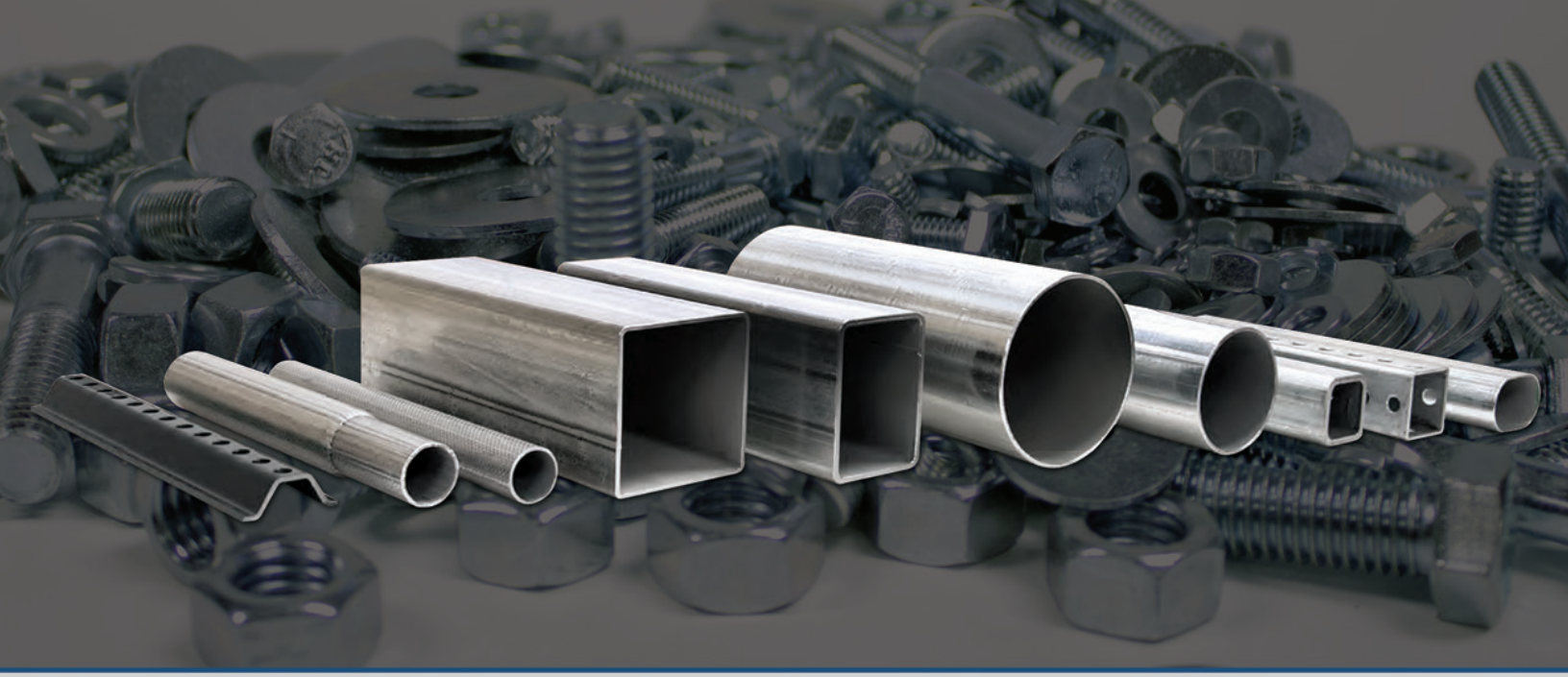


YOUR SOLUTIONS PROVIDER

UBS INDUSTRIES

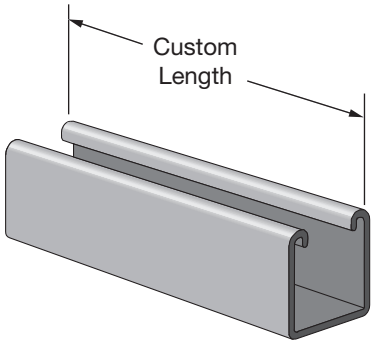


UBS INDUSTRIES PRODUCTS Catalogue No. 4

Prefabrication and Customization

We Can Provide Custom Cutting, Custom Punching, and Custom Assemblies

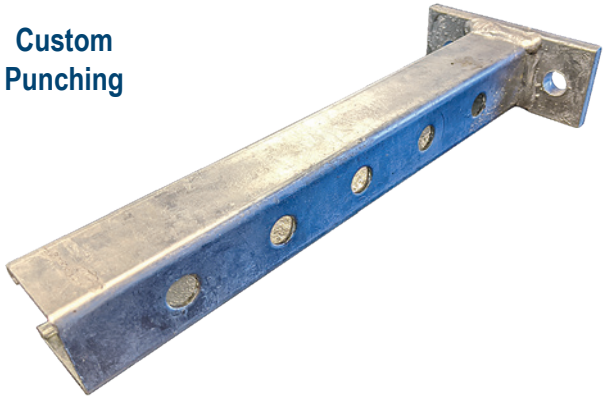
Custom Cut Channel



UBS can provide our channel in custom lengths to your specifications. Ready-to-install custom lengths can save time and cost on the jobsite, reduce scrap, and reduce errors in the field.

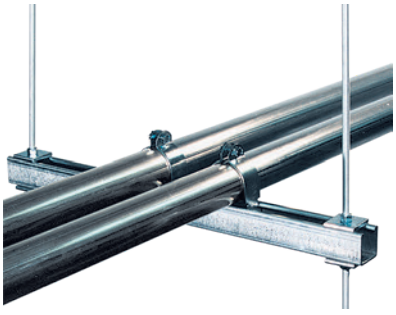
Custom lengths are available at any length from 2" to 20' with a ±1/8" tolerance. In some cases we can provide lengths greater than 20'.

Custom Punching



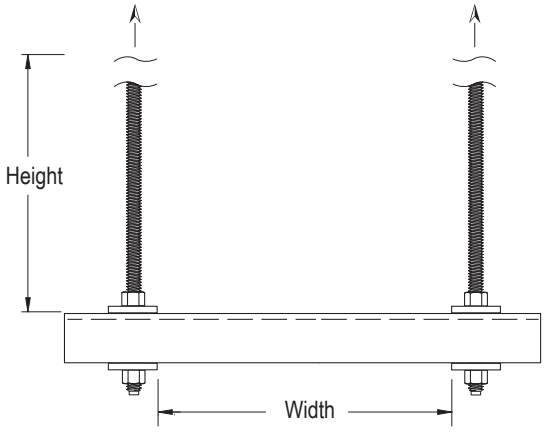
UBS can provide our channel with custom punching to your specifications. Short slots, long slots, various sized holes.

Custom Trapeze Kits



UBS can provide custom specified trapezes to your request. They can be cut to your specification and shipped kitted or fully assembled for quick installation on the jobsite.

Specify Trapeze width, threaded rod height and diameter and type of channel.



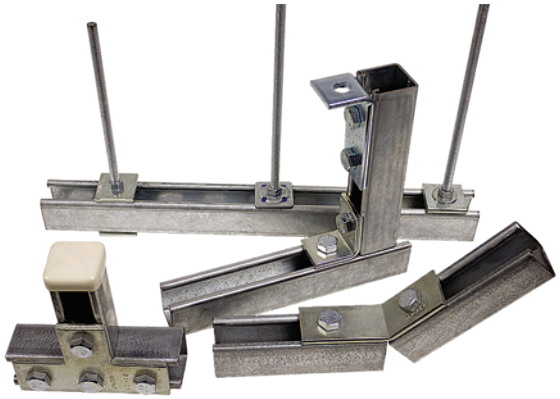
Custom Assemblies

UBS can provide custom specified assemblies to your request. They can be cut to your specification and shipped kitted or fully assembled for quick installation on the jobsite.



Custom Frames





www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

TABLE OF CONTENTS

UBS INDUSTRIES

UBS INDUSTRIES

Distributes Products For Use In...

