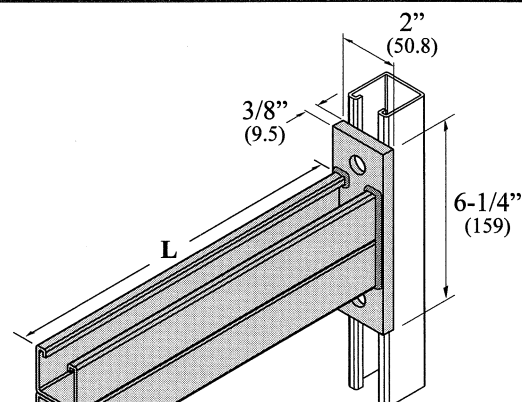
H.D. Base, Double Channel Brackets 12" thru 36"

Part Number	Dim "L"	Uniform Load Rating †	Wt. Ea.
VB-11120	12" (305)	2000# (904 kg)	5.2# (2.35 kg)
VB-11180	18" (457)	1300# (587 kg)	7.2# (3.25 kg)
VB-11240	24" (609)	950# (429 kg)	9.2# (4.15 kg)
VB-11300	30" (762)	775# (350 kg)	11.2# (5.06 kg)
VB-11360	36" (914)	660# (298 kg)	13.2# (5.96 kg)

Channel Component is VA-1201 (12 Ga.)

** Stainless brackets will use stainless welded B/B channel

* Channel sections are welded to back plates



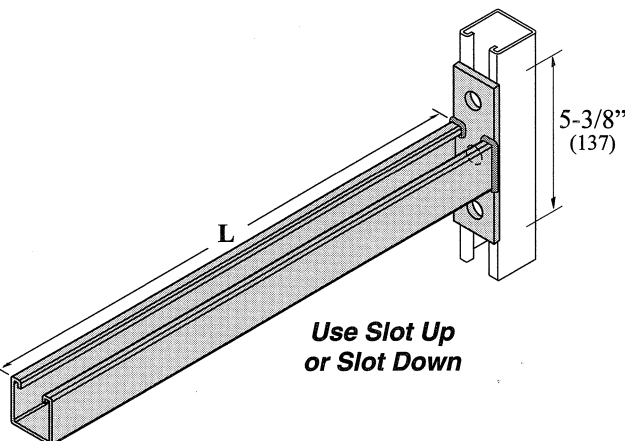
Features "TOGGLE-LOCK"***
Weld-Free, Back to Back Channel*
See catalog section "A" for details

† Load rating valid only when used with VN / VSN-1050 & 12 ga. vertical bracket mounting channel of 1-5/8" depth or greater.

Flat Plate Base Channel Brackets 6" thru 24"

Part Number	Dim "L"	Uniform Load Rating†	Wt. Ea.
VB-1060-FP	6" (152)	1920# (867 kg)	1.52# (.687 kg)
VB-1120-FP	12" (305)	960# (433 kg)	2.32# (1.05 kg)
VB-1180-FP	18" (457)	600# (271 kg)	3.22# (1.46 kg)
VB-1240-FP	24" (609)	450# (203 kg)	4.12# (1.86 kg)

Channel Component is VA-1 (12 Ga.)

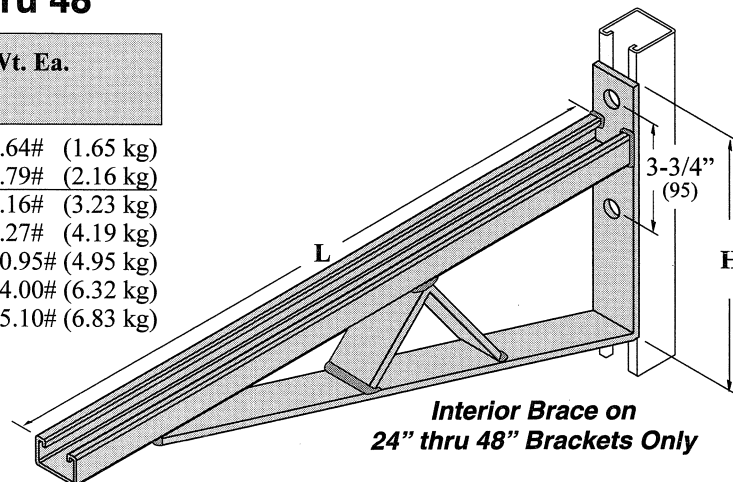


† Load rating valid only when used with VN / VSN-1050 & 12 ga. vertical bracket mounting channel of 1-5/8" depth or greater.

