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Punched Products

**Stainless,
Aluminum,
Fiberglass,
Galvanized**

**Perforated Angle,
Channel, Flat Bar for
support of Cable and
Instrument Tubing.**

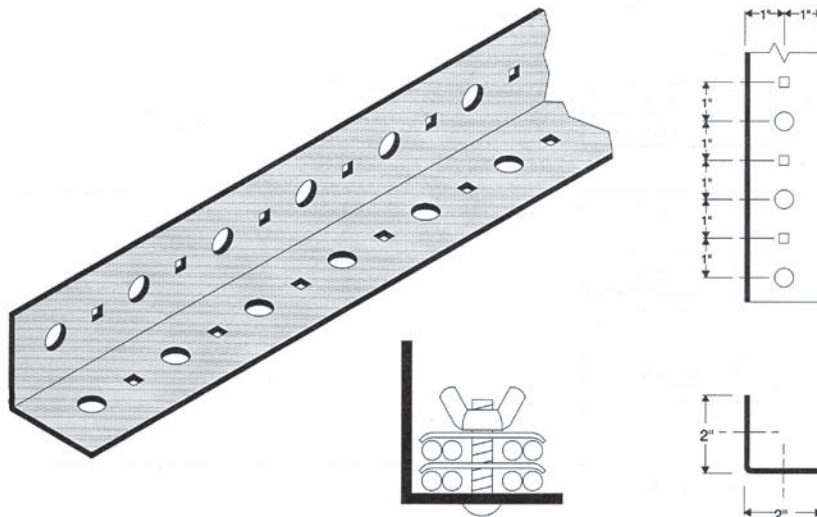




Punched Angle: A pre-engineered protective support system for:

Single Tube • Multi-Tube • Electronic Cable

Round hole for 1/2" bolts.
Square hole for 1/4" carriage
bolt or machine screw.



Lengths: 10 ft. & 20 ft.

(Option - Available punched on one leg only.)

Size	Material	Part Number
2" X 2" X 1/8"	6063-T6 Aluminum	A200A200
2" X 2" X 1/8"	H.D.G.A.F Steel	HG200A200
2" X 2" X 12, 14, 16 ga.	304 Stainless Steel	SS200A200-(*)4
2" X 2" X 12, 14, 16 ga.	316 Stainless Steel	SS200A200-(*)6
2" X 2" X 1/8"	Fiberglass	FG200A200
3" X 3" X 1/8"	6063-T6 Aluminum	A300A300
3" X 3" X 1/8"	H.D.G.A.F Steel	HG300A300
3" X 3" X 12, 14, 16 ga.	304 Stainless Steel	SS300A300-(*)4
3" X 3" X 12, 14, 16 ga.	316 Stainless Steel	SS300A300-(*)6
3" X 3" X 1/8"	Fiberglass	FG300A300

Note: Insert 2 For (*) For 12 Gauge
Insert 4 For (*) For 14 Gauge
Insert 6 For (*) For 16 Gauge

Complete Line of Fittings and Cable/Tubing Clamps are Available.



Angle Fittings:

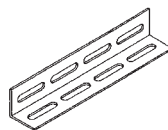
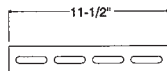
Note: H.D.G.A.F. - hot-dipped galvanized after fabrication steel

2"

Angle Connector

3"

Part #	Material
A200ACN	Aluminum
HG200ACN	H.D.G.A.F.
SS200ACN-4	T-304 S.S.
SS200ACN-6	T-316 S.S.



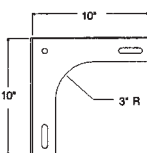
Part #	Material
A300ACN	Aluminum
HG300ACN	H.D.G.A.F.
SS300ACN-4	T-304 S.S.
SS300ACN-6	T-316 S.S.

2"

90° Angle Inside Elbow, 3" Radius, Horiz./Vert.

3"

Part #	Material
A200AIHE	Aluminum
HG200AIHE	H.D.G.A.F.
SS200AIHE-4	T-304 S.S.
SS200AIHE-6	T-316 S.S.



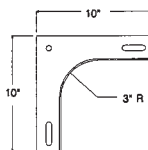
Part #	Material
A300AIHE	Aluminum
HG300AIHE	H.D.G.A.F.
SS300AIHE-4	T-304 S.S.
SS300AIHE-6	T-316 S.S.

2"

90° Angle Outside Elbow, 3" Radius, Horiz./Vert.

3"

Part #	Material
A200AOHE	Aluminum
HG200AOHE	H.D.G.A.F.
SS200AOHE-4	T-304 S.S.
SS200AOHE-6	T-316 S.S.



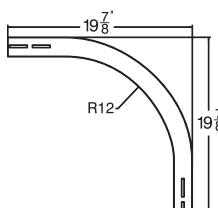
Part #	Material
A300AOHE	Aluminum
HG300AOHE	H.D.G.A.F.
SS300AOHE-4	T-304 S.S.
SS300AOHE-6	T-316 S.S.

2"

90° Angle Outside Elbow, 12" Radius, Horiz./Vert.

3"

Part #	Material
A200AOHE-12	Aluminum
HG200AOHE-12	H.D.G.A.F.
SS200AOHE-12-4	T-304 S.S.
SS200AOHE-12-6	T-316 S.S.



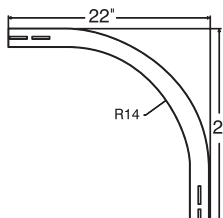
Part #	Material
A300AOHE-12	Aluminum
HG300AOHE-12	H.D.G.A.F.
SS300AOHE-12-4	T-304 S.S.
SS300AOHE-12-6	T-316 S.S.

2"

90° Angle Inside Elbow, 14" Radius, Horiz./Vert.

3"

Part #	Material
A200AIHE-14	Aluminum
HG200AIHE-14	H.D.G.A.F.
SS200AIHE-14-4	T-304 S.S.
SS200AIHE-14-6	T-316 S.S.



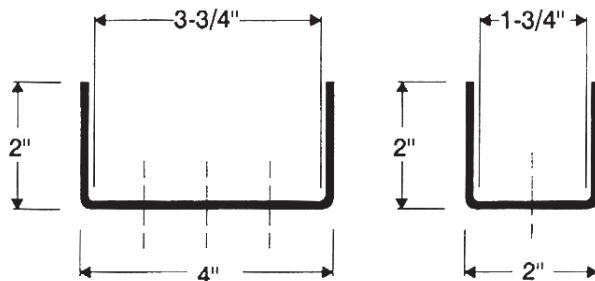
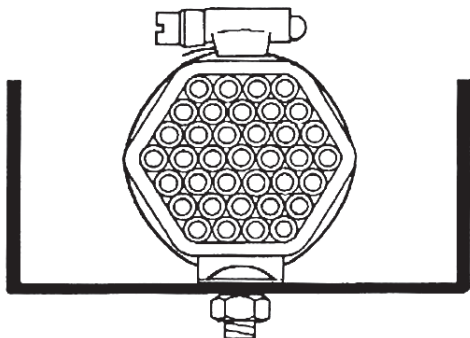
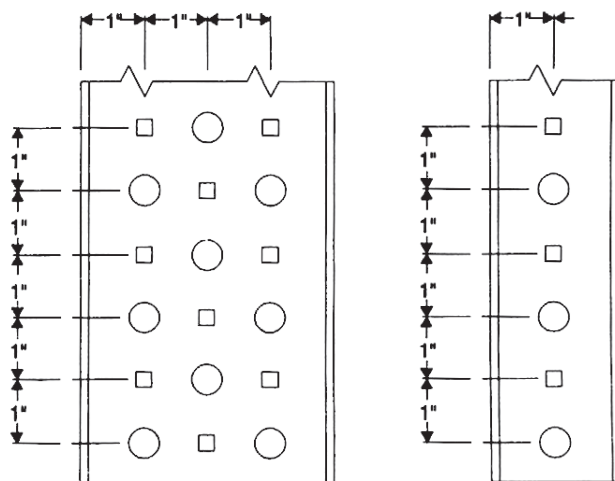
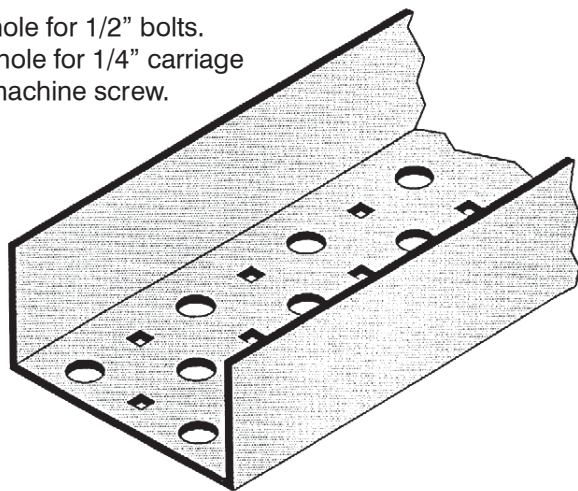
Part #	Material
A300AIHE-14	Aluminum
HG300AIHE-14	H.D.G.A.F.
SS300AIHE-14-4	T-304 S.S.
SS300AIHE-14-6	T-316 S.S.



Punched Channel 2" Flange

Aluminum • Galvanized • Stainless

Round hole for 1/2" bolts.
Square hole for 1/4" carriage
bolt or machine screw.



Lengths: 10 ft. & 20 ft.

Dimensions	Material	Part Number
2" X 2" X 1/8"	6063-T6 Aluminum	A200C200
2" X 2" X 12, 14 GA.	H.D.G.A.F STEEL	HG200C200-(*)
2" X 2" X 12, 14, 16 GA.	304 S. S.	SS200C200-(*)4
2" X 2" X 12, 14, 16 GA.	316 S. S.	SS200C200-(*)6
4" X 2" X 1/8"	6063-T6 Aluminum	A400C200
4" X 2" X 12, 14 GA.	H.D.G.A.F STEEL	HG400C200-(*)
4" X 2" X 12, 14, 16 GA.	304 S. S.	SS400C200-(*)4
4" X 2" X 12, 14, 16 GA.	316 S. S.	SS400C200-(*)6
6" X 2" X 1/8"	6063-T6 Aluminum	A600C200
6" X 2" X 12, 14 GA.	H.D.G.A.F STEEL	HG600C200-(*)
6" X 2" X 12, 14, 16 GA.	304 S. S.	SS600C200-(*)4
6" X 2" X 12, 14, 16 GA.	316 S. S.	SS600C200-(*)6

Note: Insert 2 For (*) For 12 Gauge
Insert 4 For (*) For 14 Gauge
Insert 6 For (*) For 16 Gauge

Example: SS400C200-66
Denotes: 4" Wide X 2" Deep X 16 GA. X 316 S.S. Channel

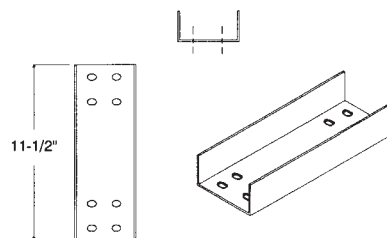


Fittings: For 2" Deep Channel

Note: H.D.G.A.F. - hot-dipped galvanized after fabrication steel

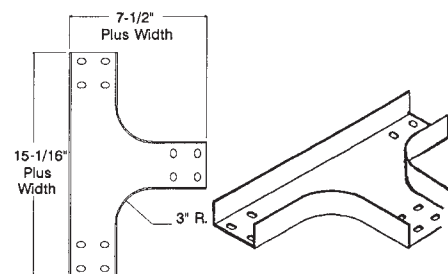
Channel Connector

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202CN	HG202CN	SS202CN
4"	A402CN	HG402CN	SS402CN
6"	A602CN	HG602CN	SS602CN



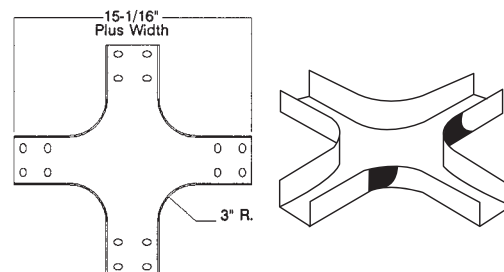
Channel Horizontal Tee - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202CHT	HG202CHT	SS202CHT
4"	A402CHT	HG402CHT	SS402CHT
6"	A602CHT	HG602CHT	SS602CHT



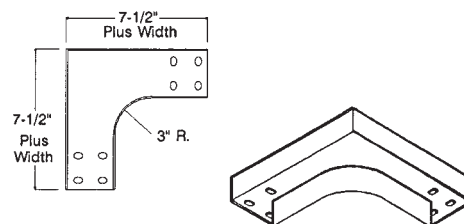
Channel Horizontal Cross - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202CHC	HG202CN	SS202CN
4"	A402CHC	HG402CN	SS402CN
6"	A602CHC	HG602CN	SS602CN



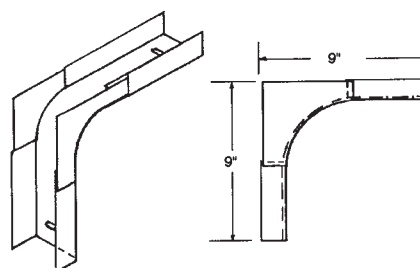
90° Channel Horizontal Elbow - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202CHE	HG202CHE	SS202CHE
4"	A402CHE	HG402CHE	SS402CHE
6"	A602CHE	HG602CHE	SS602CHE



90° Channel Outside Vertical Elbow - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202COVE	HG202COVE	SS202COVE
4"	A402COVE	HG402COVE	SS402COVE
6"	A602COVE	HG602COVE	SS602COVE



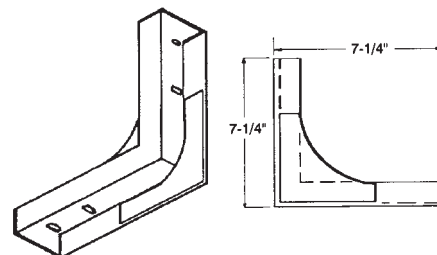


Fittings: For 2" Deep Channel

Note: All illustrations are for 4" wide channel

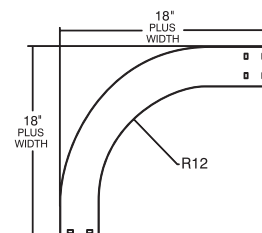
90° Channel Inside Vertical Elbow - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202CIVE	HG202CIVE	SS202CIVE
4"	A402CIVE	HG402CIVE	SS402CIVE
6"	A602CIVE	HG602CIVE	SS602CIVE



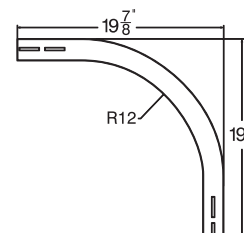
90° Channel Horizontal Elbow - 12" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202CHE-12	HG202CHE-12	SS202CHE-12-4
4"	A402CHE-12	HG402CHE-12	SS402CHE-12-4
6"	A602CHE-12	HG602CHE-12	SS602CHE-12-4