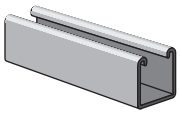
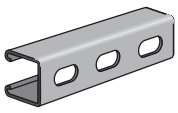
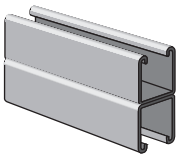
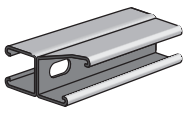
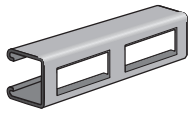
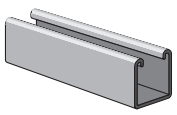
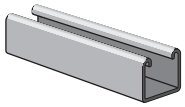
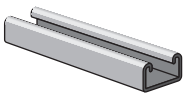
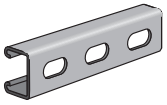
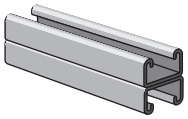
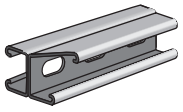
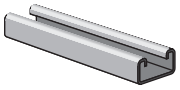
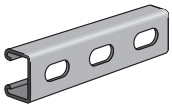
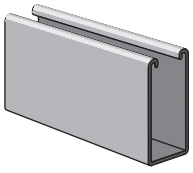
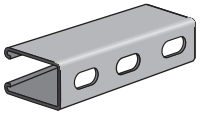
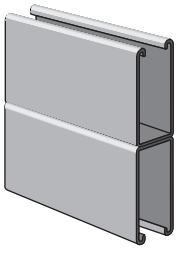
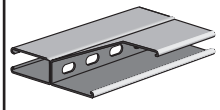
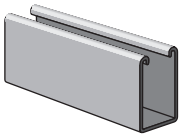
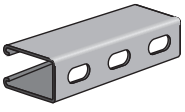
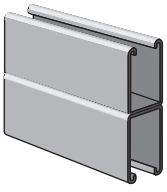
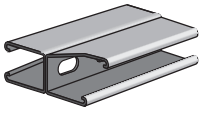
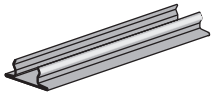
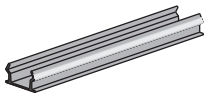
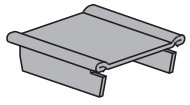
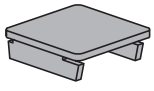
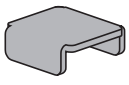
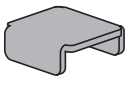
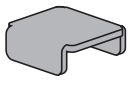
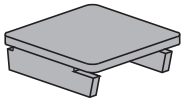
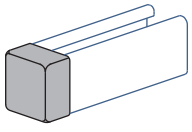
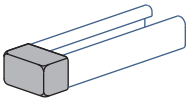
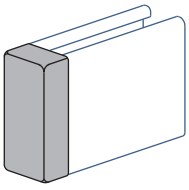
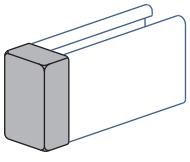
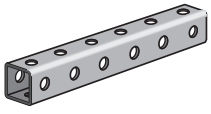
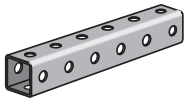
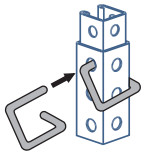
ELECTRICAL
MECHANICAL
INDUSTRIAL

MEDICAL
ARCHITECTURAL
COMMERCIAL

SEISMIC
OEM
and MORE!

Pictorial Table of Contents **4- 11**
The UBS Connection ..... **12 - 13**
Material and Finishes **14**
Channel ..... **15 - 41**
Conversion Factors for Beam Loads 16
Channel Selection Chart 17
Lateral Bracing Load Reduction Charts 18
CH1000 (12 Gauge) ..... 19 - 22
CH1100 (14 Gauge) 23
CH3000 (12 Gauge) 24
CH3300 (12 Gauge) ..... 25 - 27
CH4100 (14 Gauge) ..... 28 - 29
CH5000 (12 Gauge) ..... 30 - 32
CH5500 (12 Gauge) ..... 33 - 35
Closure Strip 36
End Caps 36
Telescoping Strut ..... 37 - 39
Cable Vault Racking Systems 40
Slotted Angle 41
Concrete Inserts ..... **42 - 43**
Heavy-Duty Inserts 43
Light-Duty Inserts 43
General Fittings ..... **44 - 65**
Design Load Data 45
Flat Plate Fittings ..... 46 - 47
Angular Fittings ..... 48 - 50
"Z" Shape Fittings 50
"U" Shape Fittings 51
Wing Shape Fittings ..... 52 - 53
Post Bases 54
Hinge Fittings 55
Trolleys ..... 56 - 57
Beam Clamps ..... 58 - 61
Other General Fittings 62
Brackets ..... 63 - 65
Brace Fittings 65
Channel Nuts & Hardware ..... **66 - 73**
Channel Nuts 67
Threaded Rods 68
Hardware ..... 68 - 73
Clamps & Pipe Supports ..... **74 - 87**
Saddle Clamps 75
2 Piece Pipe Clamps ..... 76 - 77
Pipe Straps 78
Isolation Material 78
Cushioned Clamps ..... 79 - 80
Hi-Voltage Clamps 81
Cable Cleats & Clamps 82
Riser Clamps 83
Pipe Hangers ..... 84 - 85
Spring Hangers 86
Spring Mounts 87
Seismic Bracing ..... **88 - 93**
Hardware 89
Gripple Hangers ..... 89 - 91
Seismic Cables 92
Seismic Fittings ..... 92 - 93
Galvanizing Compound **94**
Rooftop Supports ..... **95 - 96**
Erectastep **97**
YellowGate Fall Protection **98**
Code Cable Tray **99**
Code Electric **100**
Telespar Sign Posts and Hardware ..... **101 - 107**
Sign Posts and Hardware **108**
Fiberglass Marker Posts **108**
Mechanical Tube ..... **109 - 112**
Part Number Index **113**
Keyword Index **114**

TABLE OF CONTENTS

 CH1000 Pg. 19	 CH1000T Pg. 19	 CH1001 Pg. 20	 CH1001T Pg. 20	 CH1000DS Pg. 21	 CH1100 Pg. 23
 CH3000 Pg. 24	 CH3300 Pg. 25	 CH3300T Pg. 25	 CH3301 Pg. 26	 CH3301T Pg. 26	 CH4100 Pg. 28
 CH4100T Pg. 28	 CH5000 Pg. 30	 CH5000T Pg. 30	 CH5001 Pg. 31	 CH5001T Pg. 31	 CH5500 Pg. 33
 CH5500T Pg. 33	 CH5501 Pg. 34	 CH5501T Pg. 34	 CH3184 Pg. 36	 CH3712P Pg. 36	 GF1280 Pg. 36
 GF1280W Pg. 36	 GF2407 Pg. 36	 GF3280 Pg. 36	 GF3380 Pg. 36	 GF5580 Pg. 36	 GF2860-10 Pg. 36
 GF2860-33 Pg. 36	 GF2860-50 Pg. 36	 GF2860-55 Pg. 36	 CH9000 Pg. 37	 CH9200 Pg. 37	 GF9209 Pg. 39

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

TABLE OF CONTENTS

UBS INDUSTRIES

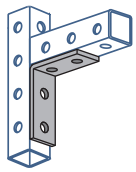
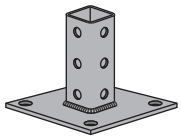
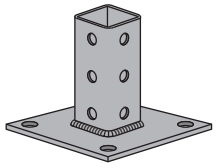
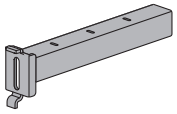
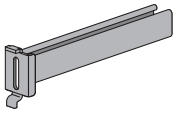
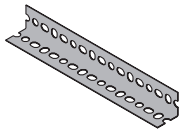
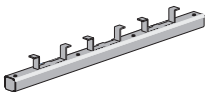
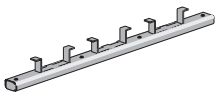
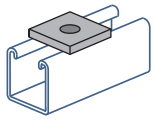
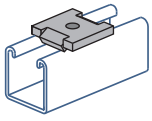
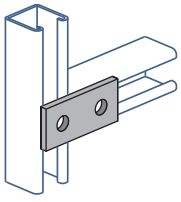
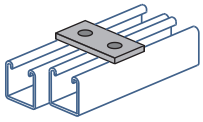
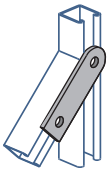
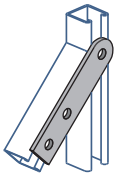
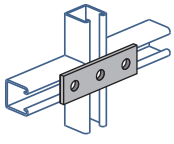
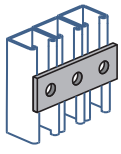
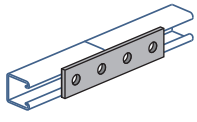
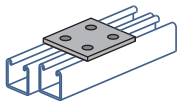
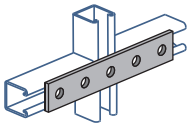
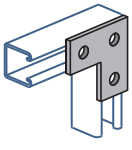
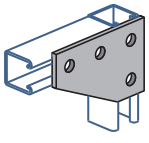
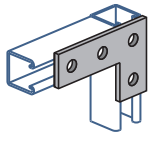
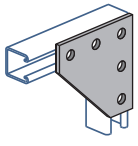
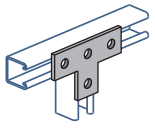
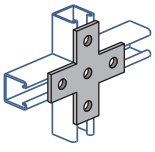
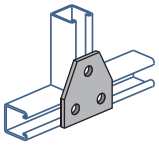
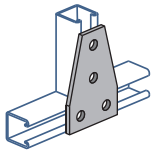
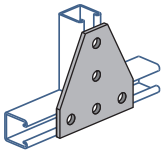
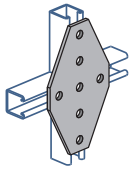
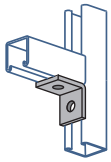
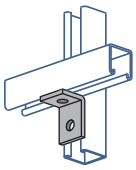
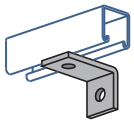
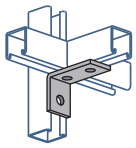
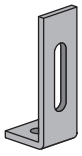
 GF9324 Pg. 39	 GF9011 Pg. 39	 GF9012 Pg. 39	 CB2920 Thru CB2924 Pg. 40	 CB2929 Thru CB2930 Pg. 40	 CSA158 Pg. 41
 CI3270 Pg. 43	 CI3370 Pg. 43	 GF1062, GF1063, GF1064, GF1964, GF2490 Pg. 46	 GF2863, GF2864 Pg. 46	 GF1065 Pg. 46	 GF1924 Pg. 46
 GF2325 Pg. 46	 GF2324 Pg. 46	 GF1066 Pg. 46	 GF1925 Pg. 46	 GF1067 Pg. 46	 GF2079 Pg. 46
 GF1941 Pg. 46	 GF1036 Pg. 47	 GF1380 Pg. 47	 GF1380A Pg. 47	 GF1873 Pg. 47	 GF1031 Pg. 47
 GF1028 Pg. 47	 GF1356 Pg. 47	 GF1358 Pg. 47	 GF1726 Pg. 47	 GF1950 Pg. 47	 GF1026 Pg. 48