VA-10 Channel Brackets 12" thru 48"

Part Number	Dim "L"	Dim "H"	Uniform Load Rating†	Wt. Ea.
VB-4120	12" (305)	8-3/4" (222)	1900# (858 kg)	3.64# (1.65 kg)
VB-4180	18" (457)	8-3/4" (222)	1000# (454 kg)	4.79# (2.16 kg)
VB-4240	24" (609)	8-3/4" (222)	1000# (454 kg)	7.16# (3.23 kg)
VB-4300	30" (762)	11-1/4" (285)	900# (408 kg)	9.27# (4.19 kg)
VB-4360	36" (914)	11-1/4" (285)	750# (340 kg)	10.95# (4.95 kg)
VB-4420	42" (1066)	16" (406)	650# (295 kg)	14.00# (6.32 kg)
VB-4480	48" (1219)	16" (406)	600# (272 kg)	15.10# (6.83 kg)

Channel Component is VA-10 (12 Ga.)



† Load rating valid only when used with VN / VSN-1050 & 12 ga. vertical bracket mounting channel of 1-5/8" depth or greater.



VERSABAR CORPORATION

HEAVY DUTY SHELF BRACKETS

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)

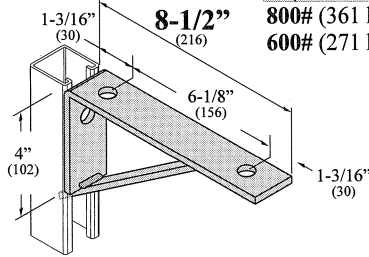
Metrics in Parenthesis
•Unless Otherwise Specified•

VB-4085

Wt/ea 1.75 Lbs. (.791 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

800# (361 kg.) On VA-1, 12 ga.
600# (271 kg.) On VA-2, 14 ga.



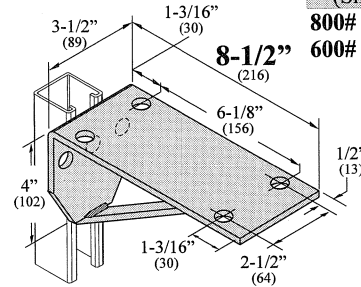
†Load rating valid **only** when mounted
with VN or VSN-1050 channel nuts

VB-4085-D

Wt/ea 3.0 Lbs. (1.35 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

800# (361 kg.) On VA-1, 12 ga.
600# (271 kg.) On VA-2, 14 ga.



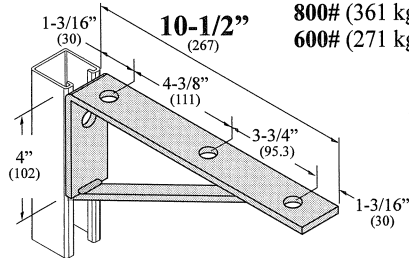
†Load rating valid **only** when mounted
with VN or VSN-1050 channel nuts

VB-4105

Wt/ea 2.0 Lbs. (.904 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

800# (361 kg.) On VA-1, 12 ga.
600# (271 kg.) On VA-2, 14 ga.



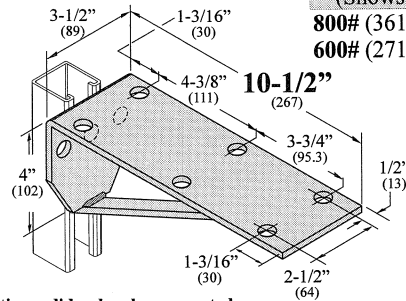
†Load rating valid **only** when mounted
with VN or VSN-1050 channel nuts

VB-4105-D

Wt/ea 3.5 Lbs. (1.6 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

800# (361 kg.) On VA-1, 12 ga.
600# (271 kg.) On VA-2, 14 ga.



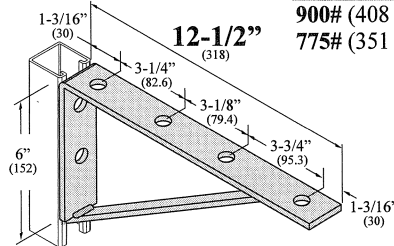
†Load rating valid **only** when mounted
with VN or VSN-1050 channel nuts

VB-4125

Wt/ea 2.7 Lbs. (1.22 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

900# (408 kg.) On VA-1, 12 ga.
775# (351 kg.) On VA-2, 14 ga.