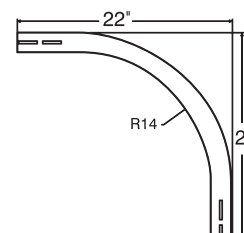
90° Channel Outside Vertical Elbow - 12" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202COVE-12	HG202COVE-12	SS202COVE-12-4
4"	A402COVE-12	HG402COVE-12	SS402COVE-12-4
6"	A602COVE-12	HG602COVE-12	SS602COVE-12-4



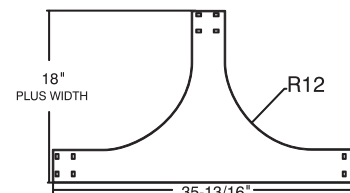
90° Channel Inside Vertical Elbow - 14" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202CIVE-14	HG202CIVE-14	SS202CIVE-14-4
4"	A402CIVE-14	HG402CIVE-14	SS402CIVE-14-4
6"	A602CIVE-14	HG602CIVE-14	SS602CIVE-14-4



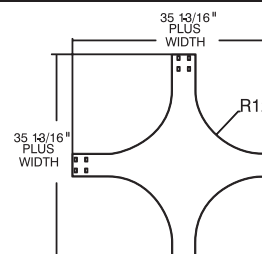
90° Channel Horizontal Tee - 12" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202CHT-12	HG202CHT-12	SS202CHT-12-4
4"	A402CHT-12	HG402CHT-12	SS402CHT-12-4
6"	A602CHT-12	HG602CHT-12	SS602CHT-12-4



90° Channel Horizontal Cross - 12" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
2"	A202CHC-12	HG202CHC-12	SS202CHC-12-4
4"	A402CHC-12	HG402CHC-12	SS402CHC-12-4
6"	A602CHC-12	HG602CHC-12	SS602CHC-12-4

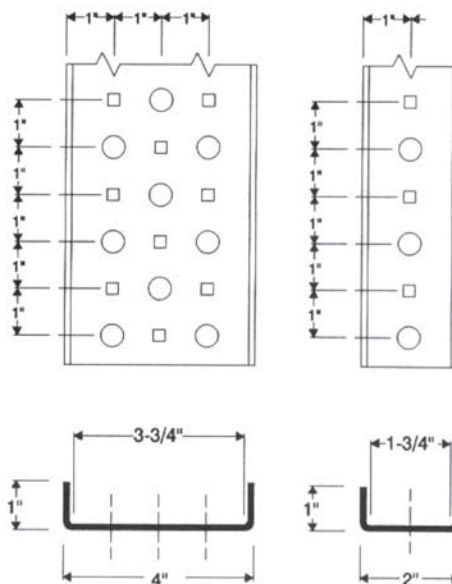
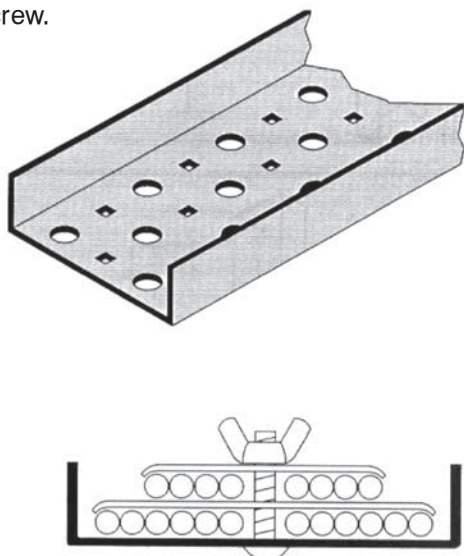




Punched Channel 1" Flange

Aluminum • Galvanized • Stainless

Round hole for 1/2" bolts.
Square hole for 1/4" carriage
bolt or machine screw.



Lengths: 10 ft. & 20 ft.

Dimensions	Material	Part Number
1" X 1" X 1/8" 1" X 1" X 12, 14 GA. 1" X 1" X 12, 14, 16 GA. 1" X 1" X 12, 14, 16 GA.	6063-T6 Aluminum H.D.G.A.F STEEL 304 S. S. 316 S. S.	A100C100 HG100C100-(*) SS100C100-(*)4 SS100C100-(*)6
1.5" X 1" X 1/8" 1.5" X 1" X 12, 14 GA. 1.5" X 1" X 12, 14, 16 GA. 1.5" X 1" X 12, 14, 16 GA.	6063-T6 Aluminum H.D.G.A.F STEEL 304 S. S. 316 S. S.	A150C100 HG150C100-(*) SS150C100-(*)4 SS150C100-(*)6
2" X 1" X 1/8" 2" X 1" X 12, 14 GA. 2" X 1" X 12, 14, 16 GA. 2" X 1" X 12, 14, 16 GA.	6063-T6 Aluminum H.D.G.A.F STEEL 304 S. S. 316 S. S.	A200C100 HG200C100-(*) SS200C100-(*)4 SS200C100-(*)6
4" X 1" X 1/8" 4" X 1" X 12, 14 GA. 4" X 1" X 12, 14, 16 GA. 4" X 1" X 12, 14, 16 GA.	6063-T6 Aluminum H.D.G.A.F STEEL 304 S. S. 316 S. S.	A400C100 HG400C100-(*) SS400C100-(*)4 SS400C100-(*)6
6" X 1" X 1/8" 6" X 1" X 12, 14 GA. 6" X 1" X 12, 14, 16 GA. 6" X 1" X 12, 14, 16 GA.	6063-T6 Aluminum H.D.G.A.F STEEL 304 S. S. 316 S. S.	A600C100 HG600C100-(*) SS600C100-(*)4 SS600C100-(*)6

Note: (*)- 2 Is For 12 Gauge
4 Is For 14 Gauge
6 Is For 16 Gauge

Example: SS400C100-66
Denotes: 4" Wide X 2" Deep X 16 GA. X 316 S.S. Channel

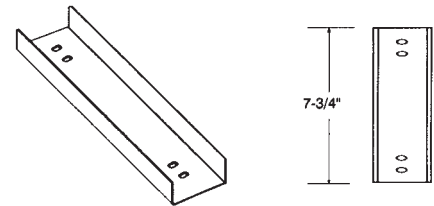


Fittings: For 1" Deep Channel

Note: All illustrations are 2" wide channel

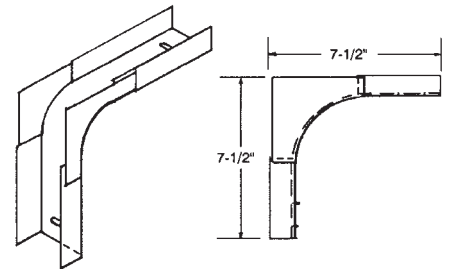
Channel Connector

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101CN	HG101CN	SS101CN
1-1/2"	A151CN	HG151CN	SS151CN
2"	A201CN	HG201CN	SS201CN
4"	A401CN	HG401CN	SS401CN
6"	A601CN	HG601CN	SS601CN



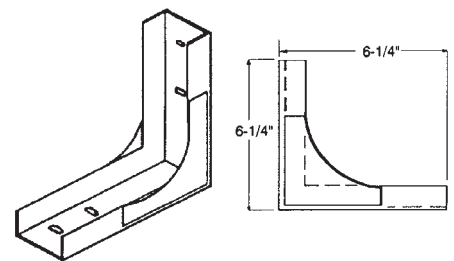
90° Channel Outside Vertical Elbow - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101COVE	HG101COVE	SS101COVE
1-1/2"	A151COVE	HG151COVE	SS151COVE
2"	A201COVE	HG201COVE	SS201COVE
4"	A401COVE	HG401COVE	SS401COVE
6"	A601COVE	HG601COVE	SS601COVE



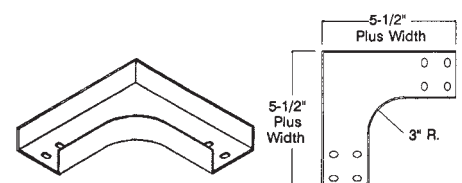
90° Channel Inside Vertical Elbow - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101CIVE	HG101CIVE	SS101CIVE
1-1/2"	A151CIVE	HG151CIVE	SS151CIVE
2"	A201CIVE	HG201CIVE	SS201CIVE
4"	A401CIVE	HG401CIVE	SS401CIVE
6"	A601CIVE	HG601CIVE	SS601CIVE



90° Channel Horizontal Elbow - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101CHE	HG101CHE	SS101CHE
1-1/2"	A151CHE	HG151CHE	SS151CHE
2"	A201CHE	HG201CHE	SS201CHE
4"	A401CHE	HG401CHE	SS401CHE
6"	A601CHE	HG601CHE	SS601CHE



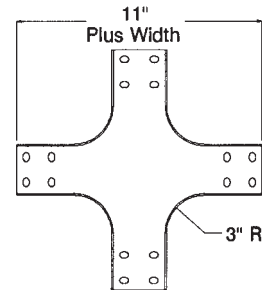


Fittings: For 1" Deep Channel

Note: All illustrations are 2" wide channel

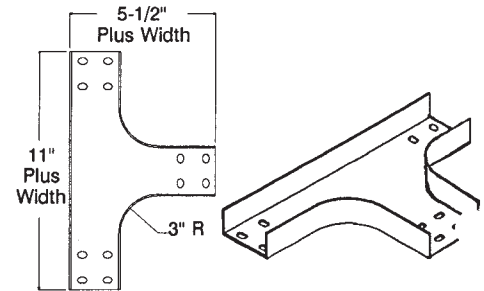
Channel Horizontal Cross - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101CHC	HG101CHC	SS101CHC
1-1/2"	A151CHC	HG151CHC	SS151CHC
2"	A201CHC	HG201CHC	SS201CHC
4"	A401CHC	HG401CHC	SS401CHC
6"	A601CHC	HG601CHC	SS601CHC



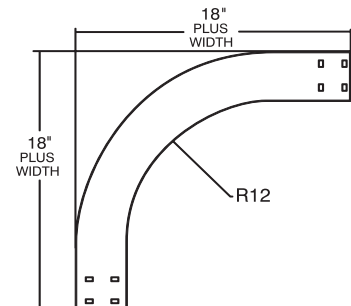
Channel Horizontal Tee - 3" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101CHT	HG101CHT	SS101CHT
1-1/2"	A151CHT	HG151CHT	SS151CHT
2"	A201CHT	HG201CHT	SS201CHT
4"	A401CHT	HG401CHT	SS401CHT
6"	A601CHT	HG601CHT	SS601CHT



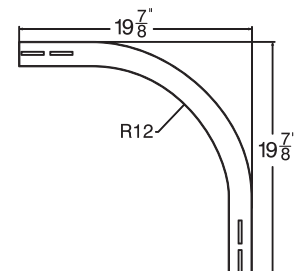
90° Channel Horizontal Elbow - 12" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101CHE-12	HG101CHE-12	SS101CHE-12-4
1-1/2"	A151CHE-12	HG151CHE-12	SS151CHE-12-4
2"	A201CHE-12	HG201CHE-12	SS201CHE-12-4
4"	A401CHE-12	HG401CHE-12	SS401CHE-12-4
6"	A601CHE-12	HG601CHE-12	SS601CHE-12-4



90° Channel Outside Vertical Elbow - 12" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101COVE-12	HG101COVE-12	SS101COVE-12-4
1-1/2"	A151COVE-12	HG151COVE-12	SS151COVE-12-4
2"	A201COVE-12	HG201COVE-12	SS201COVE-12-4
4"	A401COVE-12	HG401COVE-12	SS401COVE-12-4
6"	A601COVE-12	HG601COVE-12	SS601COVE-12-4



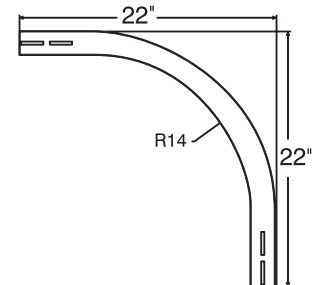


Fittings: For 1" Deep Channel

Note: All illustrations are 2" wide channel

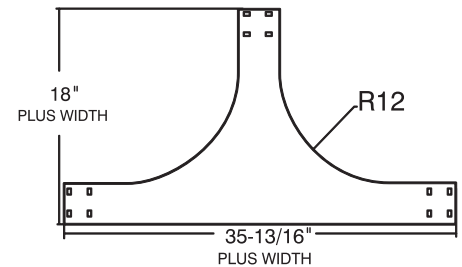
90° Channel Inside Vertical Elbow - 14" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101CIVE-14	HG101CIVE-14	SS101CIVE-14-4
1-1/2"	A151CIVE-14	HG151CIVE-14	SS151CIVE-14-4
2"	A201CIVE-14	HG201CIVE-14	SS201CIVE-14-4
4"	A401CIVE-14	HG401CIVE-14	SS401CIVE-14-4
6"	A601CIVE-14	HG601CIVE-14	SS601CIVE-14-4



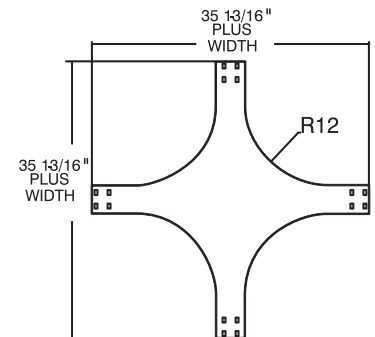
Channel Horizontal Tee - 12" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101CHT-12	HG101CHT-12	SS101CHT-12-4
1-1/2"	A151CHT-12	HG151CHT-12	SS151CHT-12-4
2"	A201CHT-12	HG201CHT-12	SS201CHT-12-4
4"	A401CHT-12	HG401CHT-12	SS401CHT-12-4
6"	A601CHT-12	HG601CHT-12	SS601CHT-12-4



Channel Horizontal Cross - 12" Radius

Channel Width	Aluminum	H.D.G.A.F	Stainless
1"	A101CHC-12	HG101CHC-12	SS101CHC-12-4
1-1/2"	A151CHC-12	HG151CHC-12	SS151CHC-12-4
2"	A201CHC-12	HG201CHC-12	SS201CHC-12-4
4"	A401CHC-12	HG401CHC-12	SS401CHC-12-4
6"	A601CHC-12	HG601CHC-12	SS601CHC-12-4

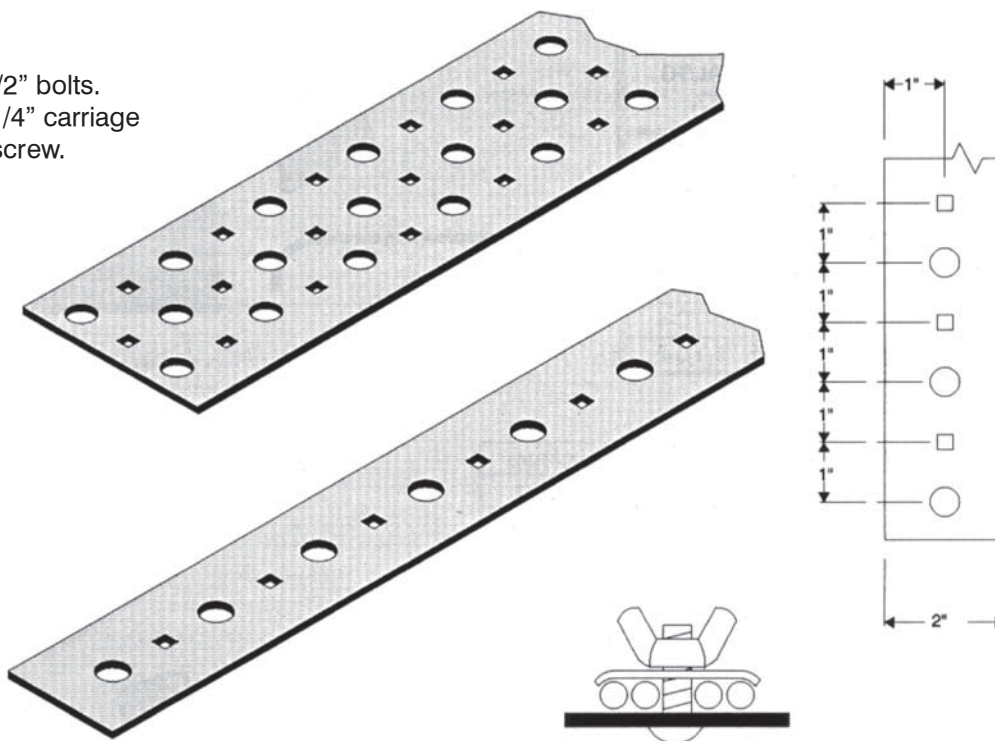




Flat Bar 2", 3", 4" & 6" widths

Aluminum • Galvanized • Stainless • Fiberglass

Round hole for 1/2" bolts.
Square hole for 1/4" carriage
bolt or machine screw.