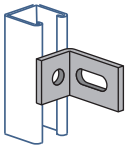
TABLE OF CONTENTS

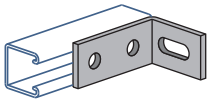

GF1068 Pg. 48

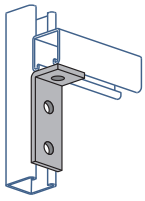

GF1281 & GF1283 Pg. 48

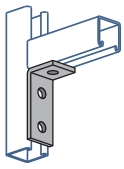

GF1458 Pg. 48

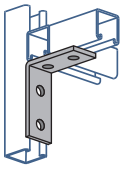

GF1498 & GF1499 Pg. 48

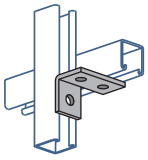

GF1750 Pg. 48

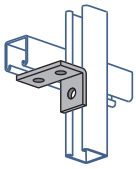

GF1747 Pg. 48

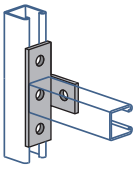

GF1326 Pg. 48

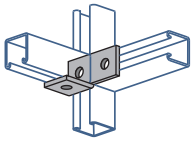

GF1346 Pg. 48

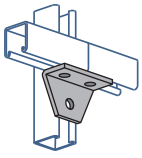

GF1325 Pg. 48

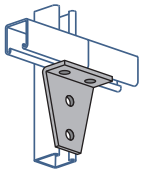

GF1822 Pg. 48

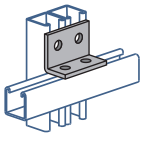

GF1823 Pg. 49

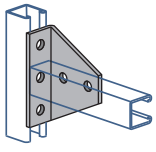

GF1033 Pg. 49

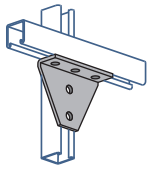

GF1038 Pg. 49

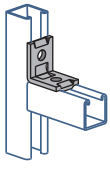

GF1357 Pg. 49

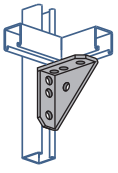

GF1359 Pg. 49

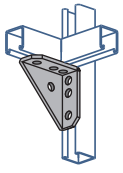

GF1934 Pg. 49

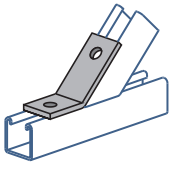

GF1727 Pg. 49

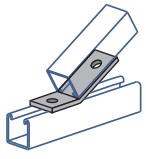

GF1728 Pg. 49

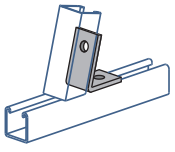

GF2626 Pg. 49

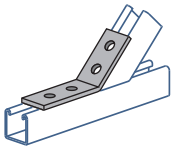

GF2484 Pg. 49

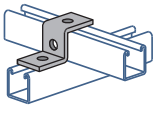

GF2484W Pg. 49

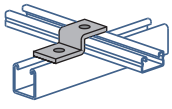

GF1546 & GF2097 Pg. 50

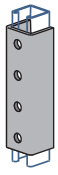

GF2101 & GF2103 Pg. 50

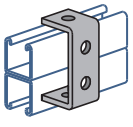

GF2108 & GF1186 Pg. 50

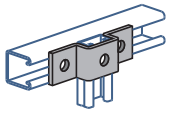

GF2267, GF2265, GF2263 Pg. 50

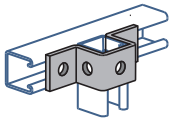

GF1045 Pg. 50

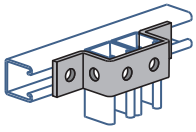

GF4045 Pg. 50

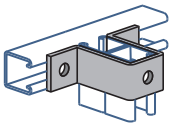

GF1377 Pg. 51

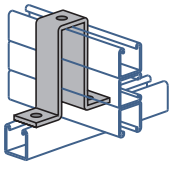

GF1044 Pg. 51

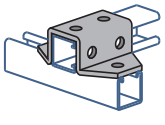

GF4047 Pg. 51

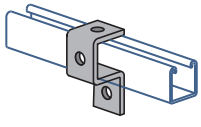

GF1047 Pg. 51


GF1043A Pg. 51


GF1737 Pg. 51


GF2473 Pg. 51


GF2326 Pg. 51


GF1046A Pg. 51

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

TABLE OF CONTENTS

UBS INDUSTRIES

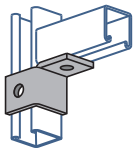
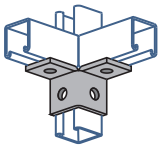
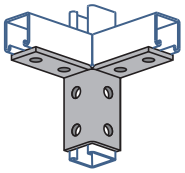
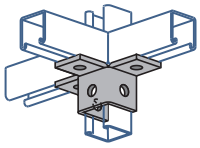
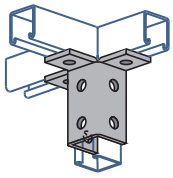
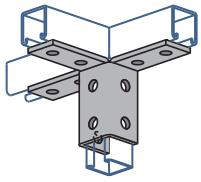
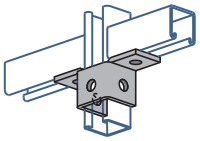
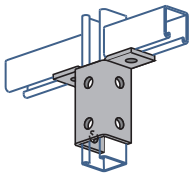
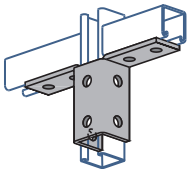
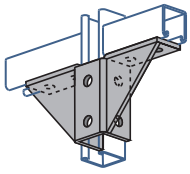
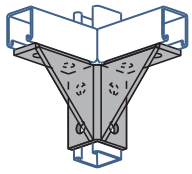
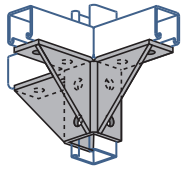
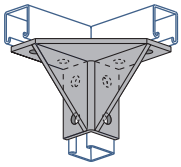
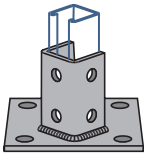
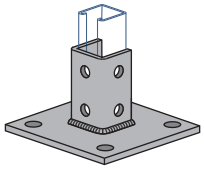
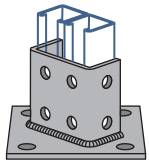
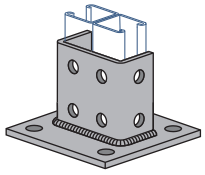
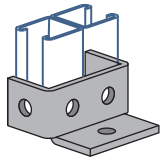
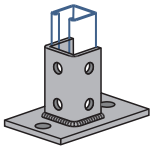
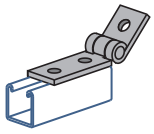
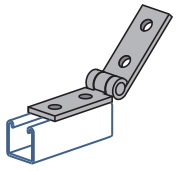
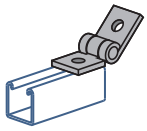
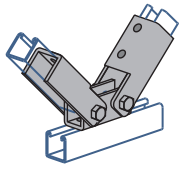
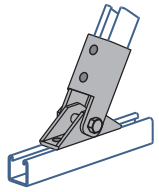
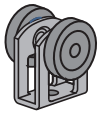
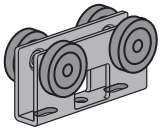
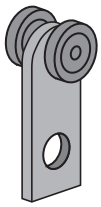
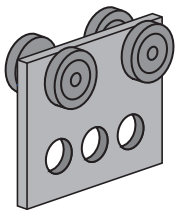
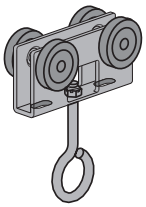
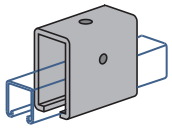
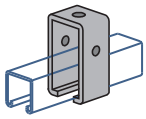
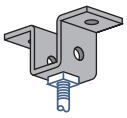
 GF2341R-L Pg. 52	 GF2223 Pg. 52	 GF2225 Pg. 52	 GF2227 Pg. 52	 GF2228 Pg. 52	 GF2229 Pg. 52
 GF2345 Pg. 52	 GF2346 Pg. 52	 GF2347 Pg. 52	 GF2348 Pg. 53	 GF2226 Pg. 53	 GF2230 Pg. 53
 GF2245 Pg. 53	 GF2072A Pg. 54	 GF2072ASQ Pg. 54	 GF2073A Pg. 54	 GF2073ASQ Pg. 54	 GF2453 Pg. 54
 GF2941 & GF2942 Pg. 54	 GF1354A Pg. 55	 GF1354 Pg. 55	 GF1843 Pg. 55	 GF2815D Pg. 55	 GF2815 Pg. 55
 GF2749 & GF2749N Pg. 56	 GF2750 & GF2750N Pg. 56	 GF2949 Pg. 56	 GF2950 Pg. 56	 GF2751 & GF2751N Pg. 57	 GF1834A Pg. 57