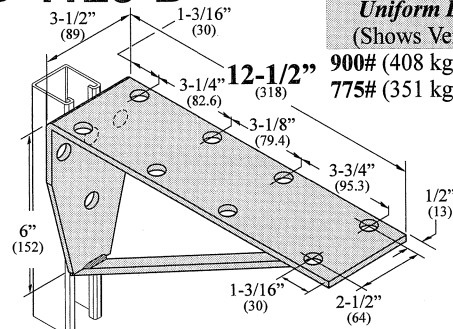
†Load rating valid **only** when mounted
with VN or VSN-1050 channel nuts

VB-4125-D

Wt/ea 4.4 Lbs. (1.98 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

900# (408 kg.) On VA-1, 12 ga.
775# (351 kg.) On VA-2, 14 ga.



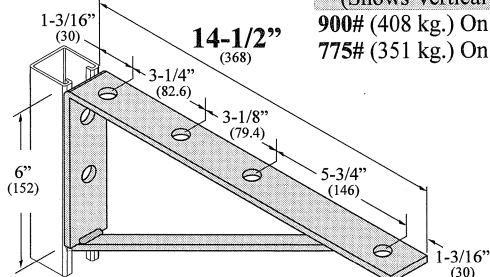
†Load rating valid **only** when mounted
with VN or VSN-1050 channel nuts

VB-4145

Wt/ea 3.0 Lbs. (1.35 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

900# (408 kg.) On VA-1, 12 ga.
775# (351 kg.) On VA-2, 14 ga.



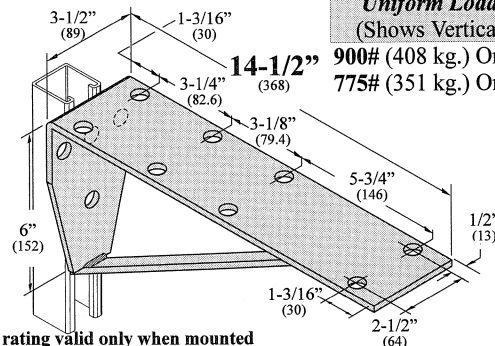
†Load rating valid **only** when mounted
with VN or VSN-1050 channel nuts

VB-4145-D

Wt/ea 5.0 Lbs. (2.26 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

900# (408 kg.) On VA-1, 12 ga.
775# (351 kg.) On VA-2, 14 ga.



†Load rating valid **only** when mounted
with VN or VSN-1050 channel nuts

Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)

Metrics in Parenthesis

•Unless Otherwise Specified•

VERSABAR CORPORATION

HEAVY DUTY SHELF BRACKETS



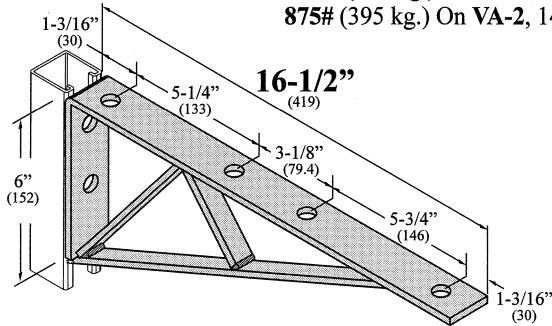
VB-4165

Wt/ea 3.85 Lbs. (1.74 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

1200# (542 kg.) On VA-1, 12 ga.

875# (395 kg.) On VA-2, 14 ga.



†Load rating valid only when mounted
with VN or VSN-1050 channel nuts

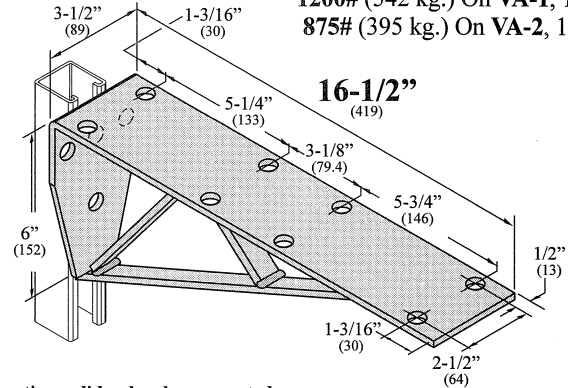
VB-4165-D

Wt/ea 6.15 Lbs. (2.77 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

1200# (542 kg.) On VA-1, 12 ga.

875# (395 kg.) On VA-2, 14 ga.



†Load rating valid only when mounted
with VN or VSN-1050 channel nuts

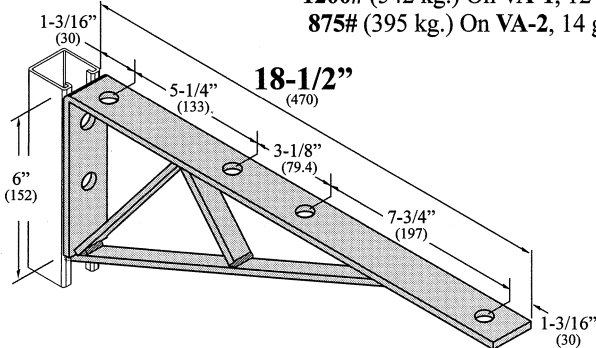
VB-4185

Wt/ea 4.2 Lbs. (1.89 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

1200# (542 kg.) On VA-1, 12 ga.