Perforated Flat Bar

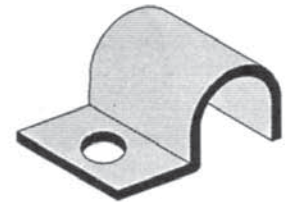
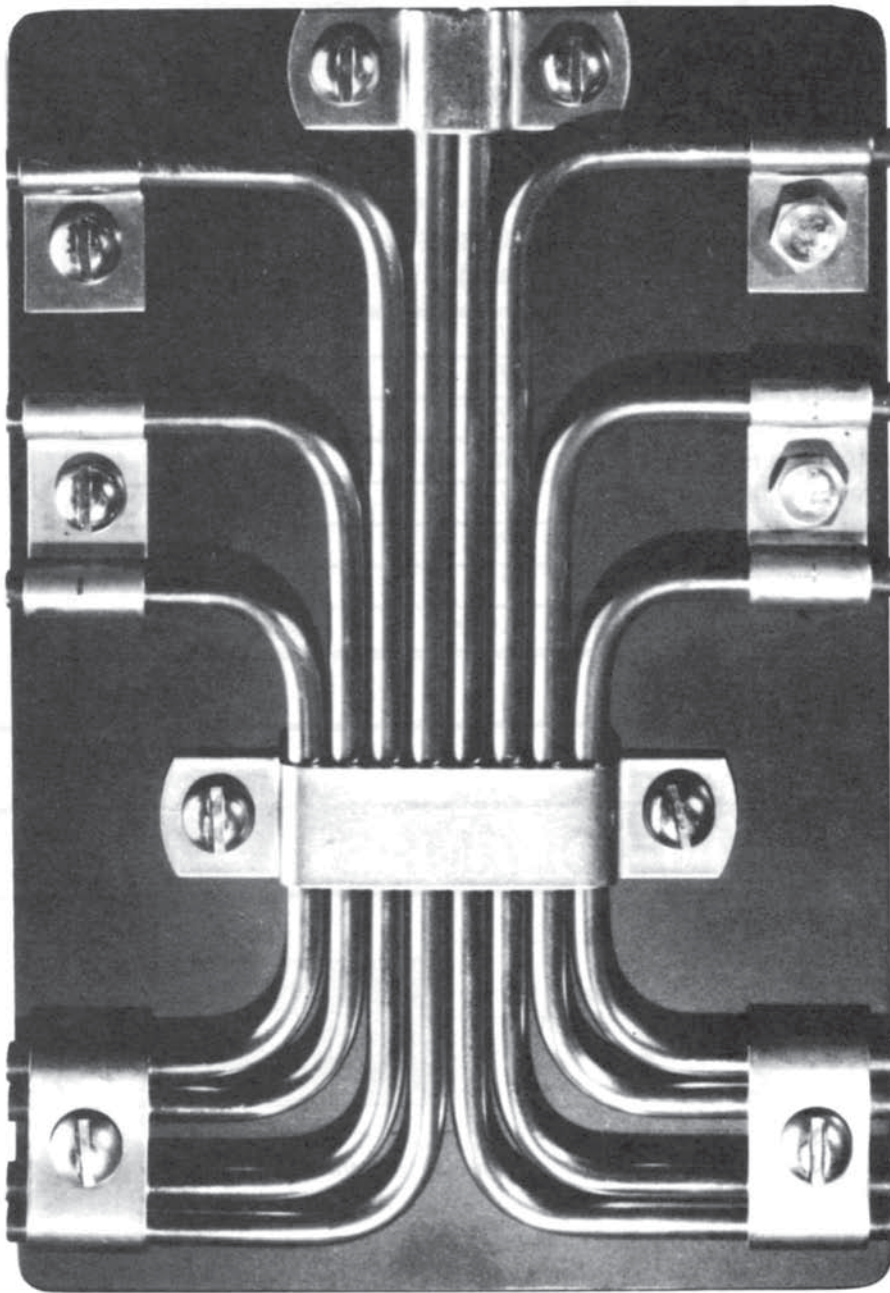
Dimensions	Material	Part Number
2" X 1/8 X 10'	6063-T6 Aluminum	A200FB
2" X 1/8 X 10'	H.D.G.A.F STEEL	HG200FB
2" X 12, 14, 16 GA. X 10'	304 S. S.	SS200FB-(*)4
2" X 12, 14, 16 GA. X 10'	316 S. S.	SS200FB-(*)6
2" X 1/8 X 10'	Fiberglass	FG200FB
3" X 1/8 X 10'	6063-T6 Aluminum	A300FB
3" X 1/8 X 10'	H.D.G.A.F STEEL	HG300FB
3" X 12, 14, 16 GA. X 10'	304 S. S.	SS300FB-(*)4
3" X 12, 14, 16 GA. X 10'	316 S. S.	SS300FB-(*)6
3" X 1/8 X 10'	Fiberglass	FG300FB
4" X 1/8 X 10'	6063-T6 Aluminum	A400FB
4" X 1/8 X 10'	H.D.G.A.F STEEL	HG400FB
4" X 12, 14, 16 GA. X 10'	304 S. S.	SS400FB-(*)4
4" X 12, 14, 16 GA. X 10'	316 S. S.	SS400FB-(*)6
4" X 1/8 X 10'	Fiberglass	FG400FB
6" X 1/8 X 10'	6063-T6 Aluminum	A600FB
6" X 1/8 X 10'	H.D.G.A.F STEEL	HG600FB
6" X 12, 14, 16 GA. X 10'	304 S. S.	SS600FB-(*)4
6" X 12, 14, 16 GA. X 10'	316 S. S.	SS600FB-(*)6
6" X 1/8 X 10'	Fiberglass	FG600FB

Note: Insert 2 For (*) For 12 Gauge
Insert 4 For (*) For 14 Gauge
Insert 6 For (*) For 16 Gauge

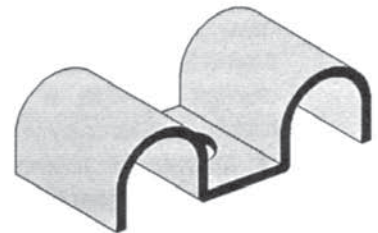
Example: HG400FB
Denotes: 4" Wide X 1/8" Hot Dipped Galvanized



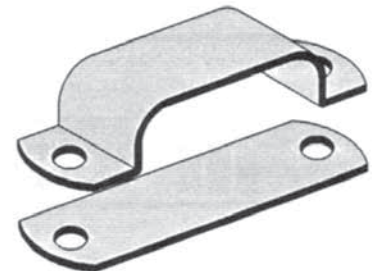
Instrument Tubing Clamps



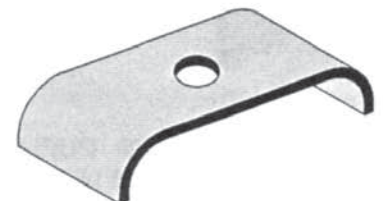
Single-Line Clamp



Duplex Clamp



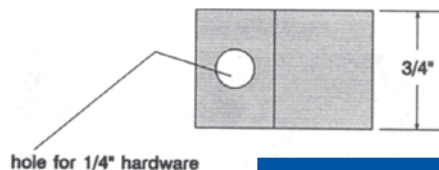
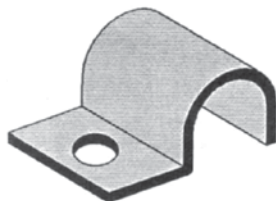
Gang Strap & Back Plate



Yoke Clamp



SINGLE LINE CLAMPS



hole for 1/4" hardware

Channel-Track **SINGLE LINE CLAMPS** are precision manufactured from 316SS. All edges have been mechanically deburred to protect tubing from any damage. These industry proven clamps provide a high strength, corrosion resistant means by which to secure single runs of instrument tubing in an orderly fashion.

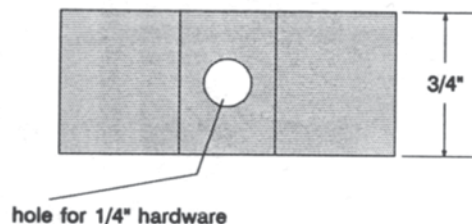
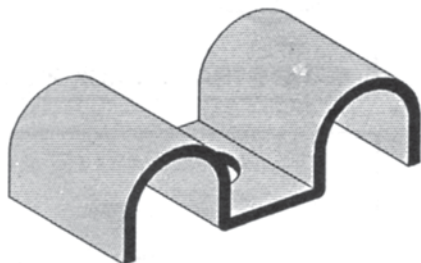
Packaged in quantities of 50 per bag.

Available upon request with #10 hole size

Tube Size (o.d.)	Catalog No.
1/4"	SCL-25-SS
3/8"	SCL-37-SS
1/2"	SCL-50-SS
5/8"	SCL-63-SS
3/4"	SCL-75-SS
7/8"	SCL-87-SS
1"	SCL-100-SS
1-1/4"	SCL-125-SS



DUPLEX LINE CLAMPS



hole for 1/4" hardware

Channel-Track **DUPLEX LINE CLAMPS** are constructed of high strength, temperature and corrosion resistant 316SS. These precision manufactured clamps offer an easy, positive clamping action that secures two evenly spaced instrument tubing lines simultaneously. All sharp edges have been mechanically deburred to eliminate any possible damage to coated tubing.

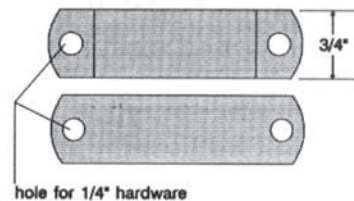
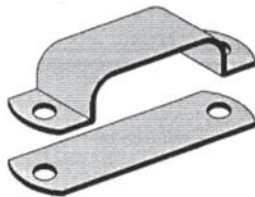
Packaged in quantities of 50 per bag.

Available upon request with #10 hole size

Tube Size (o.d.)	Catalog No.
1/4"	DCL-25-SS
3/8"	DCL-37-SS
1/2"	DCL-50-SS



GANG CLAMPS & BACK PLATES



Channel-Track **GANG CLAMPS** are precision engineered devices that gather together from two (2) to twenty (20) tubes. With their construction of 316SS, these clamps offer a versatile and efficient, high strength, corrosion resistant method of organizing multiple runs of tubing. They are mechanically deburred to eliminate any sharp edges which could be damaging to coated tubing.

Packaged in quantities of 25 per bag.

Available upon request with #10 hole size

Part No.: GCL-(**)-SS-(*)-BP

(**) = Tube Diameter

1/4" O.D. = (25)

3/8" O.D. = (37)

1/2" O.D. = (50)

(*) = Tube Capacity

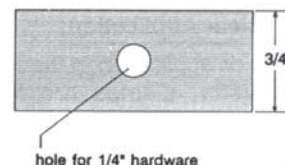
(2) Thur (20)

Example:

GCL-25-SS-2-BP



YOKE CLAMPS



Channel-Track **YOKE CLAMPS** are designed for use in our perforated angle and channel. These clamps offer a positive clamping action for one (1) to four (4) tubes abreast, and can be used for stacking multiple rows of tubing for optimum space efficiency. Used with a carriage bolt and wing nut assemble, they provide a fast easy installation. They are precision manufactured from 316SS for maximum corrosion resistance and strength.

Tube Size (o.d.)	Tube Capacity	Catalog No.
1/4"	1 or 2	SS-25-YC-2
1/4"	3 or 4	SS-25-YC-3
3/8"	1 or 2	SS-37-YC-2
3/8"	3 or 4	SS-37-YC-3
1/2"	1 or 2	SS-50-YC-2
1/2"	3 or 4	SS-50-YC-3
3/4"	1 or 2	SS-75-YC-2



Solid Stainless Steel Spacer Clamp Two Tube

TWO OR THREE DIRECTIONAL CLAMPS

DESCRIPTION:

These precision manufactured **SOLID STAINLESS SPACER CLAMPS** are designed to provide either two or three directional retention of two (2) tubes. The clamp for 3/16" o.d. to 1/2" o.d. tubes can be mounted in either 2" wide channel as manufactured by **Channel-Track & Tube-Way Industries**, or in 2" x 2" angle. The clamps for 5/8" o.d. and 3/4" tubes can be mounted in either 3", 4", or 6" channel manufactured by **Channel-Track & Tube-Way Industries**.

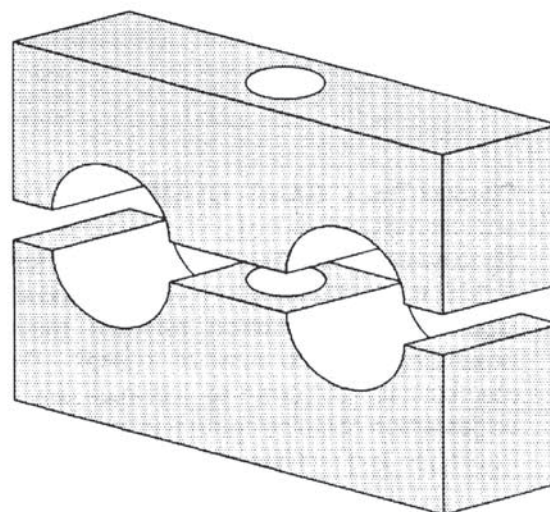
These clamps are designed to meet the requirements of the ASME boiler & Pressure Vessel Code, Section III Division 1, Subsection NF. Clamps can be supplied with *Certificate of Compliance* and/or Mill Test Reports.