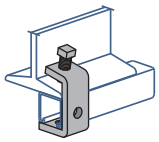
TABLE OF CONTENTS



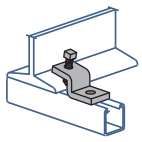
GF1834
Pg. 57



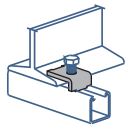
GF2682
Pg. 58



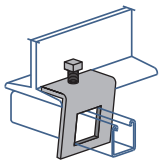
GF1271S
Pg. 58



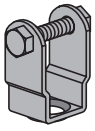
GF1379S
Pg. 58



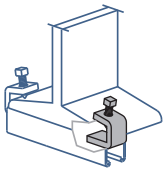
GF1386
Pg. 58



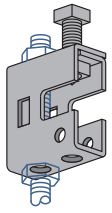
GF1796S
Pg. 58



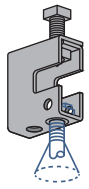
GF2677
Pg. 58



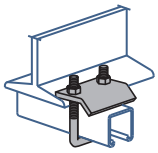
GF1272S &
GF1986S
Pg. 59



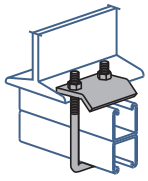
GF2675
Pg. 59



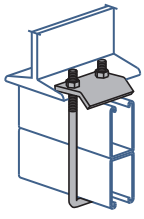
GF2676
Pg. 59



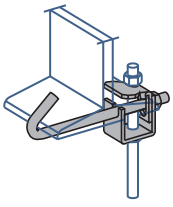
GF2785
Pg. 60



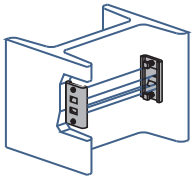
GF2786
Pg. 60



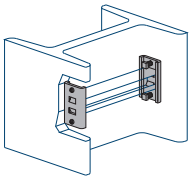
GF2787
Pg. 60



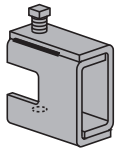
GF2824-6
Pg. 60



GF3087
Pg. 60



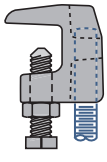
GF3088
Pg. 60



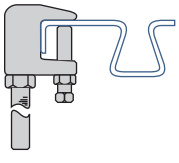
GF1649AS &
GF1650AS
Pg. 61



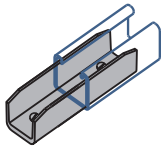
GF416-12
Retaining Strap
Pg. 61



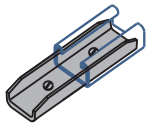
GF406
Pg. 61



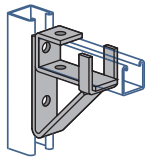
GF407
Pg. 61



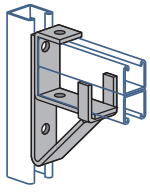
GF2900T
Pg. 62



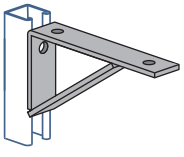
GF2904T
Pg. 62



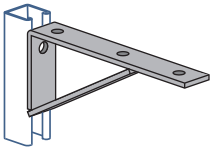
CB1075
Pg. 63



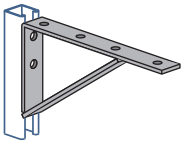
CB1593
Pg. 63



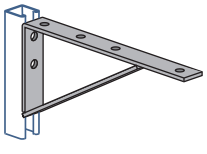
CB1769
Pg. 63



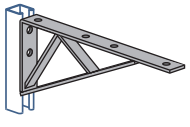
GF1771
Pg. 63



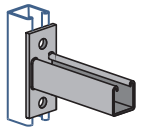
GF1773
Pg. 63



GF1775
Pg. 63



GF1777
Pg. 64



CB2944 Thru
CB2947
Pg. 64

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

TABLE OF CONTENTS

UBS INDUSTRIES

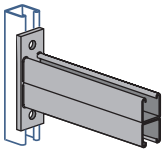
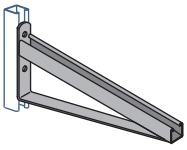
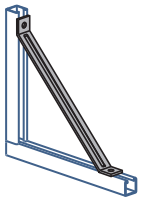
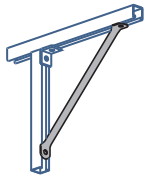
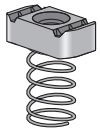
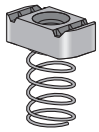
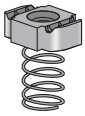
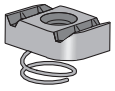
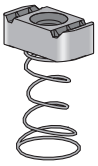
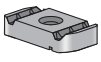
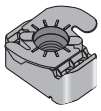
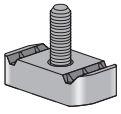
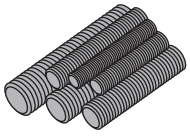
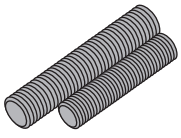
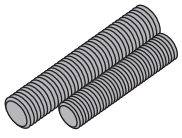
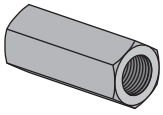
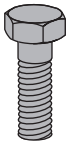
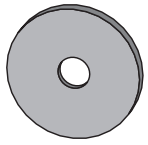
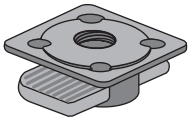
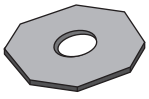
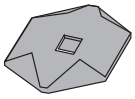
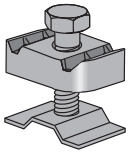
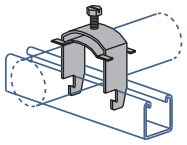
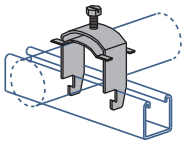
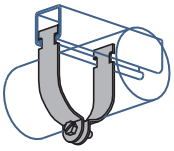
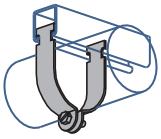
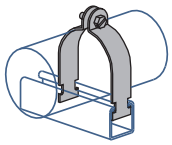
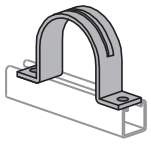
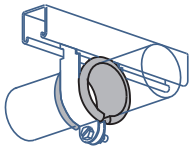
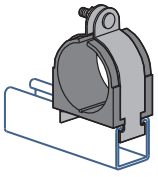
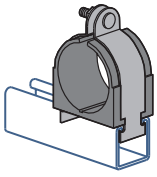
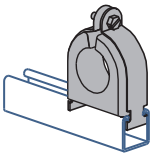
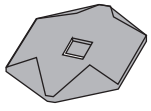
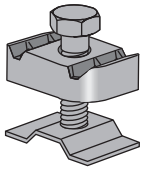
 CB2542 Thru CB2546 Pg. 64	 CB2547 Thru CB2551 Pg. 65	 GF2452 Pg. 65	 GF2458-18 Pg. 65	 SN1006-1420 EG Thru SN1010 SS Pg. 67	 SN M10 EG & SN M8 EG Pg. 67
 SN1012S EG & SN1023S EG Pg. 67	 SN4006-1420 EG Thru SN4010 EG Pg. 67	 SN4012S EG Pg. 67	 SN5508 EG & SN5510 EG Pg. 67	 SN7006-1420 Pg. 67	 SN1023 EG Pg. 67
 SN3006-1420 EG Thru SN3013 EG Pg. 67	 SN1008 T EG Thru SN4010 T EG Pg. 67	 SN14 EG Pg. 67	 Plated Threaded Rod Pg. 68	 Stainless Steel Threaded Rod Pg. 68	 B7 Threaded Rod Pg. 68
 Rod Coupler Pg. 68	 Hex Bolt Pg. 68	 Hex Nut Pg. 68	 Lock Washer Pg.68	 Flat Washer Pg. 68	 Fender Washer Pg. 68
 Kwik Washer Pg. 69	 Slot Adapter Pg. 69	 Strong-Bolt 2 Wedge Anchor Pg. 70	 SDS-Plus Drill Bits Pg. 70	 High-Strength Hybrid Acrylic Adhesive Pg. 71	 Titen HD Threaded Rod Hanger Pg. 71
 Titen HD Heavy-Duty Screw Anchor Pg. 71	 MDS38 & MDS12 Pg. 72	 CSM12 Pg. 72	 GF2485 Pg. 72, 89	 GF3500 Pg. 72, 89	 QD14 Thru QD12 Pg. 73

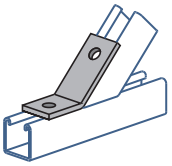
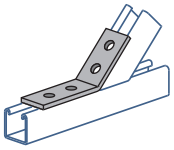
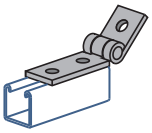
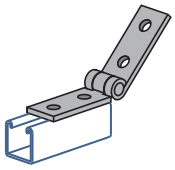
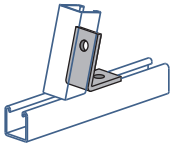
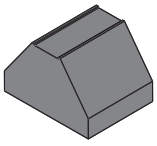
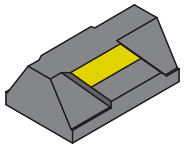
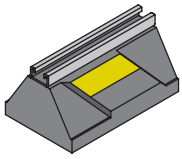
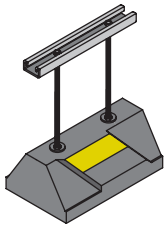
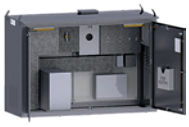
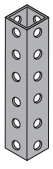
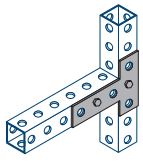
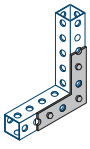
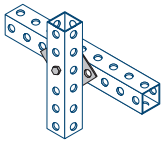
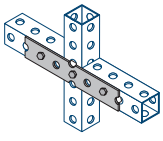
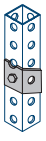
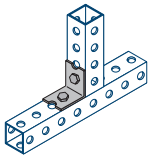
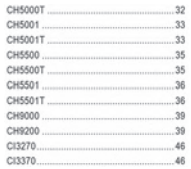
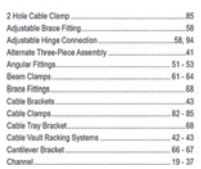
TABLE OF CONTENTS