875# (395 kg.) On VA-2, 14 ga.



†Load rating valid only when mounted
with VN or VSN-1050 channel nuts

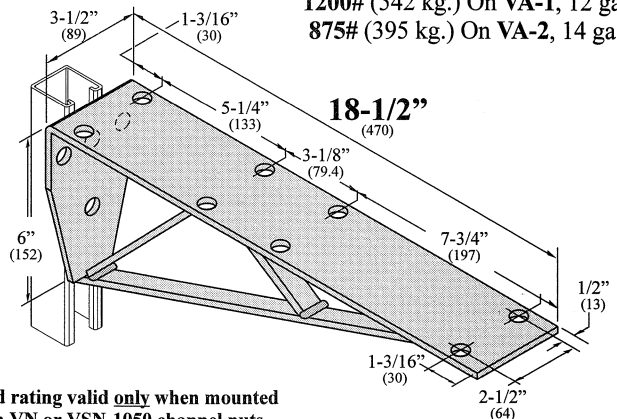
VB-4185-D

Wt/ea 6.8 Lbs. (3.07 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

1200# (542 kg.) On VA-1, 12 ga.

875# (395 kg.) On VA-2, 14 ga.



†Load rating valid only when mounted
with VN or VSN-1050 channel nuts

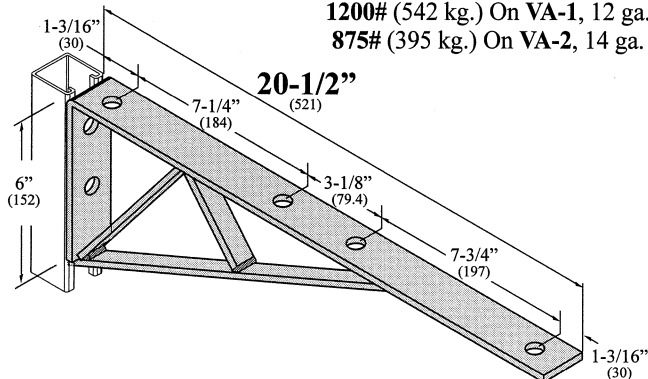
VB-4205

Wt/ea 4.6 Lbs. (2.07 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

1200# (542 kg.) On VA-1, 12 ga.

875# (395 kg.) On VA-2, 14 ga.



†Load rating valid only when mounted
with VN or VSN-1050 channel nuts

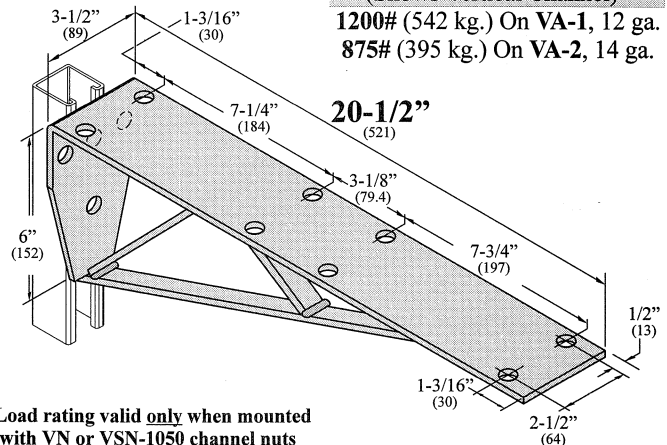
VB-4205-D

Wt/ea 7.5 Lbs. (3.39 kg.)

Uniform Load Rating†:
(Shows Vertical Channel)

1200# (542 kg.) On VA-1, 12 ga.

875# (395 kg.) On VA-2, 14 ga.

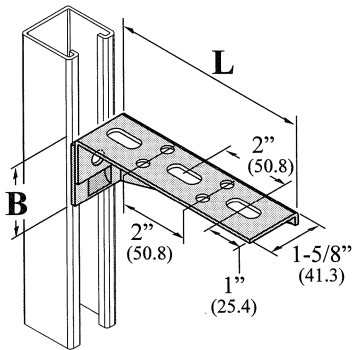


†Load rating valid only when mounted
with VN or VSN-1050 channel nuts



VERSABAR CORPORATION

SLOTTED SHEET METAL BRACKETS



Slotted Sheet Metal Brackets - 6" thru 10"