NUCLEAR APPLICATION:

For application in the Nuclear Power Industry, clamps are manufactured under a strict Quality Assurance Program in compliance with Code of Federal Regulation, 10CFR50

All **SOLID SPACE CLAMPS** are standardly available in type 304 S.S. or 316 S.S.

Clamps are standardly available in sizes: 3/16, 1/4", 5/16", 3/8", 1/2", 5/8", 3/4", 7/8", and 1"; However, other sizes can be manufactured. Clamps can be produced in metric sizes on request. Consult factory for details.



Catalog No.	Tube O.D.	Mode of Clamping
SRC-2-19-2D	3/16"	Two Directional
SRC-2-25-2D	1/4"	Two Directional
SRC-2-31-2D	5/16"	Two Directional
SRC-2-38-2D	3/8"	Two Directional
SRC-2-50-2D	1/2"	Two Directional
SRC-2-63-2D	5/8"	Two Directional
SRC-2-75-2D	3/4"	Two Directional
SRC-2-88-2D	7/8"	Two Directional
SRC-2-100-2D	1"	Two Directional
SRC-2-19-3D	3/16"	Three Directional
SRC-2-25-3D	1/4"	Three Directional
SRC-2-31-3D	5/16"	Three Directional
SRC-2-38-3D	3/8"	Three Directional
SRC-2-50-3D	1/2"	Three Directional
SRC-2-63-3D	5/8"	Three Directional
SRC-2-75-3D	3/4"	Three Directional
SRC-2-88-3D	7/8"	Three Directional
SRC-2-100-3D	1"	Three Directional

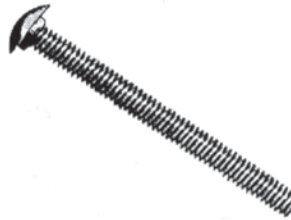


Clamping Devices

Nuts • Bolts • Washers • Spacer Clamps • Bundle Clamps

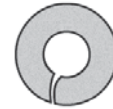
Carriage Bolt

Length	Zinc Plyt.	Stainless
1/2"	ZN25CB.50	SS25CB.50
3/4"	ZN25CB.75	SS25CB.75
1"	ZN25CB1.00	SS25CB1.00
1-1/4"	ZN25CB1.25	SS25CB1.25
1-1/2"	ZN25CB1.50	SS25CB1.50
2"	ZN25CB2.00	SS25CB2.00
2-1/2"	ZN25CB2.50	SS25CB2.50
3"	ZN25CB3.00	SS25CB3.00



Lock Washers

Size	Zinc Plyt.	Stainless
1/4" - 20	ZN25LW	SS25LW



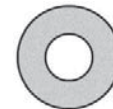
Hex Bolt

Length	Zinc Plyt.	Stainless
1/2"	ZN25HB.50	SS25HB.50
3/4"	ZN25HB.75	SS25HB.75
1"	ZN25HB1.00	SS25HB1.00
1-1/4"	ZN25HB1.25	SS25HB1.25
1-1/2"	ZN25HB1.50	SS25HB1.50
2"	ZN25HB2.00	SS25HB2.00
2-1/2"	ZN25HB2.50	SS25HB2.50
3"	ZN25HB3.00	SS25HB3.00



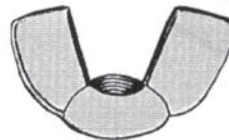
Flat Washers

Size	Zinc Plyt.	Stainless
1/4" - 20	ZN25LW	SS25LW



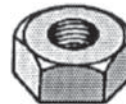
Wing Nut

Size	Zinc Plyt.	Stainless	Aluminum
1/4"-20	ZN25WN	SS25WN	A25WN



Hex Nut

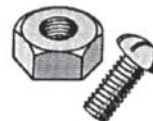
Size	Zinc Plyt.	Stainless	Aluminum
1/4"-20	ZN25HN	SS25HN	A25HN



Machine Screw & Hex Nut Assembly

Machine screws available in longer lengths

Size	Zinc Plyt.	Stainless
1/4"-20 x 1/2"L	BN-1-ZN	BN-1-ZN



Spacer Clamps

Two 1/4" O.D. Tubes	PL25SCL
Two 3/8" O.D. Tubes	PL37SCL
Two 1/2" O.D. Tubes	PL50SCL



Bundle Clamps

0 - 1.25"	SS1.25BLC
1.25" - 2.00"	SS2.00BLC
2.00" - 3.00"	SS3.00BLC
3.00" - 4.00"	SS4.00BLC
4.00" - 5.00"	SS5.00BLC
5.00" - 6.00"	SS6.00BLC





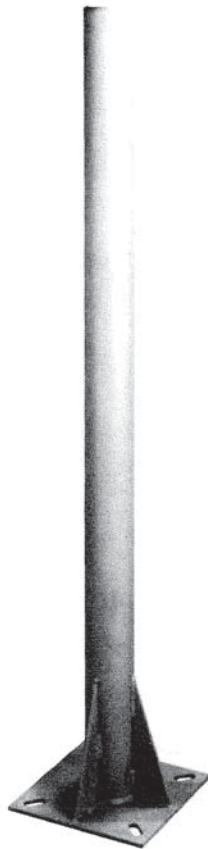
Instrument Stands

FLOOR MOUNT

Floor Mount Instrument Stands are offered for the mounting of instruments at grade level. Instrument Assemblies can be mounted directly on stands or utilize the "Cable" or "U-Bolt" Mount Assemblies.



FM-S52-HG-20



FM-S52-HG-30



FM-S52-HG-32

*Shown with optional gussets.

FM-S52-HG-20: Manufactured from 2" pipe, 52" long. Designed for supporting moderate size & weight instruments.

FM-S52-HG-30: Manufactured from 3" pipe, 52" long. Designed for supporting large heavy instruments.

FM-S52-HG-32: Manufactured from 3" pipe, 40" long. Designed to offer advantages of 3" pipe strength & 2" pipe convenience.

Note: For Stainless Steel stands substitute 'S4' (304 S.S.) & 'S6' (316 S.S.) for 'HG' in catalog number.



Instrument Stands

FLOOR MOUNT SPECIFICATIONS:

BASE:

10" x 10" x 1/4" base plate punched on each corner to accommodate 1/2" diameter mounting bolts.

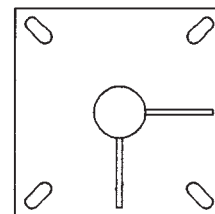
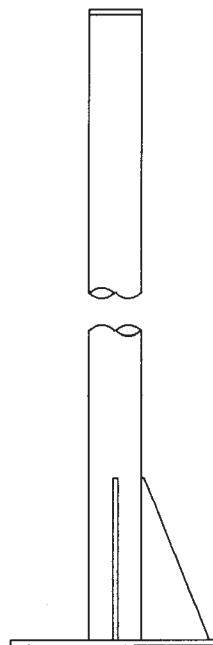
PIPE SECTIONS:

See drawing below. 2" & 3" schedule 40 pipe welded to base plate.

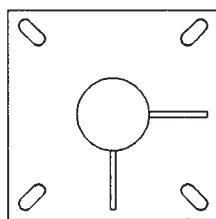
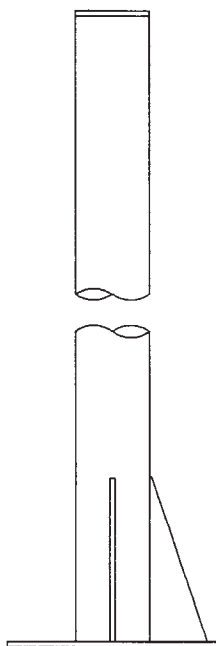
GENERAL SPECIFICATIONS:

Floor mount instrument stands consists of base and straight pipe sections. Hot-dipped galvanized after fabrication.

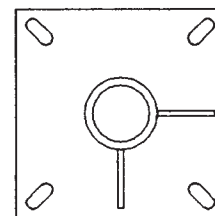
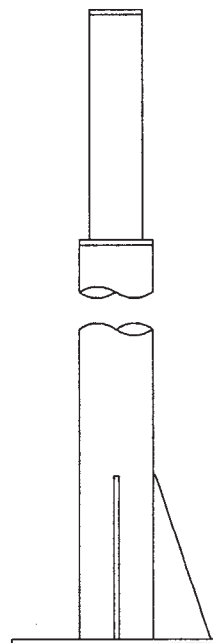
*Shown with optional gussets.



FMS-52-HG-20



FMS-52-HG-30



FMS-52-HG-32



Instrument Stands

Floor Mount

CATALOG NO.: FM-D52-HG-20

Double Upright Instrument Stand fabricated of 2" pipe for dual mounting of instruments at grade level

Note: For additional corrosion resistance, in 304 S.S. or 316 S.S. to so specify substitute "S4" or "S6" respectively for "HG" in catalog number

*Shown with optional gussets.



CATALOG NO.: FM-T52-HG-20

Triple Upright Instrument Stand fabricated of 2" pipe for triple mounting of instruments at grade level. Insert "S4" or "S6" for 304 S.S. or 316 S.S. respectively for "HG" in catalog number.



Instrument Stands

Floor Mount

SPECIFICATIONS:

BASE:

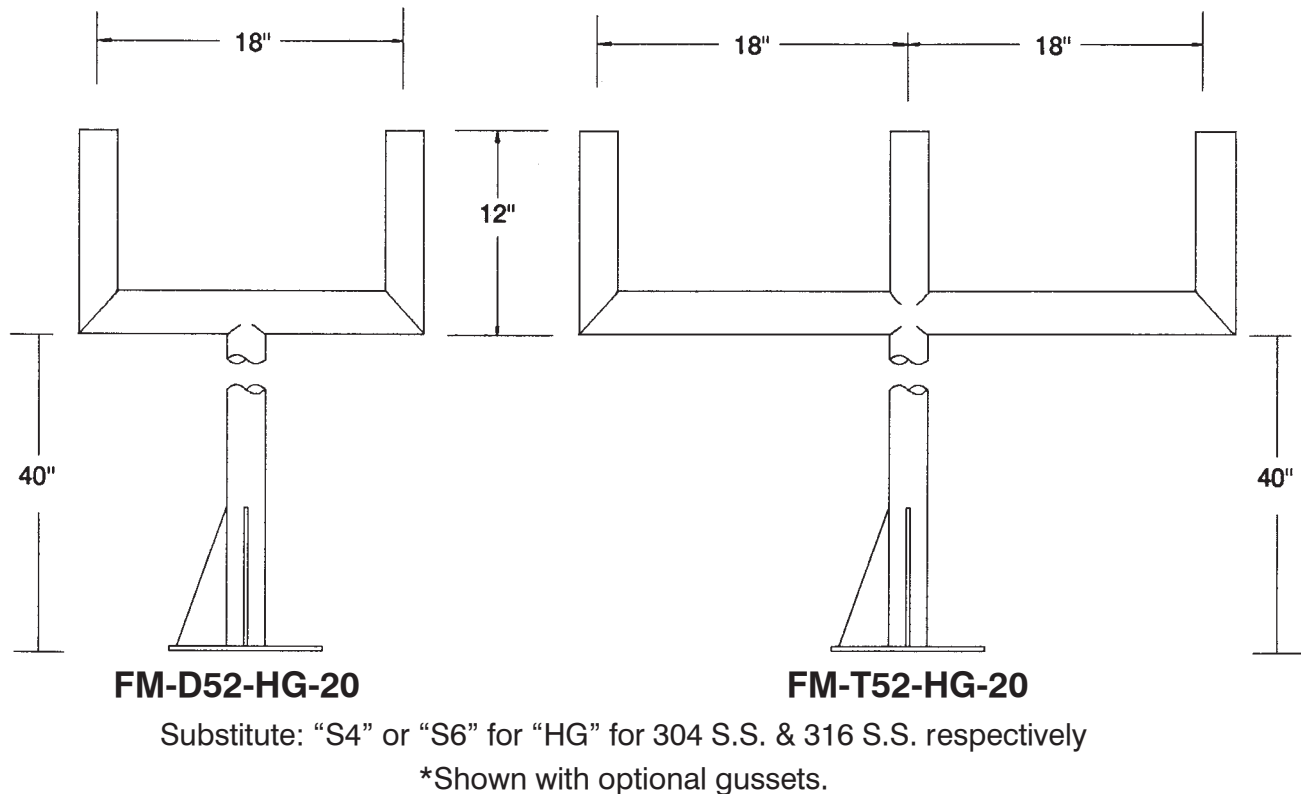
10" x 10" x 1/4" base plate punched on each corner to accommodate 1/2" diameter mounting bolts.

PIPE SECTIONS:

2" Schedule 40 pipe welded to base gussets.

GENERAL SPECIFICATIONS:

Pipe stands are hot-dipped galvanized after fabrication.





Instrument Stands

FLOOR MOUNT

CATALOG NO.: FM-Q52-HG-20

Quadruple upright instrument stand of 2" pipe for dual mounting of four (4) instruments at grade level

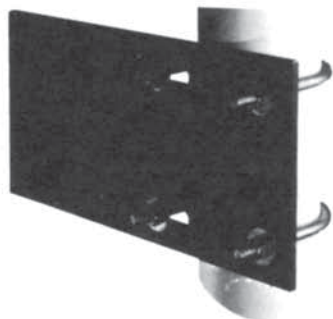
For additional corrosion protection, replace "HG" with "S4" or "S6" for 304 S.S. or 316 S.S. respectively.

*Shown with optional gussets.



U-BOLT FLAG

CATALOG NO.: UB-2FLG-HG

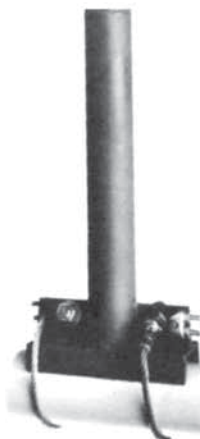


1/4" steel plate with 2" U-Bolt; designed for vertical or horizontal attachment to process line. Used for airsets & junction boxes. (Note: For 3" U-Bolt, use Catalog No.: UB-3FLG-HG.)

CABLE MOUNT

CATALOG NO.: CMX-PERP-HG-2

2" Pipe welded perpendicular to 3" structural channel. Cable mount for attachment to horizontal or vertical process line. "x" - denotes "Process Line Size". Specify "x".