 CF14,CF38, & CF12 Pg. 73	 SC055TEG Thru SC475TEG Pg. 75	 SC055SS Thru SC475SS Pg. 75	 PC1109 Thru PC1126 Pg. 76	 PC1426 Thru PC1431 Pg. 76	 PC2024 Thru PC1126 Pg. 77
 PC2558-05 Thru PC2558-60 Pg. 78	 GF2600 Pg. 78	 CCT025 Thru CCT412 Pg. 79	 CCP025 Thru CCP600 Pg. 80	 P1787A Thru P1795B Pg. 81	 Ellis - Emperor Stainless Steel Cable Cleats Pg. 82
 Ellis - Vulcan Stainless Steel Cable Cleats Pg. 82	 Ellis - 2 Hole Cable Clamp Pg. 82	 RC050 Thru RC1200 Pg. 83	 CL050 Thru CL1200 Pg. 84	 RH050 Thru RH800 Pg. 85	 RH050CO Thru RH400CO Pg. 85
 SSH15 Thru SSH1000 Pg. 86	 JQA E21 Thru JQE 6080 Pg. 87	 GF2485 Pg. 72, 89	 GF3500 Pg. 72, 89	 SRK-1810 Pg. 89	 Gripple Seismic Kits Pgs. 90 - 91
 SRC 1/8" Pg. 92	 SRC 1/16" Pg. 92	 SRT 1/8" Pg. 92	 SRU 1/8" Pg. 92	 SRS 1/8" Pg. 92	 SRS 1/16" Pg. 92

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

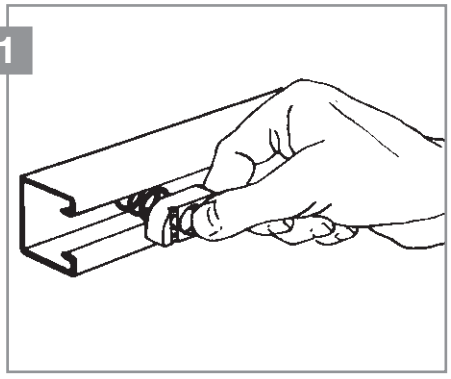
TABLE OF CONTENTS

UBS INDUSTRIES

 GF1546 Pg. 93	 GF2263, GF2265, GF2267 Pg. 93	 GF1354A Pg. 93	 GF1354 Pg. 93	 GF1186 Pg. 93	 ZRC Galvilite Galvanizing Compound Pg. 94
 RTSM Pg. 95	 RTS Pg. 95	 RTS Series Pg. 96	 RTS10-12 Pg. 96	 Erectastep Pg. 97	 YellowGate Pg. 98
 Code Cable Tray Pg. 99	 Code Enclosures Pg. 100	 Code Kiosks Pg. 100	 The Telespar System Pgs. 101 - 106	 Telespar Sign Support Pg. 105	 GF015 Pg. 107
 GF016 Pg. 107	 GF017 Pg. 107	 GF018 Pg. 107	 GF019 Pg. 107	 GF020 Pg. 107	 Round Sign Posts Pg. 108
 U-Channel Sign Posts Pg. 108	 Sign Posts Hardware Pg. 108	 Fiberglass Marker Posts Pg. 108	 Mechanical Tube Pgs. 109 - 112	 Part Number Index Pg. 113	 Keyword Index Pg. 114

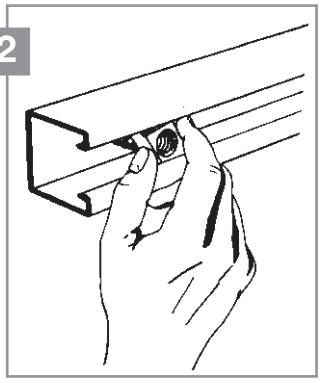
We reserve the right to make specification changes without notice.
While every effort has been made to assure the accuracy of information contained in this catalog at the time of publication, we cannot accept responsibility for inaccuracies resulting from undetected errors or omissions.

1



Insert the spring nut anywhere along the continuous slotted channel. The rounded nut ends permit easy insertion.

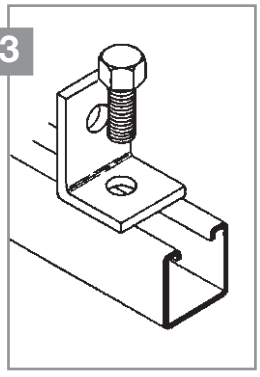
2



A 90° clockwise turn aligns the grooves in the nut with the inturned edges of the channel.

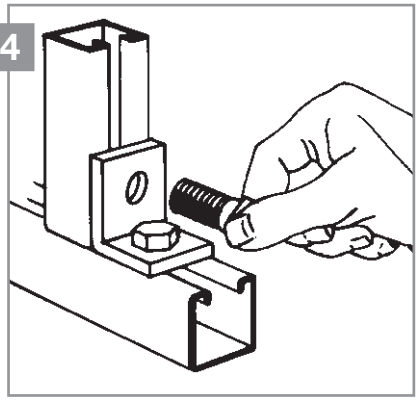
Fittings can be placed anywhere along the channel opening, permitting complete freedom of adjustment. The need for drilling holes is eliminated.

3



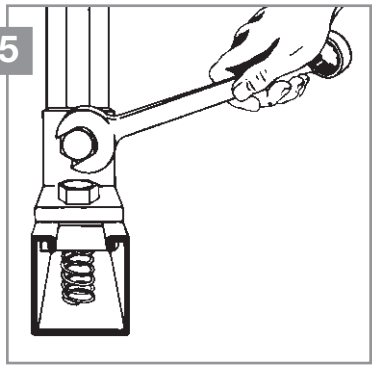
Insert the bolt through the fitting and into the spring nut.
(See illustration 5 for end view showing the nut in place)

4



Additional channel sections can now be bolted to the fitting already in place by following procedure described in steps 1–3.

5



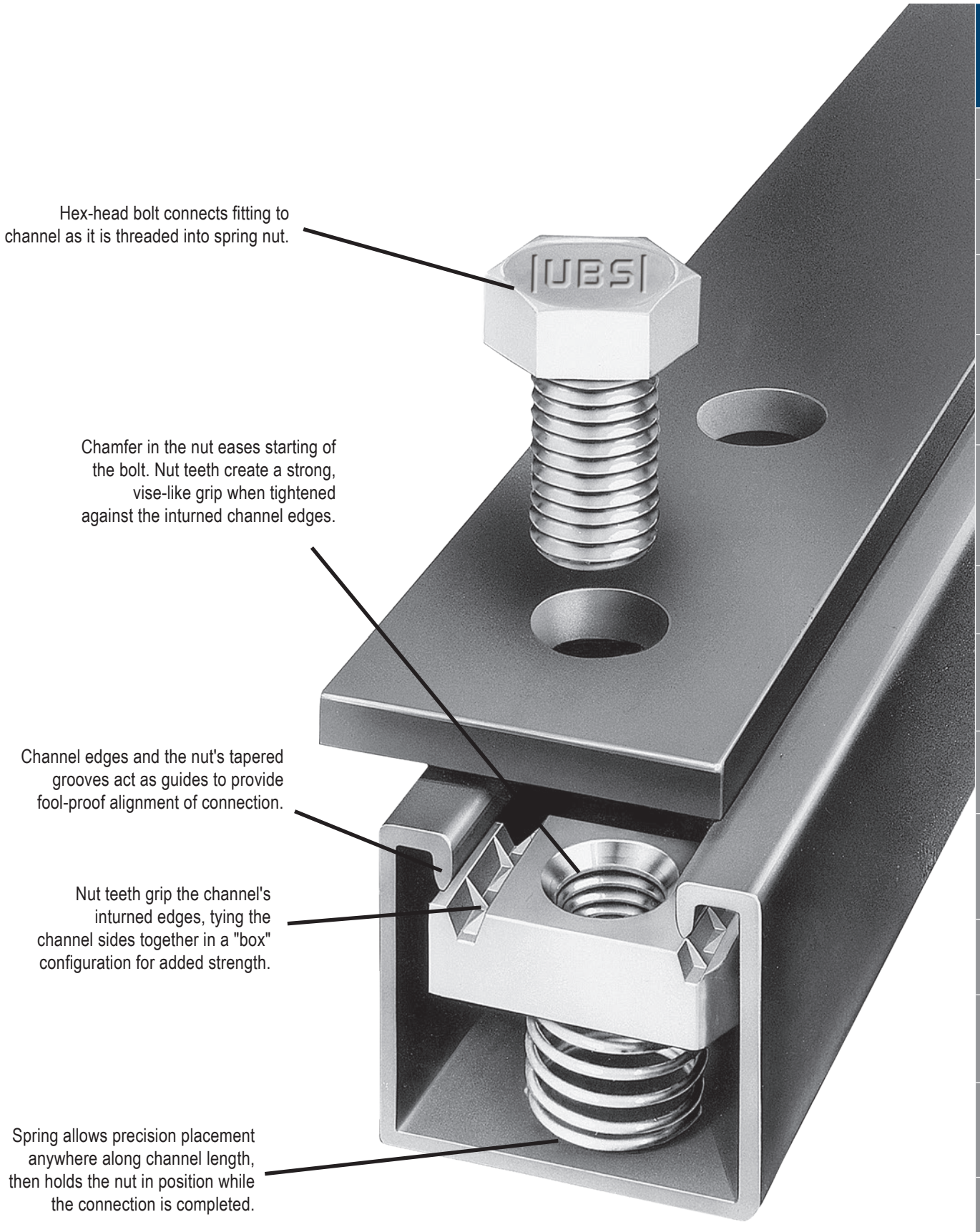
Tightening with a wrench locks the serrated teeth of the nut into the inturned edges of the channel, to complete a strong, vise-like connection.