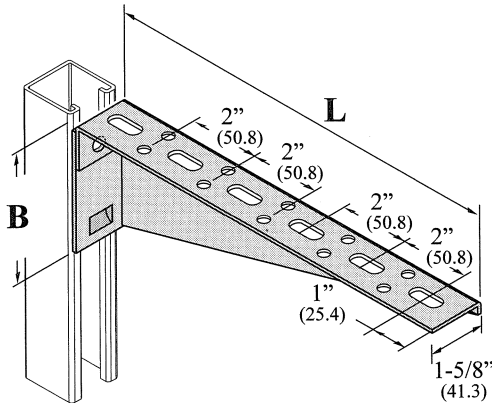
Part#	Dim "L"	Dim "B"	Wt. Ea.
VB-2106-SL-R/L	6" (152)	1-15/16" (49)	.69# (.31 kg)
VB-2108-SL-R/L	8" (203)	2-7/16" (62)	.92# (.42 kg)
VB-2110-SL-R/L	10" (254)	2-15/16" (75)	1.2# (.542 kg)

Uniform Load Rating:

300 # (136 kg) when mounted to VA-1 or VA-3

250 # (113 kg) when mounted to VA-2

Top holes are 9/32" (7.14) Dia.
Top slots are 13/32" (10.3) x 1" (25.4)
Bracket mounting hole is 7/16" (11.1) Dia.
Material thickness is 12 ga. (2.6)
RIGHT hand bracket illustrated.



Slotted Sheet Metal Brackets - 12" thru 22"

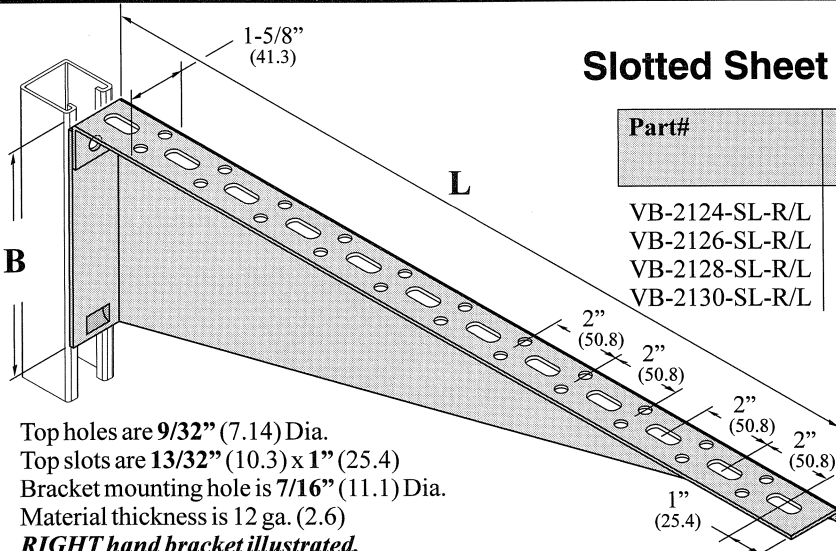
Part#	Dim "L"	Dim "B"	Wt. Ea.
VB-2112-SL-R/L	12" (305)	3-7/16" (87.2)	1.50# (.678 kg)
VB-2114-SL-R/L	14" (356)	3-15/16" (100)	1.75# (.791 kg)
VB-2116-SL-R/L	16" (406)	4-7/16" (113)	2.25# (1.02 kg)
VB-2118-SL-R/L	18" (457)	4-15/16" (126)	2.65# (1.19 kg)
VB-2120-SL-R/L	20" (508)	5-7/16" (138)	3.05# (1.37 kg)
VB-2122-SL-R/L	22" (559)	5-15/16" (151)	3.50# (1.58 kg)

Uniform Load Rating:

300 # (136 kg) when mounted to VA-1 or VA-3

250 # (113 kg) when mounted to VA-2

Top holes are 9/32" (7.14) Dia.
Top slots are 13/32" (10.3) x 1" (25.4)
Bracket mounting hole is 7/16" (11.1) Dia.
Material thickness is 12 ga. (2.6)
RIGHT hand bracket illustrated.