Instrument Stands

SPECIFICATIONS:

BASE:

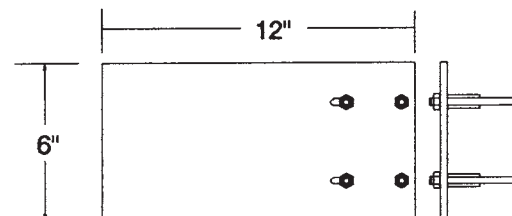
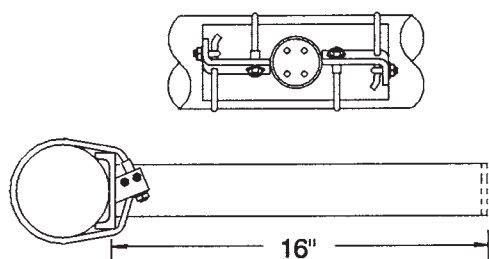
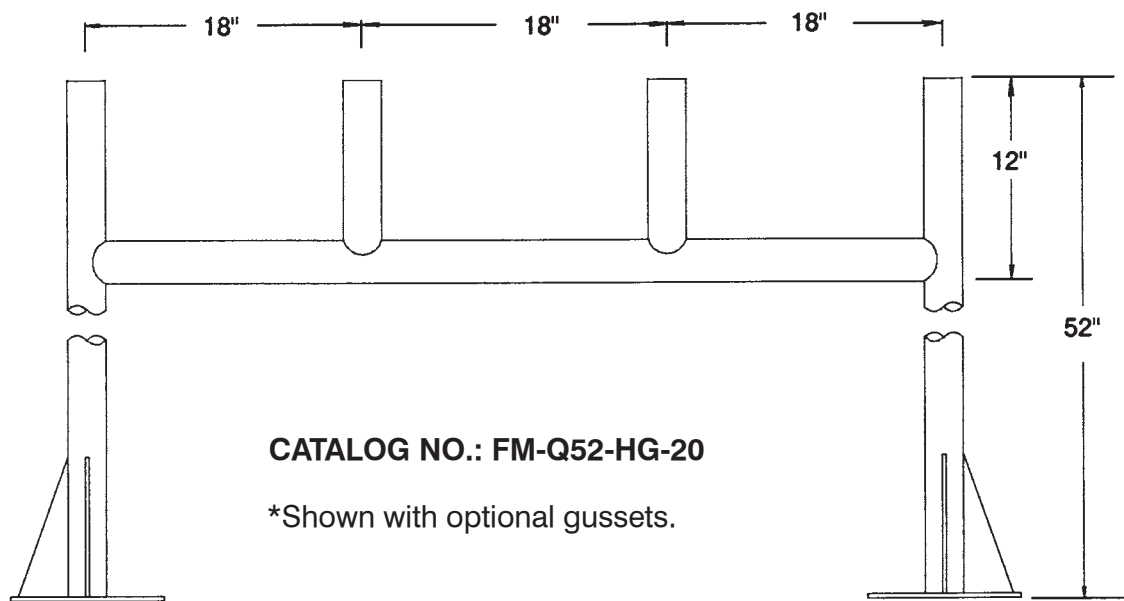
10" x 10" x 1/4" base plate punched on each corner to accommodate 1/2" diameter mounting bolts.

PIPE SECTIONS:

2" Schedule 40 pipe welded to base gussets.

GENERAL SPECIFICATIONS:

Pipe stands are hot-dipped galvanized after fabrication.



CATALOG NO.: UB-2FLG-HG
*FOR 3" PIPE: UB-3FLG-HG



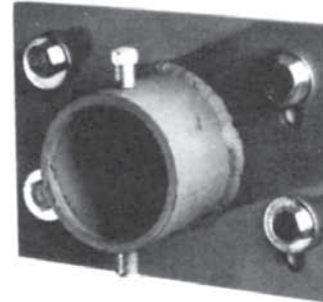
Instrument Stands

Wall Mount

Wall Mount Pipe Support uses a 1/4" thick base plate to bolt, weld, or clamp to a beam or a wall.

CATALOG NO.: WM-CPLG-HG-20

Base plate with 2" pipe coupling accommodates 2" NPT pipe extension for instrument attachment.



CATALOG NO.: WM-RAE-HG-20

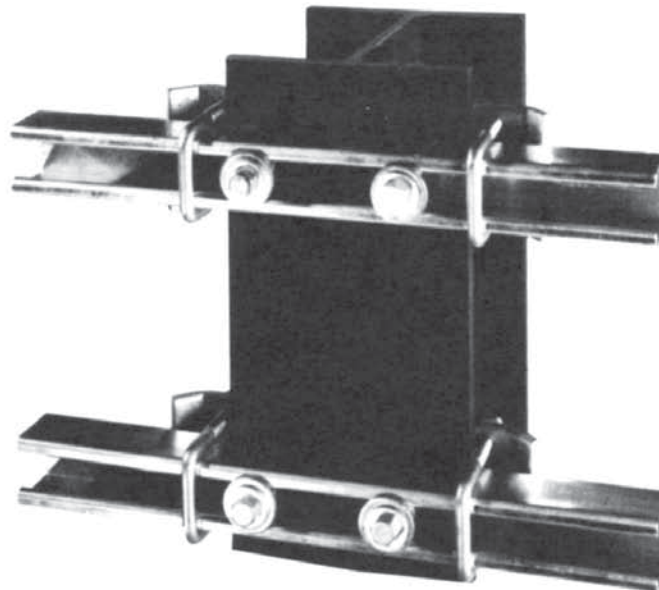
Consists of a base with vertical right angle elbow for vertical instrument mount.



WM-CPLG-HG-20 can bolt to WM-BMCL-HG below for attachment to structural beam.

CATALOG NO.: WM-BMCL-HG

"I" or "H" Beam Clamp consisting of two (2) MAXISTRUT 12 gauge strut channel & four (4) strut beam clamps. Channels are proper length for 3" thru 14" wide flange beams





Instrument Stands

Wall Mount

WALL MOUNT SPECIFICATIONS:

BASE:

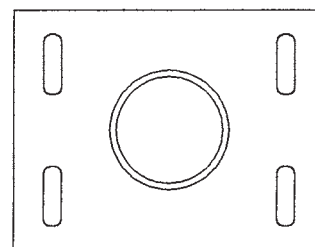
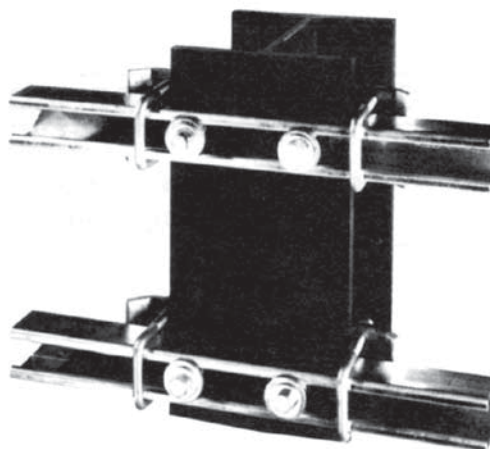
1/4" thick steel base plate manufactured with four (4) punched slots to accommodate 1/2" bolts for bolting to vertical or horizontal surface or clamping to a beam. As an alternate, base plate can be field welded.

BEAM CLAMP ASSEMBLY:

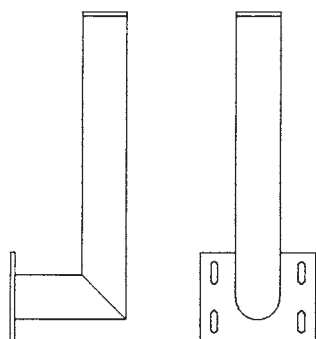
Model# WM-BMCL-HG. Fabricated of two (2) MAXISTRUT 12 ga. strut channels supplied with four (4) 3/8"-16 spring nuts for base plate attachment. Beam Clamps (4 ea.) are sized for channel & allow for attachment to 3" thru 14" "I" or "H" Beams. Beams Clamps furnished with 3/8"-16 U-Bolts for capturing 1/4" steel formed clamp plate.

GENERAL SPECIFICATION:

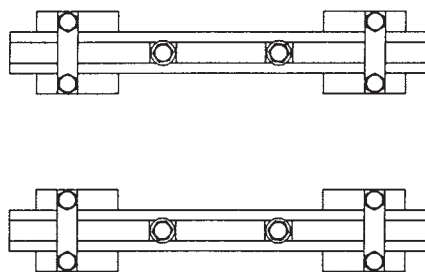
Fabricated assembly hot-dipped galvanized after fabrication. Pipe is 2" sch. 40. Base is 1/4" steel plate. Assembly available in either 304 5.5. or 316 5.5. and can be specified by replacing "HG" in catalog number with "S4" or "S6" respectively.



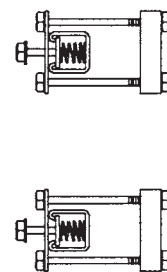
WM-CPLG-HG-20



WM-RAE-HG-20



WM-BMCL-HG



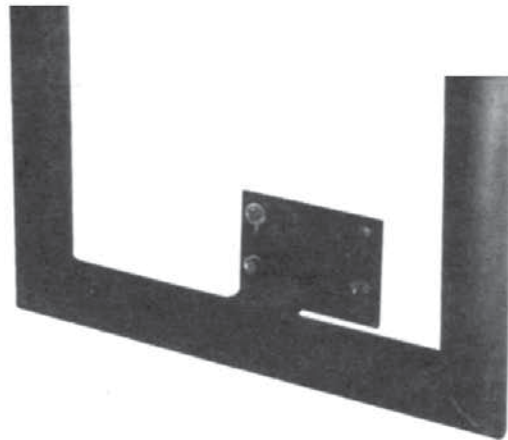


Instrument Stands

Wall Mount

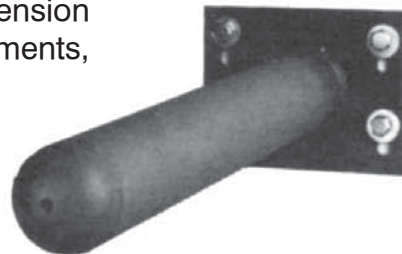
CATALOG NO.: WM-DBL-HG-20

Consists of base plate with two (2) vertical uprights for wall mounting of moderate size instruments.



CATALOG NO.: WM-SPERP-HG-16

Consists of a welded base plate with a single 2" pipe extension 16" long for perpendicular-to-wall field mount of instruments, junction, boxes, or air sets.



CATALOG NO.: THD-16NPL-HG-2

2" Schedule 40 threaded nipple with closed end for screwing into threaded coupling of wall mount, cable mount, or U-Bolt mount base. Hot-dipped galvanized. Substitute "S4" or "S6" for "HG" for 304 S.S. or 316 S.S. respectively.



Instrument Stands

Wall Mount

SPECIFICATIONS:

The wall mount unit is made up of a base plate welded to 2" schedule 40 pipe sections.

BASE:

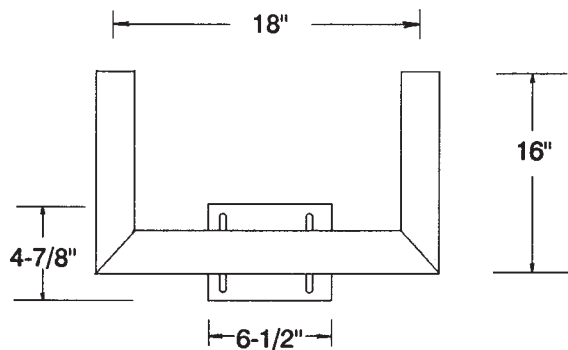
1/4" thick base plate punched with slotted holes for 1/4" bolts.

PIPE:

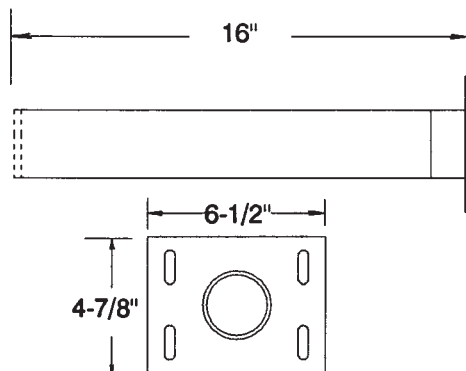
2" Schedule 40, length standard as shown in drawings below.

GENERAL SPECIFICATIONS:

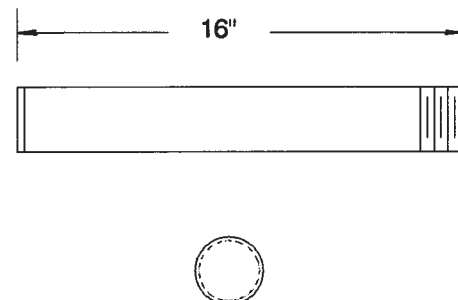
All instrument stands are standardly furnished hot-dipped galvanized after fabrication. For 304 S.S. or 316 S.S. replace "HG" in catalog number with "S4" or "S6" respectively.



WM-DBL-HG-20



WM-SPERP-HG-16



THD-16NPL-HG-2



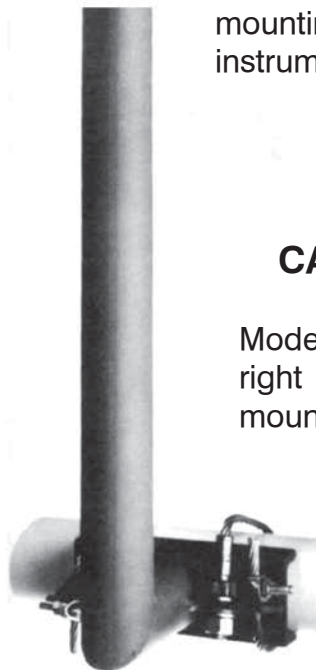
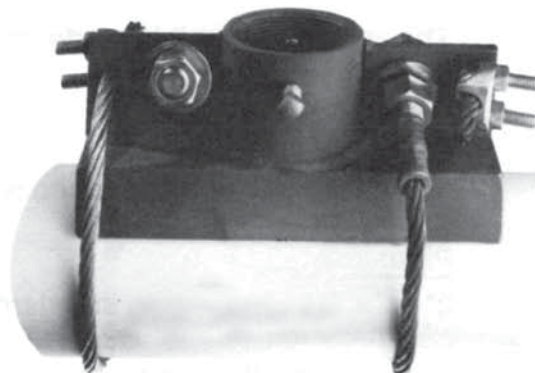
Instrument Stands

Cable Mount

CATALOG NO.: CMX-CPLG-HG-2*

Model CMX-CPLG consists of 2" FNPT threaded coupling to receive 2" threaded pipe extension for mounting or pipe supported instruments on horizontal or vertical process line. Insert line size for "x" in catalog number.

Model TP-16-HG-2 consists of 2" threaded pipe 16" long for mounting of pipe supported instruments (not shown).



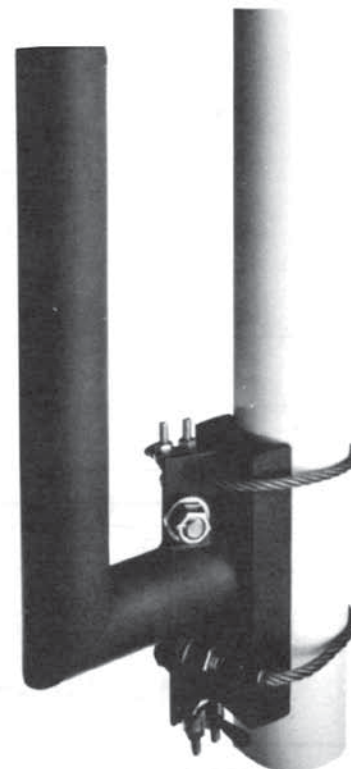
CATALOG NO.: CMX-RAEH-HG-2*

Model CMX-RAEH consists of 2" pipe vertical right angle elbow for horizontal process line mount.