100% Adjustable • 100% Reusable • No Welding • No Drilling • No Special Tools

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

THE UBS CONNECTION

UBS INDUSTRIES



STEEL - UNFINISHED, PLAIN, AS-ROLLED (PL)

Plain steel is unfinished and has the hot rolled and pickled surface finish that results from the original steel making process. The steel meets the specification requirements of ASTM A1011 SS Grade 33. The cold rolling process adds light oil to the surface that remains in place unless otherwise specified. This surface finish is not resistant to corrosion, and is suitable only for dry indoor environments or when the purchaser wishes to apply a special coating.

STEEL - PRE-GALVANIZED (PG)

Components are cold-rolled from pre-galvanized sheet steel manufactured to the specification requirements of ASTM A653 Grade 33 or ASTM A653 SS Grade 50. The pre-galvanized zinc coating to G-90 thickness, 0.75 MIL or 0.45 oz./sq. ft. of surface area.

STEEL - HOT-DIPPED GALVANIZED (HG)

Components are fabricated from plain steel meeting the specification requirements of ASTM A1011 and hot dipped galvanized after fabrication. This galvanizing method introduces a relatively thick layer of zinc which consists of zinc inter-metallics and an outer layer of pure zinc. Hot dipped galvanizing provides the longest life in outdoor environments due to the larger volume of zinc present. Hot dip galvanizing is performed to the specification requirements of ASTM A123. The zinc coating is typically 2.6 MIL or 1.5 oz./sq. ft. of surface area.

STAINLESS STEEL - TYPE 304 (SS 304)

Type 304 stainless steel is an austenitic stainless steel which has excellent corrosion resistance in most wet environments. Austenitic stainless steels are non-magnetic. The material forms a passive chromium oxide surface layer that prevents further oxidation (corrosion) from occurring in service. The material is resistant to a wide range of chemicals and conforms to ASTM A240 (30 ksi yield strength).

STAINLESS STEEL - TYPE 316 (SS 316)

Type 316 stainless steel is similar to type 304, but is more resistant to corrosion in marine environments due to molybdenum present in the steel. The material is resistant to corrosion in high chloride environments and conforms to ASTM A240 (30 ksi yield strength).

ZINC ELECTROPLATED STEEL (EG)

Zinc electroplating is used to coat plain steel. The electroplating process requires that the component be immersed in a solution containing zinc irons that are deposited on the surface of the part. Electroplated zinc is shiny and smooth, and is suitable for indoor environments with low relative humidity.

ALUMINUM (AL)

Aluminum alloy extrusions are available conforming to ASTM B221 (Type 6063 T5/T6). This is a heat treated alloy with a minimum yield strength of 25 ksi. Aluminium alloys form a passive oxide film on the surface which prevents further oxidation from occurring. Aluminum alloy extrusions are resistant to corrosion and are suitable for most indoor and outdoor environments with no additional surface finish.

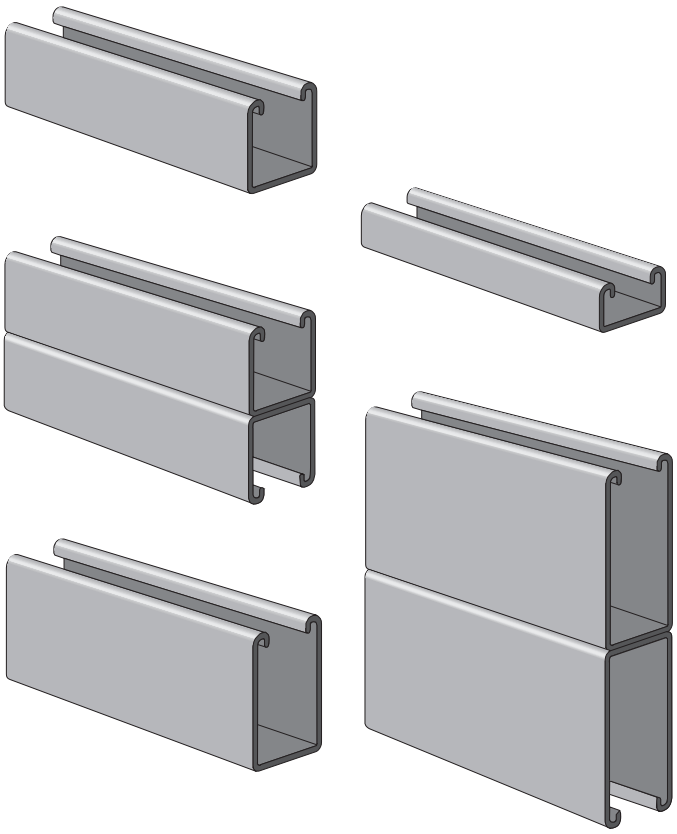
FIBERGLASS (FG)

Polyester and vinyl-ester based composite materials are available for channels and fittings. These composite materials are made by a pultrusion process and have a relatively low modulus of elasticity compare with steel and aluminum. This class of material is electrically insulating and is suitable for use in areas where electrical shock hazards exist.



Loading data in this catalogue is for design guideline purposes only. Structural designs should be checked and approved by a professional structural engineer before selection and installation of any product.

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1



Channel Selection Chart 17
Lateral Bracing Load Reduction Charts 18
CH1000 (12 Gauge) ..... 19 - 22
CH1100 (14 Gauge) 23
CH3000 (12 Gauge) 24
CH3300 (12 Gauge) ..... 25 - 27
CH4100 (14 Gauge) ..... 28 - 29
CH5000 (12 Gauge) ..... 30 - 32
CH5500 (12 Gauge) ..... 33 - 35
Closure Strip 36
End Caps 36
Telescoping Strut ..... 37 - 39
Cable Vault Racking Systems 40
Slotted Angle 41

MATERIALS & FINISHES

UBS channels are accurately and carefully cold formed to size from low-carbon strip steel.

STEEL: PLAIN (PL)

12 Ga., 14 Ga. and 16 Ga.
ASTM A1011 SS GR 33.

STEEL: PRE-GALVANIZED (PG)

12 Ga. , 14 Ga. and 16 Ga.
ASTM A653 GR 33 or ASTM A653 SS GR 50

STEEL: HOT-DIPPED GALVANIZED (HG)

Conforming to ASTM A123.

STAINLESS STEEL (SS)

Conforming to ASTM A240 (Type 304).
Conforming to ASTM A240 (Type 316).

ALUMINUM (AL)

Conforming to ASTM B221 (Type 6063 T5/T6).
(Extruded)

FIBERGLASS (FG)

Polyester and vinyl ester channels are manufactured from the pultrusion process and are color coded gray and beige respectively.

Type 316 Stainless also available for most products.
For other materials, contact your UBS representative.

LOAD DATA

All beam and column load data pertains to carbon steel and stainless steel channels. Load tables and charts are constructed to be in accordance with the SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS 2007 EDITION published by the AMERICAN IRON AND STEEL INSTITUTE USING ASD METHOD. Loads are based on 33 ksi steel.

DIMENSIONS

Imperial dimensions are illustrated in inches. Metric dimensions are shown in millimeters and rounded to one decimal place.

LENGTHS

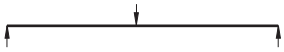
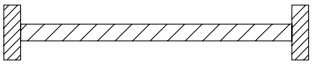
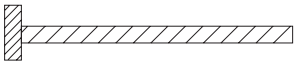
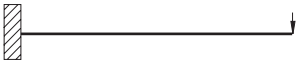
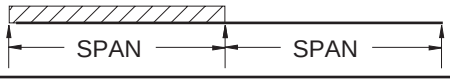
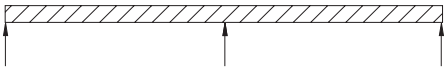
Lengths are 10 feet (3.05m) and 20 feet (6.10m). Tolerances are ±⅛" to ±½" (3 to 13 mm).
We also have the ability to cut channel to the specific lengths required for any project.

Type of Load	Safety Factor to Yield Strength	Safety Factor to Ultimate Strength
Beam Loads	1.67	2.0
Column Load	1.80	2.2

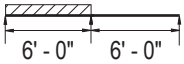
UBS INDUSTRIES RESERVES THE RIGHT TO MAKE SPECIFICATION CHANGES WITHOUT NOTICE

Conversion Factors For Beams With Various Static Loading Conditions

All Beam Load tables are for single-span (simple) beams supported at the ends in the manner indicated. These can be used in the majority of the cases. However, there are times when it is necessary to know what happens with other loading and support conditions. Some common arrangements are shown below. Simply multiply the values from the Beam Load tables by factors given below.