Slotted Sheet Metal Brackets - 24" thru 30"

Part#	Dim "L"	Dim "B"	Wt. Ea.
VB-2124-SL-R/L	24" (609)	6-7/16" (163)	4.0# (1.81 kg)
VB-2126-SL-R/L	26" (660)	6-15/16" (176)	4.5# (2.03 kg)
VB-2128-SL-R/L	28" (711)	7-7/16" (189)	5.0# (2.26 kg)
VB-2130-SL-R/L	30" (762)	7-15/16" (202)	5.5# (2.49 kg)

Uniform Load Rating:

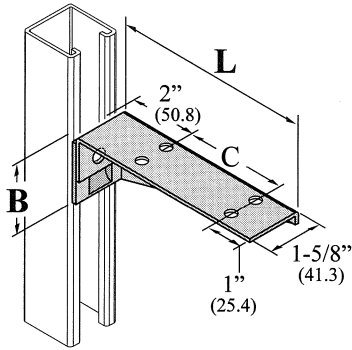
300 # (136 kg) when mounted to VA-1 or VA-3

250 # (113 kg) when mounted to VA-2

Top holes are 9/32" (7.14) Dia.
Top slots are 13/32" (10.3) x 1" (25.4)
Bracket mounting hole is 7/16" (11.1) Dia.
Material thickness is 12 ga. (2.6)
RIGHT hand bracket illustrated.

VERSABAR CORPORATION

STANDARD SHEET METAL BRACKETS

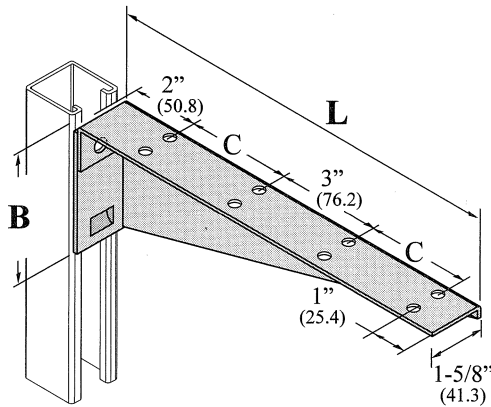


Standard Sheet Metal Brackets - 6" thru 10"

Part#	Dim "L"	Dim "B"	Dim "C"	Wt. Ea.
VB-2106-R/L	6" (152)	1-15/16" (49)	3" (76)	.69# (.31 kg)
VB-2108-R/L	8" (203)	2-7/16" (62)	5" (127)	.92# (.42 kg)
VB-2110-R/L	10" (254)	2-15/16" (75)	7" (178)	1.2# (.542 kg)

Top holes are 9/32" (7.14) Dia.
Bracket mounting hole is 7/16" (11.1) Dia.
Material thickness is 12 ga. (2.6)
RIGHT hand bracket illustrated.

Uniform Load Rating:
300 # (136 kg) when mounted to VA-1 or VA-3
250 # (113 kg) when mounted to VA-2

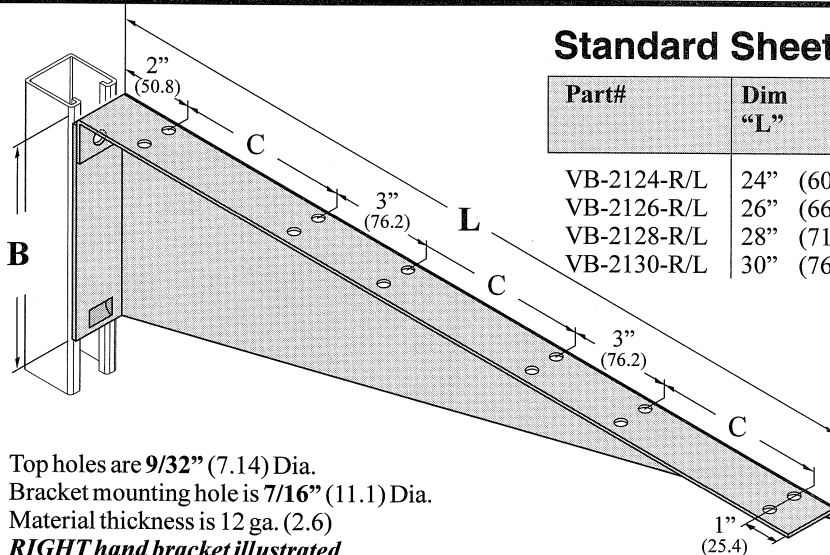


Standard Sheet Metal Brackets - 12" thru 22"

Part#	Dim "L"	Dim "B"	Dim "C"	Wt. Ea.
VB-2112-R/L	12" (305)	3-7/16" (82.7)	3" (76)	1.50# (.678 kg)
VB-2114-R/L	14" (356)	3-15/16" (100)	4" (102)	1.75# (.791 kg)
VB-2116-R/L	16" (406)	4-7/16" (113)	5" (127)	2.25# (1.02 kg)
VB-2118-R/L	18" (457)	4-15/16" (126)	6" (152)	2.65# (1.19 kg)
VB-2120-R/L	20" (508)	5-7/16" (138)	7" (178)	3.05# (1.37 kg)
VB-2122-R/L	22" (559)	5-15/16" (151)	8" (203)	3.50# (1.58 kg)

Top holes are 9/32" (7.14) Dia.
Bracket mounting hole is 7/16" (11.1) Dia.
Material thickness is 12 ga. (2.6)
RIGHT hand bracket illustrated.