CATALOG NO.: CMX-RAEV-HG-2*

Model CMX-RAEV consists of 2" pipe vertical right angle elbow for vertical process line mount.

*-"x" in catalog no. denotes process line size in inches; necessary for correct cable length.





Instrument Stands

Cable Mount

CABLE MOUNT SPECIFICATIONS:

The Cable Mount unit is made up of a base and cable assembly.

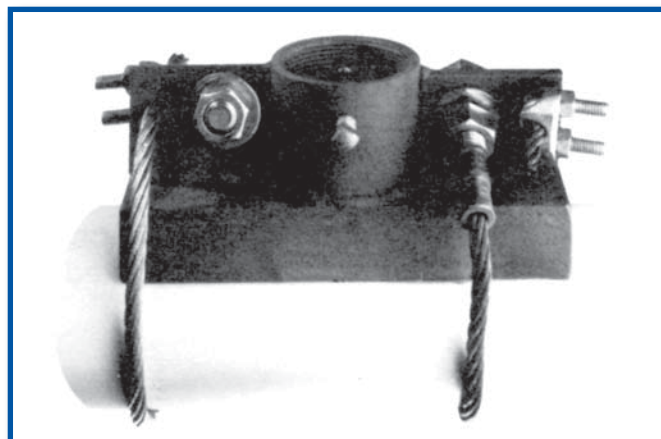
BASE:

The base consists of 3" structural steel channel with gripping edges for securing on the process line. 1/4" steel plates are welded to the base for attachment of cable assembly.

CABLE ASSEMBLY:

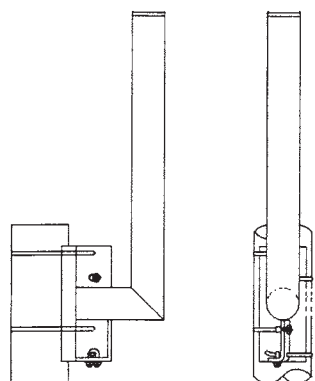
The cable assembly consists of two (2) 5/16" diameter galvanized cables of high tensile strength. One end of the cable is secured to the base assembly with a galvanized cable clamp which allows for coarse length adjustment to accommodate various pipe diameters. The opposite cable end has a 5/8" N.C. threaded connection. This end allows for the "fine" cable length adjustment via a 5/8"-11 zinc plated carbon steel hex nut. The nut is supplied with a set of cadmium plated carbon steel calibrated Belville Compression Washers.

For additional corrosion protection, the cable assembly can be supplied in type "300" series stainless steel. Consult factory for details.

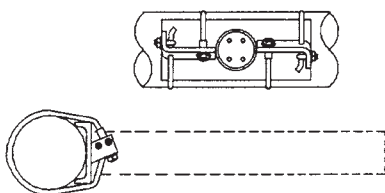


GENERAL SPECIFICATIONS:

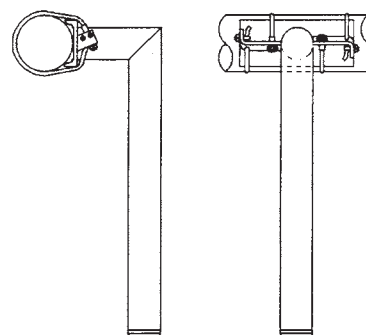
All carbon steel assemblies are hot-dipped galvanized after fabrication. All set screws are zinc plated. For additional corrosion protection, assembly is available in 304 S.S. & 316 S.S. To so designate, replace "HG" in the part no. with "S4" & "56", respectively.



CMX-RAEV-HG-2*



CMX-CPLG-HG-2



CMX-RAEH-HG-2

NOTE: "X" IN PART NO. DESIGNED PROCESS LINE SIZE.



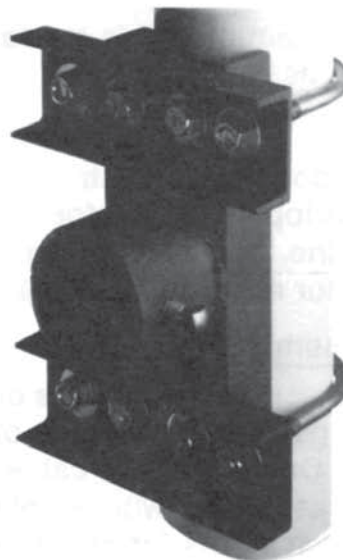
Instrument Stands

U-Bolt Mount

CATALOG NO.: UBX-CPLG-HG-2*

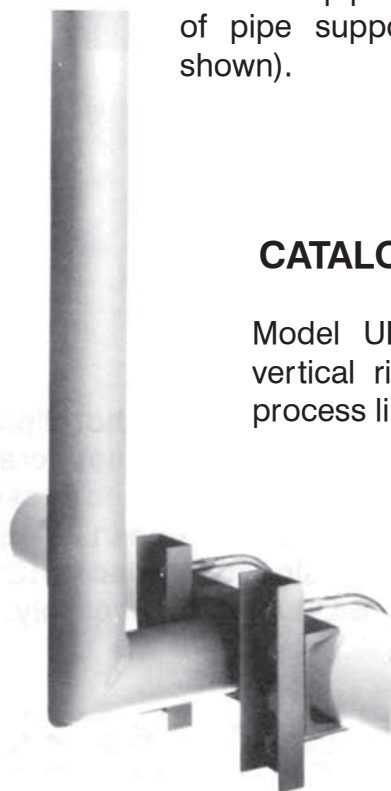
Model UBX-CPLG consists of 2" FNPT threaded coupling to receive 2" threaded pipe extension for mounting or pipe supported instruments on horizontal or vertical process line. Insert line size for "x" in catalog number.

Model TP-16-HG-2 consists of 2" threaded pipe 16" long for mounting of pipe supported instruments (not shown).



CATALOG NO.: UBX-RAEH-HG-2*

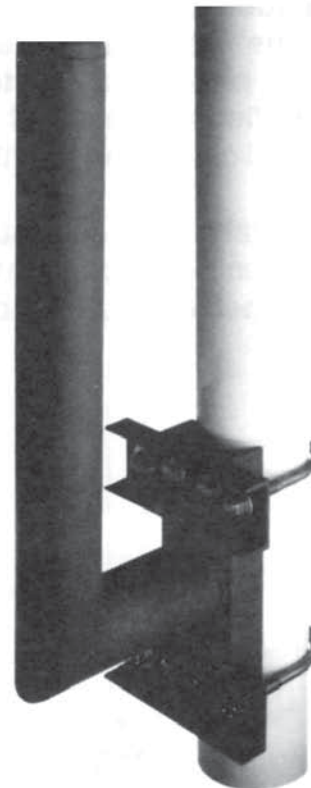
Model UBX-RAEH consists of 2" pipe vertical right angle elbow for horizontal process line mount.



CATALOG NO.: UBX-RAEV-HG-2*

Model UBX-RAEV consists of 2" pipe vertical right angle elbow for vertical process line mount.

*-"x" in catalog no. denotes process line size in inches; necessary for correct cable length.





Instrument Stands

U-Bolt Mount

SPECIFICATIONS:

The U-Bolt Mount unit is comprised of a base and U-Bolt assembly.

BASE - FOR PROCESS LINES

- 1"-2 -1/2": 1/4" plate punched with slots to receive 2" U-Bolts of proper size for process line.
- 3"- 6": 2" structural steel channel & two (2) cross channels for U-Bolt attachment.
- 8"- 18": 4" structural steel channel & two (2) 2" x 2" x 1/4" steel angles welded to provide gripping edges on specified process line.
- 20"- 36": 10" structural steel channel & two (2) 2" x 2" x 1/4" steel angle welded to provide gripping edges on specified process line.

U-BOLTS - FOR PROCESS LINES

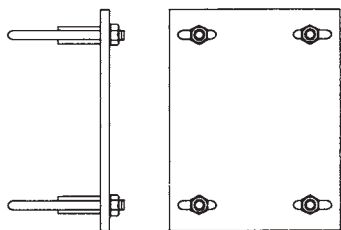
- 1"-1-1/2": 5/16" dia. U-Bolts (2). Steel, w/ hex nuts & washers.
- 2" - 2-1/2": 3/8" dia. U-Bolts (2). Steel, w/ hex nuts & washers.
- 3"-6": 1/2" dia. U-Bolts (2). Steel, w/ hex nuts & washers.
- 8": 1/2" dia. U-Bolt (1). Steel, w/ hex nut & washer.
- 10": 3/4" dia. U-Bolt (1). Steel, w/ hex nut & washer.
- 12"-16": 7/8" dia. U-Bolt(1). Steel, w/ hex nut & washer.
- 18"-36": 1" dia., U-Bolt (1). Steel, w/ hex nut & washer.

GENERAL SPECIFICATIONS:

All steel assemblies are hot-dipped galvanized after fabrication. All set screws are zinc plated. Stainless Steel is optionally available on all assemblies and is designated by substituting "SS" for "HG" in catalog number. Type 304 S.S. standard; 316 S.S. available as option.

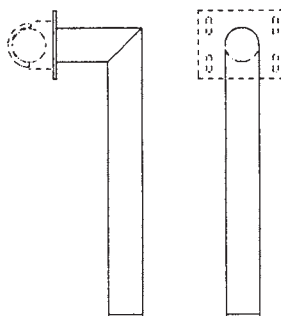
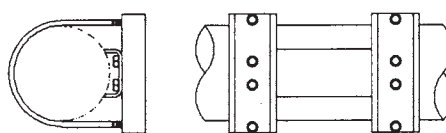
U-BOLT MOUNT:

1" - 2-1/2" Process Lines



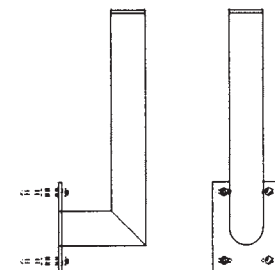
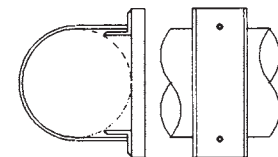
UBX-CPLG-HG

3" - 6" Process Lines



UBX-RAEH-HG

8" - 36" Process Lines



UBX-RAEV



Condensate Pots and Seal Chambers

Condensate Pots and Seal Chambers manufactured by **Channel-Track & Tube-Way Industries** are designed and fabricated in accordance with the Instrument Society of America Publication RP3.1 entitled "Flowmeter Installations Seal and Condensate Chambers". In accordance therewith:

USES OF CHAMBERS:

Condensate Chambers are used in the measurement of steam or other vapors which condense to the liquid state at the ambient temperature of the meter.

Seal chambers are used in the measurement of fluids which, due to their corrosive or viscous properties, are preferably prevented from entering the meter body.

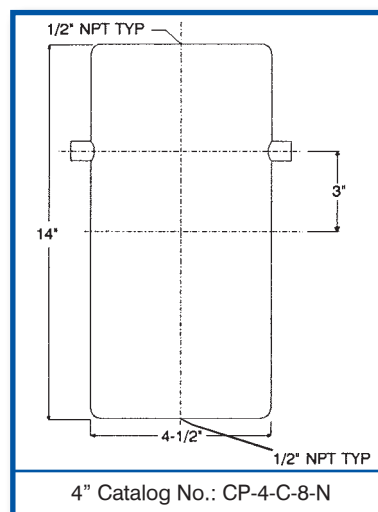
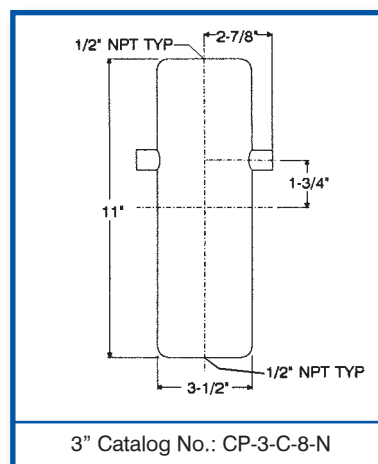
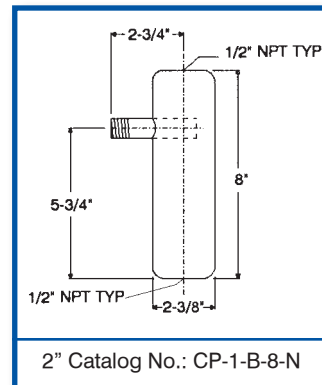
The chambers provide a large area of contact between the measured fluid and the condensate or seal liquid, minimizing errors due to unequal head of fluid in the two connecting lines to the meter.

CONSTRUCTION:

Channel-Track Seal Chambers/Condensate Pots are constructed in three ways; the primary design is to fabricate them of schedule 80 pipe which results in hemispherical ends formed from an intricate heating and spinning/forging manufacturing process. Each end of the vessel is forged with proper thickness to assure full thread engagement after tapping. Side taps are accomplished utilizing 3000 lb. couplings as standard, 6000 lb. couplings are available as an option. Each unit is rendered free of foreign materials resulting from fabrication; inasmuch as the interior is sandblasted following all manufacturing and preceding hydrostatic testing. The second method of construction is to machine and weld flat plates of proper thickness for threading to each end of the specified proper length and schedule pipe. The third method of construction is to weld ellipsoidal welding Caps with threaded couplings onto the ends of selected pipe. All of the foregoing methods are in accordance with; the code for pressure piping ASA 8-31.1, latest revision.

TESTING:

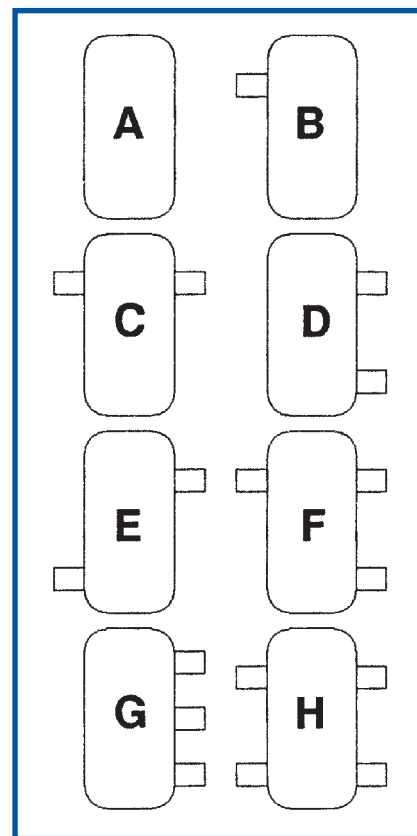
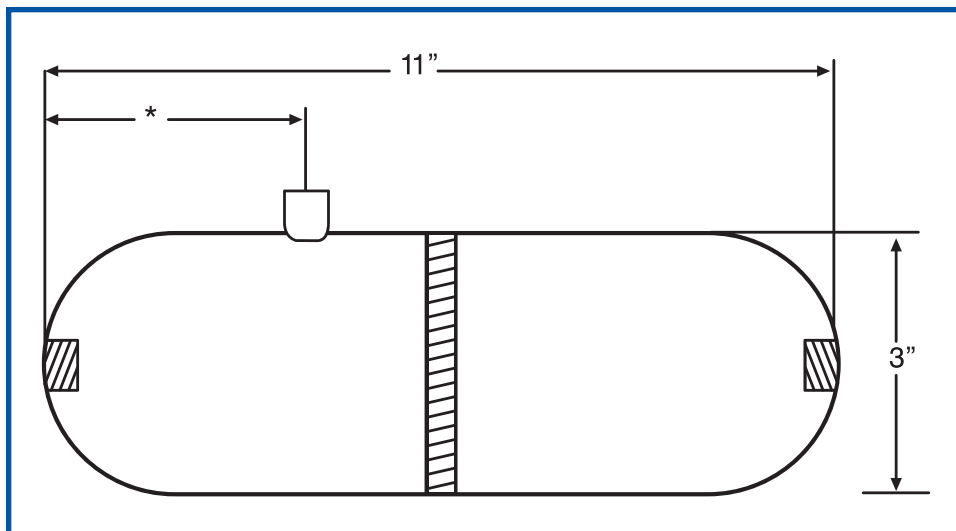
Channel Track seal pots are hydrostatically tested at 2500 psig at ambient temperature. Special dimensional, pressure rating, or pressure tap location can be furnished by Channel-Track & TubeWay Industries on request.