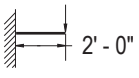
Load and Support Condition	Load Factor	Deflection Factor
1. Simple Beam, Uniform Load 	1.00	1.00
2. Simple Beam, Concentrated Load at Center 	.50	.80
3. Simple Beam, Two Equal Concentrated Loads at 1/4 pts 	1.00	1.10
4. Beam Fixed at Both Ends, Uniform Load 	1.50	.30
5. Beam Fixed at Both Ends, Concentrated Load at Center 	1.00	.40
6. Cantilever Beam, Uniform Load 	.25	2.40
7. Cantilever Beam, Concentrated Load at End 	.12	3.20
8. Continuous Beam, Two Equal Spans, Uniform Load on One Span 	1.30	.92
9. Continuous Beam, Two Equal Spans, Uniform Load on Both Ends 	1.00	.42
10. Continuous Beam, Two Equal Spans, Concentrated Load at Center of One Span 	.62	.71
11. Continuous Beam, Two Equal Spans, Concentrated Load at Center of Each Span 	.67	.48

EXAMPLE I:
Determine load and deflection of a CH1000 beam continuous over one support and loaded uniformly on one span.



SOLUTION:
A. From load table for CH1000 on page 22 load for a 6'-0" span is 680# and deflection is .35".
B. Multiply by factors from Table above.
Load = 680# x 1.30 = 884#
Deflection = .35" x .92 = .32"

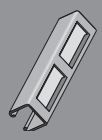
EXAMPLE II
Determine load and deflection of a CH5500 cantilever beam with a concentrated load on the end.

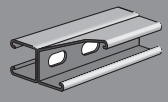


SOLUTION:
A. From load table CH5500 on page 36 load for a 2'-0" span is 2180# and deflection is .09".
B. Multiply by factors from Table above.
Load = 2180# x .12 = 262#
Deflection = .09" x 3.20 = .29"

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

Channel Selection Chart

Channel	Channel Dimensions		Material & Thickness			Hole Pattern Styles	
	 Width	 Height	Steel	Stainless Steel	Alum.		
	(mm)	In *(mm)*	Gauge	Gauge	In *(mm)*	T	DS
CH1000	1⅝ *(41.3)*	1⅝ *(41.3)*	12 ga	12 ga	0.109 *(2.8)*	■	■
CH1100	1⅝ *(41.3)*	1⅝ *(41.3)*	14 ga	—	—	–	–
CH3000	1⅝ *(41.3)*	1⅜ *(34.9)*	12 ga	—	—	–	–
CH3300	1⅝ *(41.3)*	⅞ *(22.2)*	12 ga	12 ga	—	■	–
CH4100	1⅝ *(41.3)*	13⁄16 *(20.6)*	14 ga	14 ga	—	■	–
CH5000	1⅝ *(41.3)*	3¼ *(82.6)*	12 ga	—	—	■	–
CH5500	1⅝ *(41.3)*	2 7⁄16 *(61.9)*	12 ga	—	—	■	–

Back-to-Back Channel	Channel Dimensions		Material & Thickness			Hole Pattern Styles
	 Width	 Height	Steel	Stainless Steel	Alum.	
	In *(mm)*	In *(mm)*	Gauge	Gauge	In *(mm)*	T
CH1001	1⅝ *(41.3)*	3¼ *(82.6)*	12 ga	—	—	■
CH3301	1⅝ *(41.3)*	1¾ *(44.5)*	12 ga	—	—	■
CH5001	1⅝ *(41.3)*	6½ *(165.1)*	12 ga	—	—	■
CH5501	1⅝ *(41.3)*	4⅞ *(123.8)*	12 ga	—	—	■



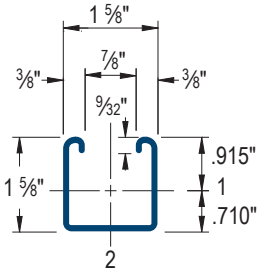
Lateral Bracing Load Reduction Charts

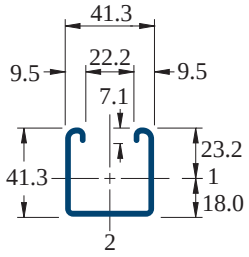
Span		Single Channel							Back to Back Channel			
Ft. (m)	In. (cm)	CH1000	CH1100	CH3000	CH3300	CH4100	CH5000	CH5500	CH1001	CH3301	CH5001	CH5501
2 *(0.61)*	24 *(61)*	1.00	1.00	1.00	1.00	1.00	0.98	0.99	1.00	1.00	1.00	1.00
3 *(0.91)*	36 *(91)*	0.94	0.89	0.96	1.00	0.98	0.85	0.89	1.00	1.00	1.00	1.00
4 *(1.22)*	48 *(122)*	0.88	0.78	0.91	1.00	0.94	0.70	0.77	1.00	1.00	0.97	0.98
5 *(1.52)*	60 *(152)*	0.82	0.68	0.88	0.98	0.91	0.55	0.67	0.97	1.00	0.90	0.93
6 *(1.83)*	72 *(183)*	0.78	0.59	0.84	0.97	0.89	0.44	0.58	0.93	0.97	0.83	0.87
7 *(2.13)*	84 *(213)*	0.75	0.52	0.82	0.96	0.86	0.38	0.51	0.89	0.95	0.76	0.81
8 *(2.44)*	96 *(244)*	0.71	0.47	0.79	0.94	0.84	0.33	0.46	0.85	0.92	0.68	0.76
9 *(2.74)*	108 *(274)*	0.69	0.43	0.77	0.93	0.82	0.30	0.42	0.81	0.90	0.61	0.70
10 *(3.05)*	120 *(305)*	0.66	0.40	0.75	0.92	0.80	0.28	0.40	0.78	0.87	0.54	0.64
12 *(3.66)*	144 *(366)*	0.61	0.36	0.70	0.89	0.76	0.24	0.36	0.70	0.82	0.43	0.53
14 *(4.27)*	168 *(427)*	0.55	0.32	0.66	0.86	0.73	0.22	0.32	0.63	0.78	0.35	0.45
16 *(4.88)*	192 *(488)*	0.51	0.30	0.62	0.84	0.69	0.21	0.30	0.56	0.73	0.30	0.39
18 *(5.49)*	216 *(549)*	0.47	0.28	0.58	0.81	0.65	0.19	0.28	0.49	0.68	0.27	0.34
20 *(6.10)*	240 *(610)*	0.44	0.26	0.54	0.78	0.61	0.18	0.26	0.44	0.63	0.24	0.30

Channels & Combinations in Descending Order of Strength

Channel	Area In^2 *(cm^2)*	Weight lbs/ft *(kg/m)*	I In^4 *(cm^4)*	s In^3*(cm^3)*	Allow. Moment In-lbs *(N•m)*
CH5001	1.793 *11.57*	6.10 *9.1*	6.227 *259.2*	1.916 *31.4*	48,180 *5,440*
CH5501	1.452 *9.37*	4.94 *7.3*	2.805 *116.8*	1.151 *18.9*	28,940 *3,270*
CH5000	0.897 *5.78*	3.05 *4.5*	1.098 *45.7*	0.627 *10.3*	15,770 *1,780*
CH1001	1.111 *7.16*	3.78 *5.6*	0.928 *38.6*	0.571 *9.4*	14,360 *1,620*
CH3001	1.000 *6.45*	3.40 *5.1*	0.591 *24.6*	0.430 *7.0*	10,810 *1,220*
CH5500	0.726 *4.68*	2.47 *3.7*	0.522 *21.7*	0.390 *6.4*	9,820 *1,110*
CH9200	0.489 *3.16*	2.23 *3.3*	0.279 *11.6*	0.297 *4.9*	7,480 *850*
CH9000	0.387 *2.50*	1.88 *2.8*	0.166 *6.9*	0.205 *3.4*	5,150 *580*
CH1000	0.555 *3.58*	1.89 *2.8*	0.185 *7.7*	0.202 *3.3*	5,070 *570*
CH3301	0.790 *5.10*	2.69 *4.0*	0.176 *7.3*	0.201 *3.3*	5,060 *570*
CH1100	0.418 *2.69*	1.42 *2.1*	0.145 *6.0*	0.162 *2.6*	4,060 *460*
CH3000	0.500 *3.23*	1.70 *2.5*	0.120 *5.0*	0.153 *2.5*	3,850 *430*
CH3300	0.395 *2.55*	1.34 *2.0*	0.037 *1.5*	0.072 *1.2*	1,800 *200*
CH4100	0.290 *1.87*	0.98 *1.5*	0.026 *1.1*	0.054 *0.9*	1,360 *150*

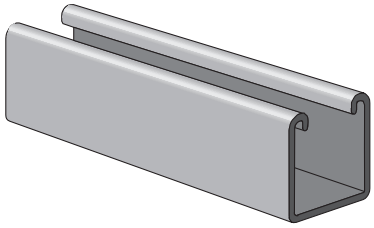
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1





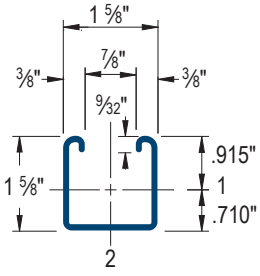
CH1000

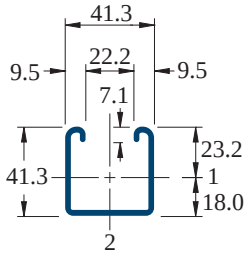
1-5/8" x 1-5/8"
12 Gauge Channel
Wt/100 Ft:189 Lbs



Material & Finish: PG, HG, PL, AL, SS, FG

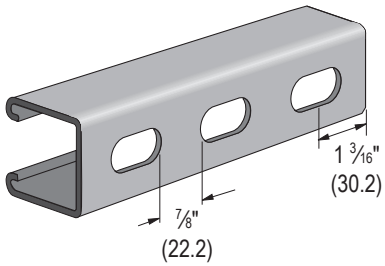
Lengths: 10' & 20'