Uniform Load Rating:
300 # (136 kg) when mounted to VA-1 or VA-3
250 # (113 kg) when mounted to VA-2



Standard Sheet Metal Brackets - 24" thru 30"

Part#	Dim "L"	Dim "B"	Dim "C"	Wt. Ea.
VB-2124-R/L	24" (609)	6-7/16" (163)	5" (127)	4.0# (1.81 kg)
VB-2126-R/L	26" (660)	6-15/16" (176)	5-21/32" (144)	4.5# (2.03 kg)
VB-2128-R/L	28" (711)	7-7/16" (189)	6-11/32" (161)	5.0# (2.26 kg)
VB-2130-R/L	30" (762)	7-15/16" (202)	7" (178)	5.5# (2.49 kg)

Top holes are 9/32" (7.14) Dia.
Bracket mounting hole is 7/16" (11.1) Dia.
Material thickness is 12 ga. (2.6)
RIGHT hand bracket illustrated.

Uniform Load Rating:
300 # (136 kg) when mounted to VA-1 or VA-3
250 # (113 kg) when mounted to VA-2



VERSABAR CORPORATION

BRACKETS & CABLE REEL SUPPORTS

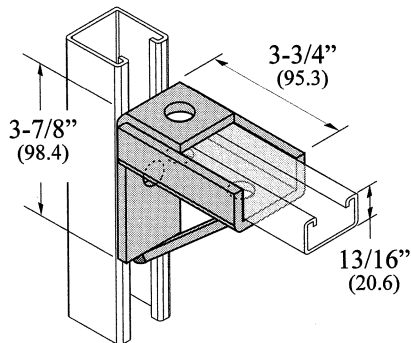
Standard Fitting Dimensions

Width:	1-5/8"	(41.3 mm)
Thickness:	1/4"	(6.3 mm)
Hole Diameter:	9/16"	(14.3 mm)
Hole Spacing On Center:	1-7/8"	(47.6 mm)
Hole Spacing From Ends:	13/16"	(20.6 mm)
Metrics in Parenthesis		
•Unless Otherwise Specified•		

VF-7301-4

Wt/ea 1.7 Lbs.
(.768 kg.)

Cantilever Support Bracket



Fits VA-4, VA-5 & VA-13 channels

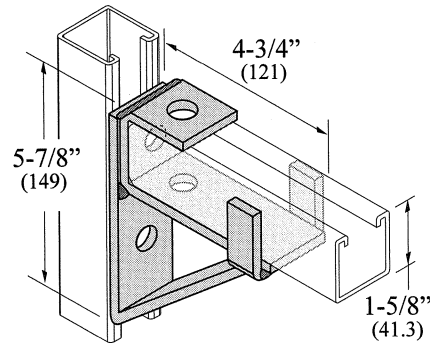
VF-7301

Wt/ea 2.25 Lbs.
(1.02 kg.)

Cantilever Support Bracket

Now Also Available For: VA-3

Part # **VF-7301-3**

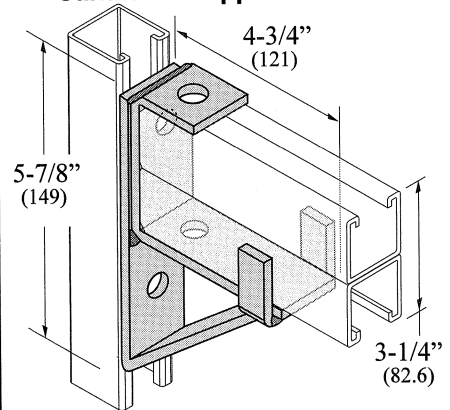


Fits VA-1 & VA-2 channels

VF-7301-B

Wt/ea 2.75 Lbs.
(1.24 kg.)

Cantilever Support Bracket

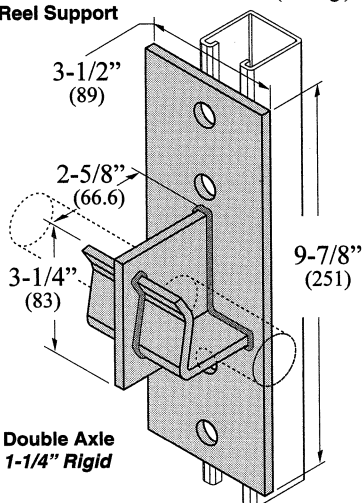


Fits VA-11, VA-1201, VA-2201

VF-7407

Cable Reel Support

Wt/ea 3.80 Lbs.
(1.73 kg.)