How To Order Channel Track Condensate Pots

*Note: Standard 1/2" NPT Threaded top and bottom



EXAMPLE:

PART NUMBER: CP-3-B-8-N

				MATERIAL
			PIPE	
		STYLE		
	SIZE			
CONDENSATE POT				

DESCRIPTION: CONDENSATE POT, 3" X 11",
SCHEDULE 80, CARBON STEEL WITH 1/2" NPT
CONNECTIONS TOP, BOTTOM AND ONE SIDE

SIZE

- 1 - 2" X 8"
- 2 - 3" X 5-1/2"
- 3 - 3" X 11"
- 4 - 4" X 14"
- 5 - 6" X 17"
- 6 - 6" X 17"
- 7 - OTHER

PIPE SCHEDULE

- 4 - SCHEDULE 40
- 8 - SCHEDULE 80
- 16 - SCHEDULE 160 XXH
- 0 - OTHER (SPECIFY)

MATERIAL TYPE

- N - CARBON STEEL
- A - 304 S.S.
- D - 316 S.S.
- X - OTHER (SPECIFY)

NOTES:

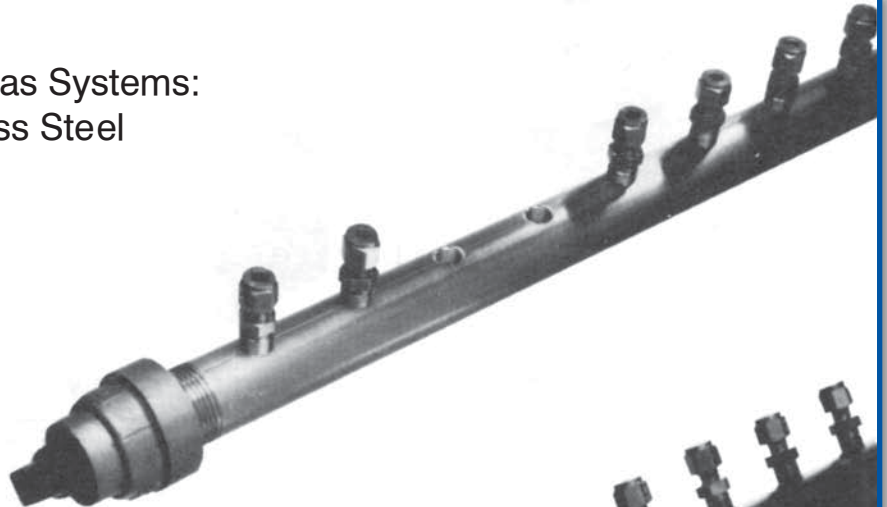
- 1.) 1/2 NPT 3000# CONNECTION STANDARD, (6000# OPTIONAL)
- 2.) HYDROTESTED TO 2500 PS.I.G. @ AMBIENT TEMPERATURE
- 3.) ALL UNITS PER I.S.A RP3.1 STANDARD
- 4.) AL CARBON STEEL POTS ARE A.S.T.M. - A106-GR. B SMLS PIPE
- 5.) ALL CONNECTIONS FURNISHED WITH PLASTIC PLUGS
- 6.) OTHER SIZES, MATERIALS AND STYLES AVAILABLE
- 7.) DESIGN SUBJECT TO CHANGE WITHOUT NOTICE



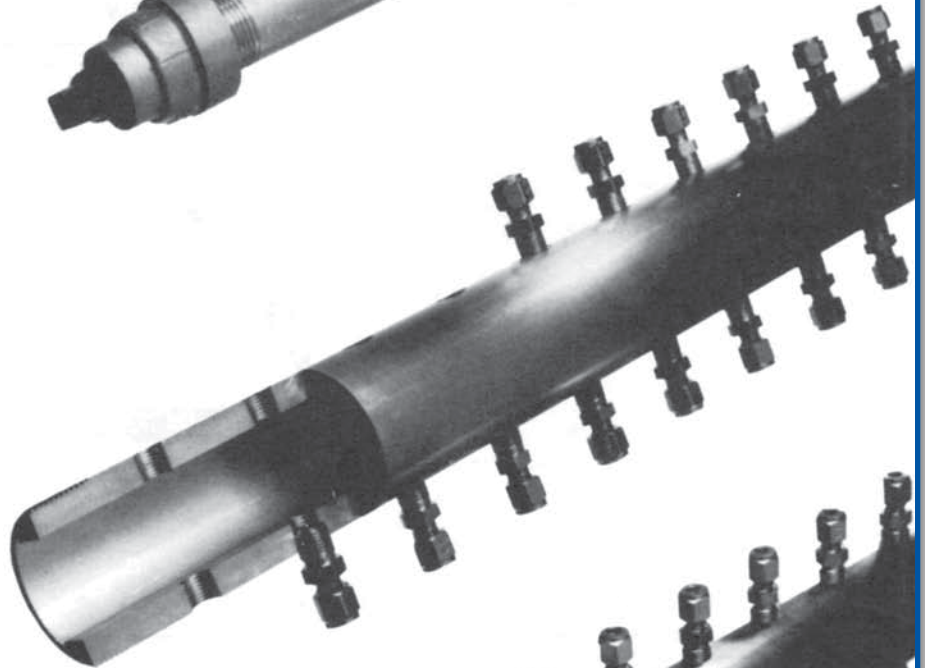
Instrument Air Headers

Manifolds for Air, Liquid & Gas Systems:
Aluminum • Brass • Stainless Steel

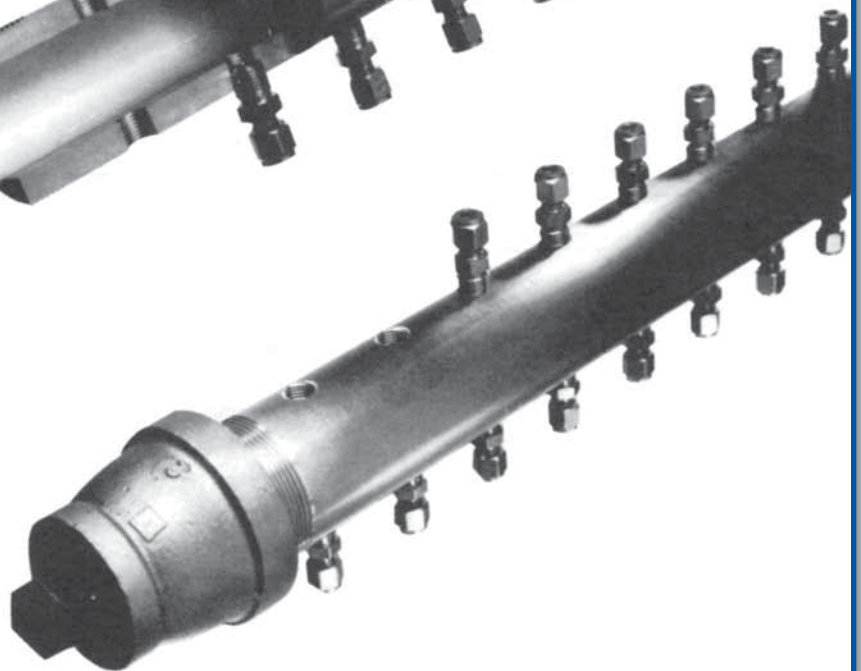
One (1) Inch
Tapped One or Both Sides



Two (2) Inch
Tapped Both Sides
Cut-Away



Two (2) Inch
Tapped Both Sides





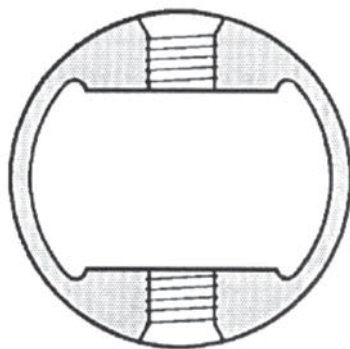
Maxi-Headers

Manifolds for Air, Liquid and Gas Systems

MAXI-HEADERS originate from a specially designed aluminum extrusion which allows for full, accurate and secure taps. They are offered in 1" & 2" IPS schedule 40 sizes with lengths up to 20 ft. The tap arrangement is according to customer specifications. Pipe thread end connections are available for one or both ends or may be omitted altogether.

In addition to a neat appearance free of pipe scale, solder lumps or weld flux, the **MAXI-HEADER** offers a clean, smooth interior for fluid flow. The simplicity of the design makes for easy maintenance.

We also offer the header material untapped in 20 ft. lengths.



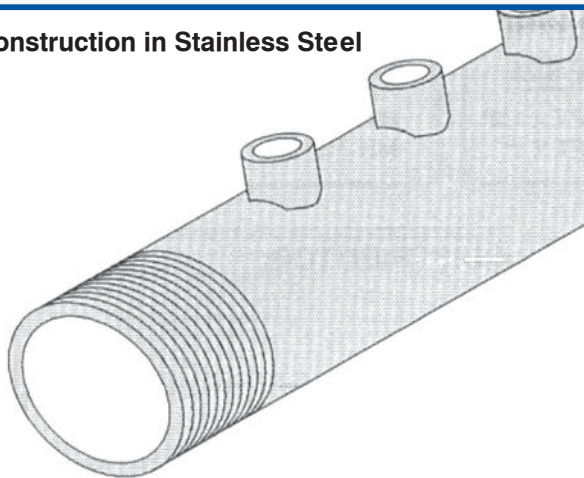
PRESSURE - 1" SCHEDULE 40

- Aluminum 6063-Y6
- Working Pressure: 150 PSI @140° F

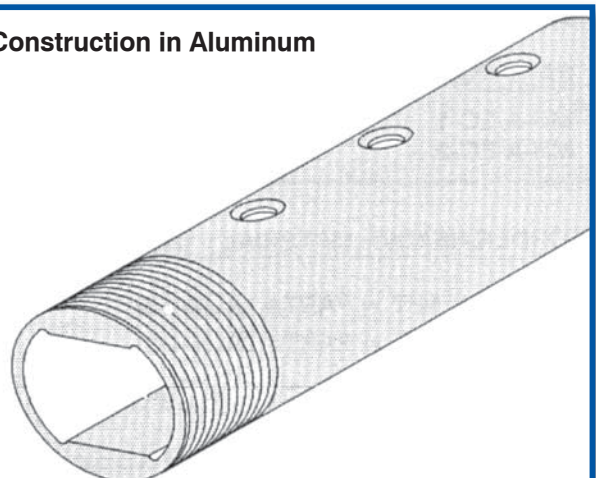
PRESSURE - 2" SCHEDULE 40

- Aluminum 6063-Y6
- Working Pressure: 150 PSI @140° F

Construction in Stainless Steel



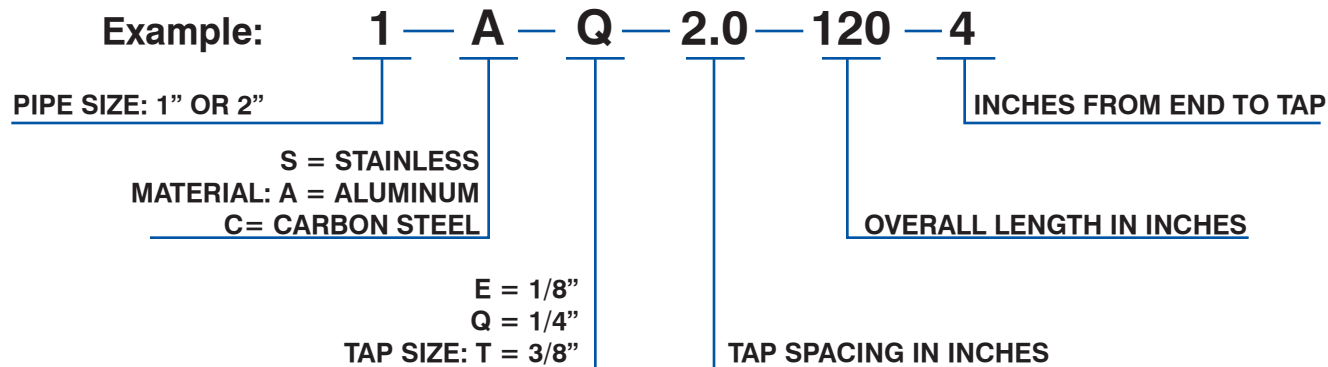
Construction in Aluminum





How To Order

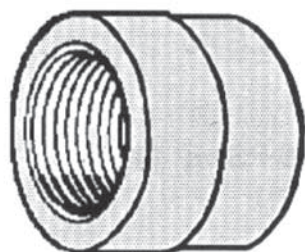
Example:



NOTES:

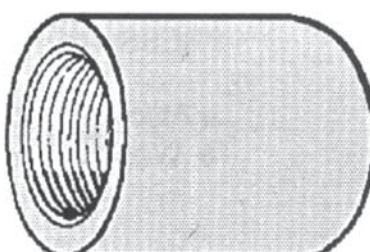
- Both ends threaded unless otherwise specified by customer
- Tapping most commonly done on one side, but is available on both, diametrically opposed.
- Contact the factory directly, for special tapping arrangements.

Aluminum End Caps



PART NO.	PIPE SIZE
MH-A-EC-1	1"NPT
MH-A-EC-2	2"NPT

Reducers



PART NO.	PIPE SIZE
MH-A-RC-1	1"NPT x 1/2"
MH-A-RC-2	2"NPT x 1"

S.S. Mounting Bracket



PART NO.	PIPE SIZE
MH-MB-1	1"NPT
MH-MB-2	2"NPT

TO ORDER HEADER MATERIAL: (20 ft. lengths only)

1" NPT = **PART# 1ALM-240**

2" NPT = **PART# 2ALM-240**

Note: Header comes untapped and unthreaded.



Raceway: A pre-engineered protective support system for:

Single Tube • Multi-Tube • Electronic Cable

Protect-O-Way



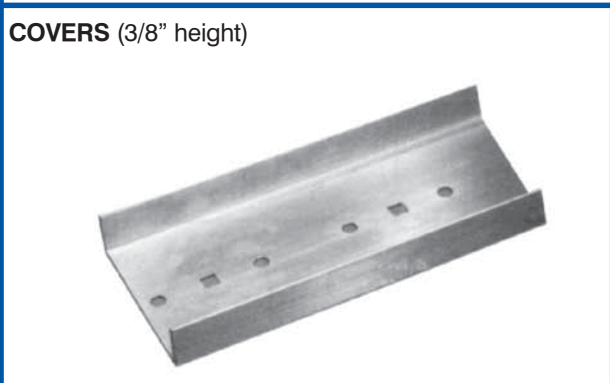


Protect-O-Way

STRAIGHT SECTIONS (7/8" depth)



COVERS (3/8" height)



PROTECT-O-WAY is a pre-engineered protective support system for single tube, multi-tube, electronic and fiber-optic cable. It offers easy, organized, cost efficient installation into power generation and petrochemical plants, water and sewage systems, paper mills or anywhere instrument tubing is installed.

The system includes straight sections with covers and a complete line of complementing fittings together with an array of various styles of clamping mechanisms.

Channels are 16'-0" long and 7/8" deep, they come complete with connectors, nuts and bolts and are punched every two (2) feet to accommodate carriage bolts with hold-down clamps or j-bolts.

Available in three different materials-6063-T6 aluminum, mill-galvanized steel and stainless steel; **PROTECT-O-WAY** offers a customized system to satisfy your specific application.

Aluminum PROTECT-O-WAY

Channel Part #	Width in. (mm)	Cover Part #
AL10SCP	1" (25.4)	A10CV
AL15SCP	1 1/2" (38.1)	A15CV
AL25SCP	2 1/2" (63.5)	A25CV
AL33SCP	3 3/8" (85.7)	A33CV
AL37SCP	3 3/4" (88.9)	A37CV

Galvanized Steel PROTECT-O-WAY

Channel Part #	Width in. (mm)	Cover Part #
PG10SCP	1" (25.4)	PG10CV
PG15SCP	1 1/2" (38.1)	PG15CV
PG25SCP	2 1/2" (63.5)	PG25CV
PG33SCP	3 3/8" (85.7)	PG33CV
PG37SCP	3 3/4" (88.9)	PG37CV

Stainless Steel PROTECT-O-WAY

Channel Part #	Width in. (mm)	Cover Part #
SS10SCP	1" (25.4)	SS10CV
SS15SCP	1 1/2" (38.1)	SS15CV
SS25SCP	2 1/2" (63.5)	SS25CV
SS33SCP	3 3/8" (85.7)	SS33CV
SS37SCP	3 3/4" (88.9)	SS37CV



Clamping Devices for Raceway

The various Protect-O-Way clamping devices provide complete flexibility in the use of varying numbers and sizes of cables and tubing.

STAINLESS STEEL PUSH CLIPS offer easy installation and firm tube containment by quickly pressing into place at two foot intervals.

The **TUBE CLIP PLATE** has earned industry approval for a secure clamping action which requires the least field effort of any other clamping device. Clip plates are pre-installed at 24" intervals in the supporting channel ready for field use.

Mounting holes at two-foot intervals along the length of the channel permit use of either carriage bolt, hold-down clamp assemblies or J-bolt, hex-nut assemblies. The **HOLD-DOWN CLAMP** assembly may be used for either single or multiple levels of single tube, electronic or multi-tube cable while the **J-BOLT ASSEMBLY** may be used for attaching large diameter cable or multitube.

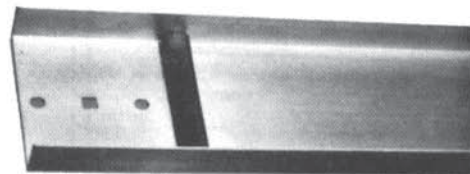
STAINLESS STEEL PUSH CLIP	
Part #	Width
SS10SPC	1"
SS15SPC	1 1/2"
SS25SPC	2 1/2"
SS33SPC	3 3/8"
SS37SPC	3 3/4"

STAINLESS STEEL HOLD DOWN CLAMP	
Part #	Width
SS10SCL	1"
SS15SCL	1 1/2"
SS25SCL	2 1/2"
SS33SCL	3 3/8"
SS37SCL	3 3/4"

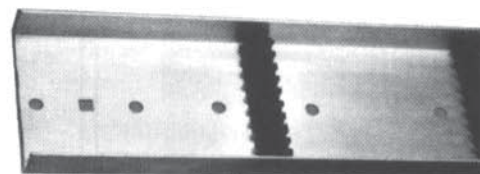
TUBE CLIP PLATE				
Part #	Width	Tube o.d.	Cap.	
10CP25PE	1"	1/4"	2	
10CP28PE	1"	9/32"	2	
10CP37PE	1"	3/8"	1	
15CP25PE	1 1/2"	1/4"	4	
15CP28PE	1 1/2"	9/32"	3	
15CP37PE	1 1/2"	3/8"	3	
25CP25PE	2 1/2"	1/4"	6	
25CP28PE	2 1/2"	9/32"	4	
25CP37PE	2 1/2"	3/8"	5	
33CP25PE	3 3/8"	1/4"	9	
33CP28PE	3 3/8"	9/32"	6	
33CP37PE	3 3/8"	3/8"	7	
37CP25PE	3 3/4"	1/4"	10	
37CP28PE	3 3/4"	9/32"	8	
37CP37PE	3 3/4"	3/8"	8	

CARRIAGE BOLT WING NUT ASSEMBLY		
Length	Zinc Plated	Stainless Steel
3/4"	ZN75CRB	SS75CRB
1"	ZN10CRB	SS10CRB
1 1/4"	ZN12CRB	SS12CRB
1 1/2"	ZN15CRB	SS15CRB
2"	ZN20CRB	SS20CRB
2 1/2"	ZN25CRB	SS25CRB
3"	ZN30CRB	SS30CRB

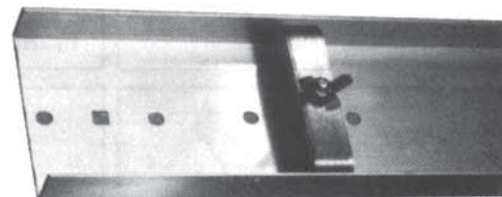
J-BOLT & HEX NUT ASSEMBLY		
Length	Zinc Plated	Stainless Steel
3/4"	ZN25JB07	SS25JB07
1"	ZN25JB10	SS25JB10
1 1/4"	ZN25JB15	SS25JB15
1 3/4"	ZN25JB17	SS25JB17



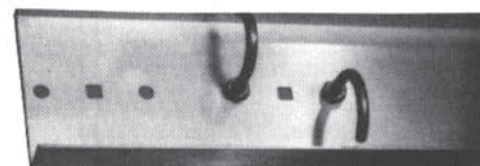
S.S. PUSH CLIP



TUBE CLIP PLATE



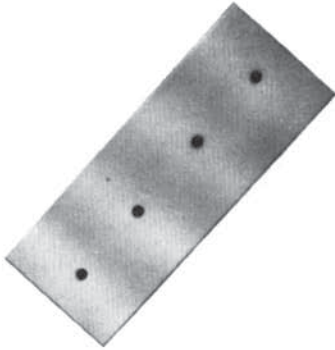
S.S. HOLD-DOWN CLAMP
CARRIAGE BOLT & WING NUT ASSEMBLY



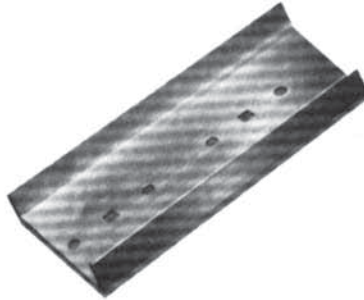
J-BOLT & HEX NUT ASSEMBLY



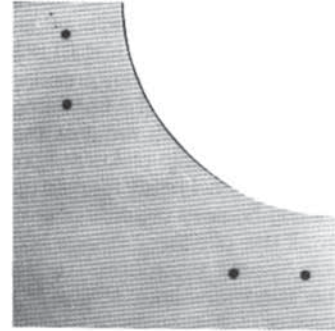
Fittings for Raceway



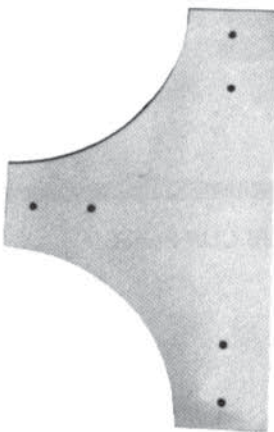
FLAT CONNECTOR



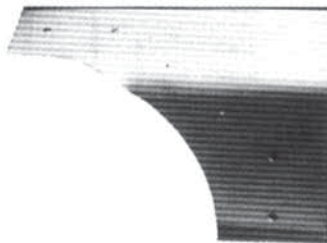
CHANNEL CONNECTOR



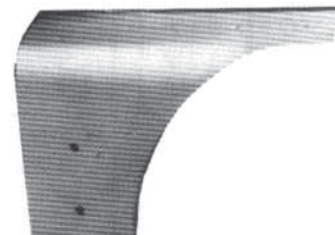
FLAT CONNECTOR



FLAT HORIZONTAL TEE



RIGHT-HAND DROPOUT ELBOW



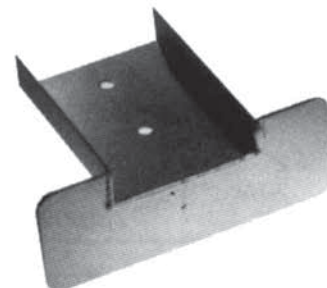
LIFT-HAND DROPOUT ELBOW



DROPOUT TEE



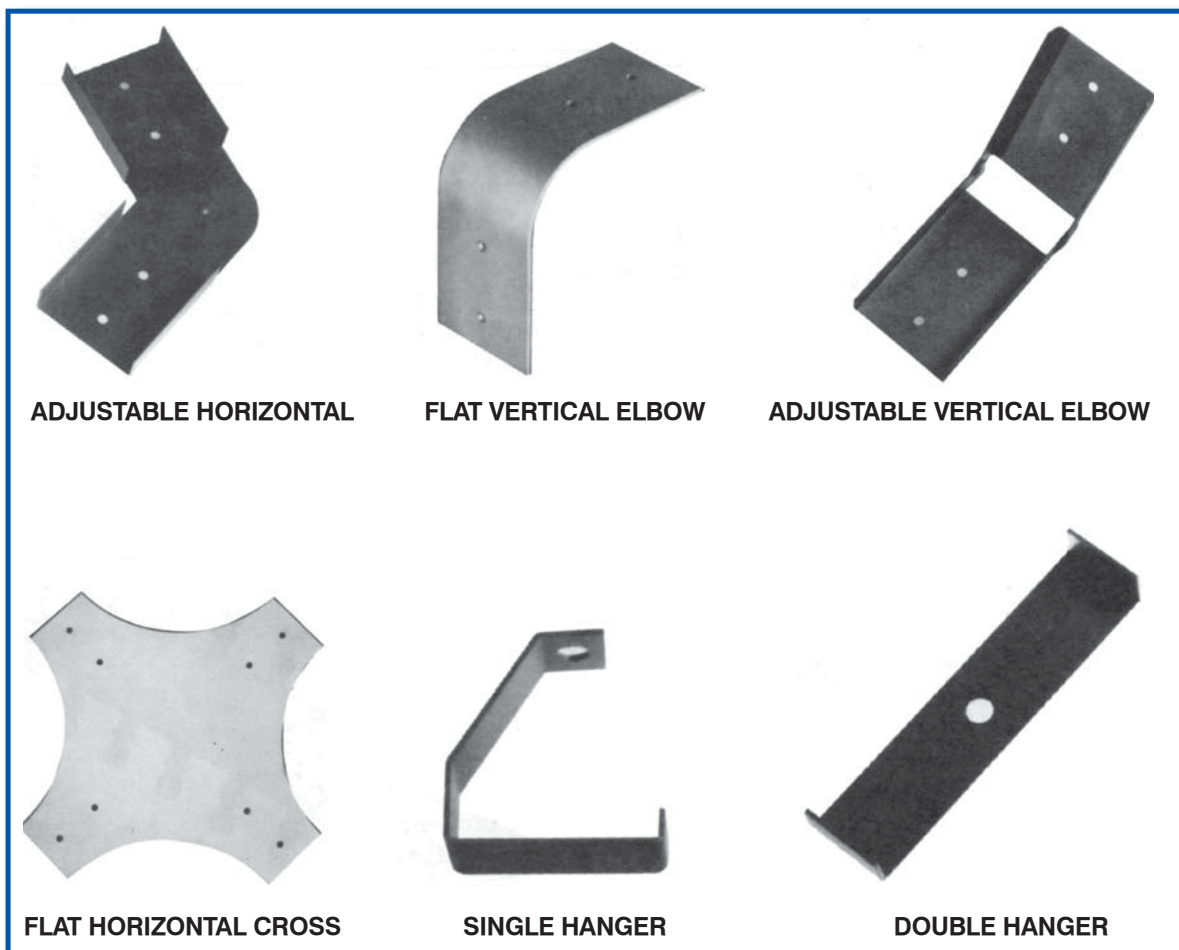
WALL BRACKET



CHANNEL-TO-BOX



Fittings for Raceway



ADJUSTABLE HORIZONTAL

FLAT VERTICAL ELBOW

ADJUSTABLE VERTICAL ELBOW

FLAT HORIZONTAL CROSS

SINGLE HANGER

DOUBLE HANGER

PART NO.	ALUMINUM	GALVANIZED	STAINLESS
FLAT CONNECTOR	AL**FCN	PG**FCN	SS**FCN
CHANNEL CONNECTOR	AL**CN	PG**CN	SS**CN
FLAT HORIZONTAL ELBOW	AL**FHE	PG**FHE	SS**FHE
ADJUSTABLE HORIZONTAL ELBOW	AL**AHE	PG**AHE	SS**AHE
FLAT VERTICAL ELBOW	AL**FVE	PG**FVE	SS**FVE
ADJUSTABLE VERTICAL ELBOW	AL**AVE	PG**AVE	SS**AVE
FLAT HORIZONTAL TEE	AL**FHT	PG**FHT	SS**FHT
RIGHT-HAND DROPOUT ELBOW	AL**RDO	PG**RDO	SS**RDO
LEFT-HAND DROPOUT	AL**LDO	PG**LDO	SS**LDO
FLAT HORIZONTAL CROSS	AL**FHC	PG**FHC	SS**FHC
SINGLE HANGER	AL**SH	PG**SH	SS**SH
DOUBLE HANGER	AL**DH	PG**DH	SS**DH
DROPOUT TEE	AL**DOT	PG**DOT	SS**DOT
WALL BRACKET	AL**WB	PG**WB	SS**WB
CHANNEL TO BOX CONNECTOR	AL**CB	PG**CB	SS**CB

** - FOR 1" W. USE 10, FOR 1-1/2" W. USE 15, FOR 2-1/2" W. USE 25, FOR 3-3/8 W. USE 33, FOR 3-3/4" W. USE 37