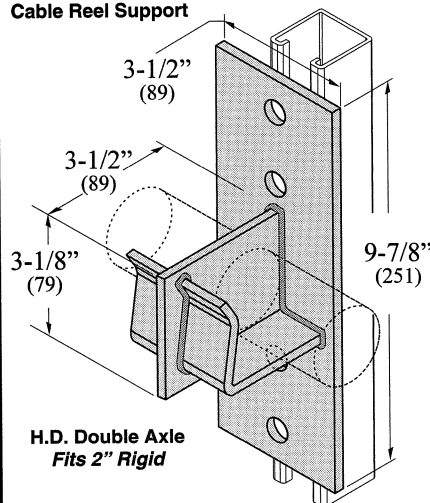


H.D. Double Axle
Fits 1-1/4" Rigid

VF-7408

Cable Reel Support

Wt/ea 4.05 Lbs.
(1.84 kg.)

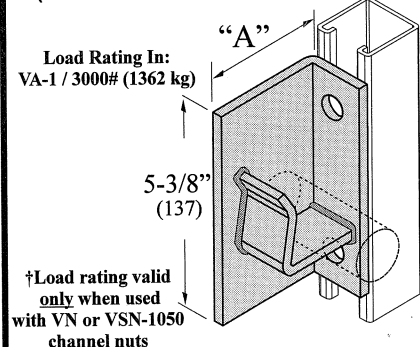


H.D. Double Axle
Fits 2" Rigid

VF-7207 & VF-7208

Cable Reel Supports / Single Sided / L & R (LEFT version shown, For RIGHT order -R)

Load Rating In:
VA-1 / 3000# (1362 kg)



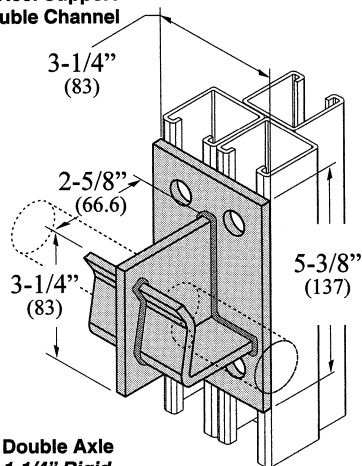
†Load rating valid
only when used
with VN or VSN-1050
channel nuts

Part #	Dim "A"	Axle (R Pipe)	Wgt. Ea.
VF-7207-R/L	3" (76)	1-1/4"	2.3# (1.04 kg)
VF-7208-R/L	3-5/8" (92)	2"	2.5# (1.13 kg)

VF-7307

Cable Reel Support For Double Channel

Wt/ea 2.57 Lbs.
(1.16 kg.)

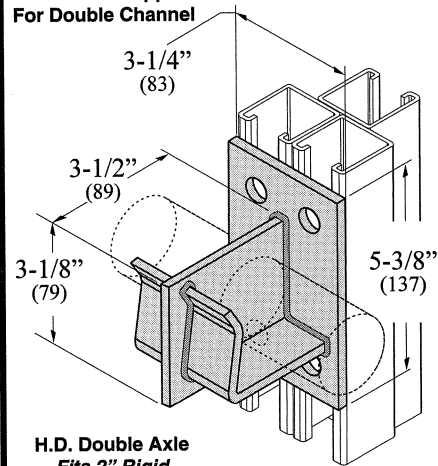


H.D. Double Axle
Fits 1-1/4" Rigid

VF-7308

Cable Reel Support For Double Channel

Wt/ea 2.99 Lbs.
(1.35 kg.)



H.D. Double Axle
Fits 2" Rigid

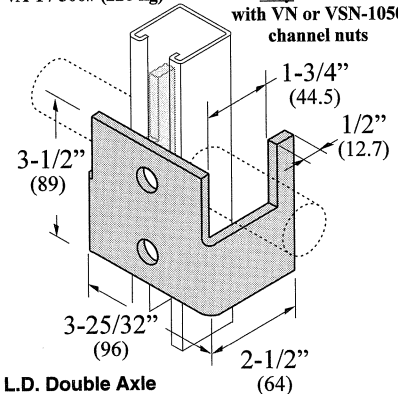
VF-7210

Cable Reel Support / Light Duty / Double Sided

Wt/ea 1.48 Lbs.
(.669 kg.)

Load Rating Per Axle In:
VA-1 / 500# (226 kg)

†Load rating valid
only when used
with VN or VSN-1050
channel nuts



L.D. Double Axle
Fits 1-1/4" Rigid