CH1000T

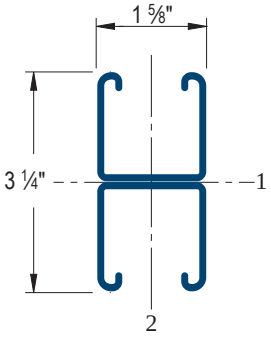
1-5/8" x 1-5/8"
12 Gauge Channel
Wt/100 Ft:185 Lbs

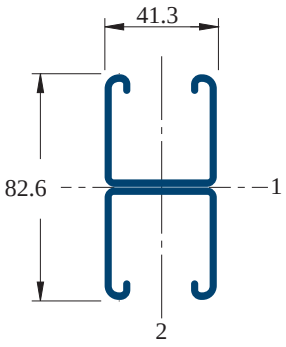


Slots are
1⅛" (28.6) x 9/16" (14.3)
2" (50.8) on Centre

Material & Finish: PG, HG, PL, SS, FG

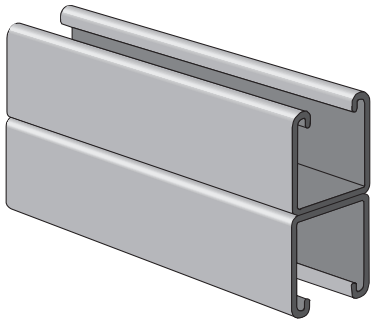
Lengths: 10' & 20'





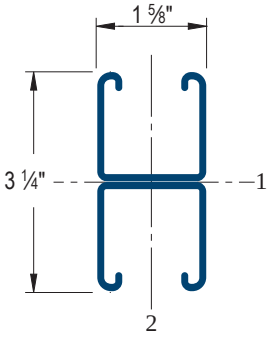
CH1001

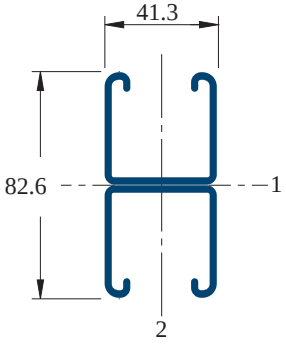
3-1⁄4" x 1-5⁄8"
12 Gauge Channel
Wt/100 Ft:378 Lbs



Material & Finish: PG, HG, PL, SS

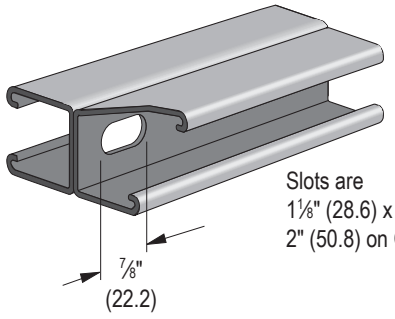
Lengths: 10' & 20'





CH1001T

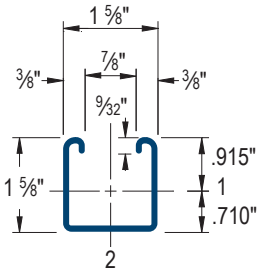
3-1⁄4" x 1-5⁄8"
12 Gauge Channel
Wt/100 Ft:321 Lbs

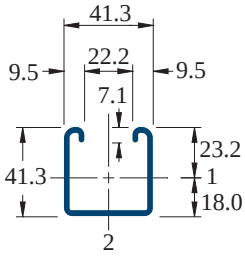


Material & Finish: PG, HG, SS

Lengths: 10' & 20'

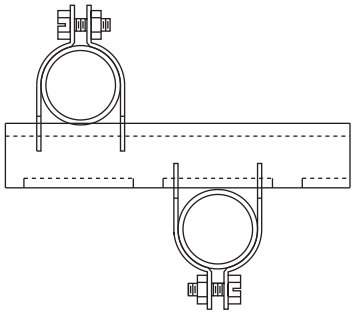
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

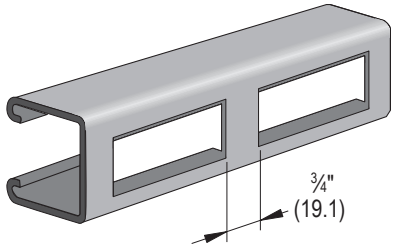




CH1000DS

1-5⁄8" x 1-5⁄8"
12 Gauge Channel
Wt/100 Ft:173 Lbs





Slots are 2¾" (69.9) x 7⁄8" (22.2)
3½" (88.9) on Center

The unique oversized slots in the CH1000DS allow pipe clamps to be mounted on either side of the channel

Material & Finish: PG

Lengths: 10' & 20'



Beam Loading

Channel No.	Span In	Max. Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
				Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
CH1000	24	1,690	0.06	1,690	1,690	1,690
CH1001		3,500*	0.02	3,500*	3,500*	3,500*
CH1000	36	1,130	0.13	1,130	1,130	900
CH1001		3,190	0.07	3,190	3,190	3,190
CH1000	48	850	0.22	850	760	500
CH1001		2,390	0.13	2,390	2,390	2,390
CH1000	60	680	0.35	650	480	320
CH1001		1,910	0.20	1,910	1,910	1,620
CH1000	72	560	0.50	450	340	220
CH1001		1,600	0.28	1,600	1,600	1,130
CH1000	84	480	0.68	330	250	160
CH1001		1,370	0.39	1,370	1,240	830
CH1000	96	420	0.89	250	190	130
CH1001		1,200	0.51	1,200	950	630
CH1000	108	380	1.14	200	150	100
CH1001		1,060	0.64	1,000	750	500
CH1000	120	340	1.40	160	120	80
CH1001		960	0.79	810	610	410
CH1000	144	280	2.00	110	80	60
CH1001		800	1.14	560	420	280
CH1000	168	240	2.72	80	60	40
CH1001		680	1.53	410	310	210
CH1000	192	210	3.55	60	50	NR
CH1001		600	2.02	320	240	160
CH1000	216	190	4.58	50	40	NR
CH1001		530	2.54	250	190	130
CH1000	240	170	5.62	40	NR	NR
CH1001		480	3.16	200	150	100

Notes:

* Load limited by spot weld shear.

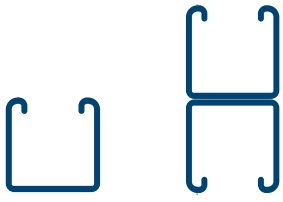
** KL/*r* > 200

NR = Not Recommended.

1. Beam loads are given in *total* uniform load (W Lbs) not uniform load (*w lbs/ft or w lbs/in*).
2. Beam loads are based on a simple span and must be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity.
3. For pierced channel, multiply beam loads by the following factor:
   "T" Series - 85% **"DS" Series - 70%**
4. Deduct channel weight from the beam loads.
5. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%.
6. All beam loads are for bending about Axis 1-1.

Column Loading

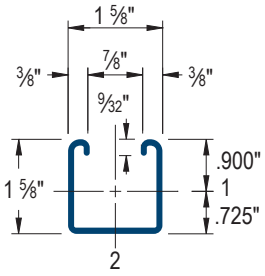
Channel No.	Unbraced Height In	Max. Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
			K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
CH1000	24	3,550	10,740	9,890	8,770	7,740
CH1001		6,430	24,280	23,610	22,700	21,820
CH1000	36	3,190	8,910	7,740	6,390	5,310
CH1001		6,290	22,810	21,820	20,650	19,670
CH1000	48	2,770	7,260	6,010	4,690	3,800
CH1001		6,160	21,410	20,300	18,670	16,160
CH1000	60	2,380	5,910	4,690	3,630	2,960
CH1001		6,000	20,210	18,670	15,520	12,390
CH1000	72	2,080	4,840	3,800	2,960	2,400
CH1001		5,620	18,970	16,160	12,390	8,950
CH1000	84	1,860	4,040	3,200	2,480	1,980
CH1001		5,170	16,950	13,630	9,470	6,580
CH1000	96	1,670	3,480	2,750	2,110	1,660
CH1001		4,690	14,890	11,190	7,250	5,040
CH1000	108	1,510	3,050	2,400	1,810	**
CH1001		4,170	12,850	8,950	5,730	3,980
CH1000	120	1,380	2,700	2,110	**	**
CH1001		3,690	10,900	7,250	4,640	**
CH1000	144	1,150	2,180	1,660	**	**
CH1001		2,930	7,630	5,040	**	**

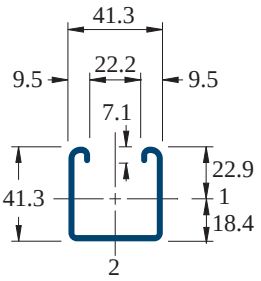


Elements of Section

Channel No.	Area of Section in^2	Axis 1-1			Axis 2-2		
		I in^4	s in^3	r in	I in^4	s in^3	r in
CH1000	0.555	0.185	0.202	0.577	0.236	0.290	0.651
CH1001	1.111	0.928	0.571	0.914	0.471	0.580	0.651

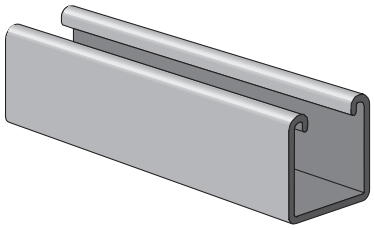
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1





CH1100

1-5/8" x 1-5/8"
14 Gauge Channel
Wt/100 Ft:142 Lbs



Material & Finish: PG

Lengths: 10' & 20'

CH1100 - Beam Loading

Span In	Max Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
			Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
24	1,350	0.06	1,350	1,350	1,350
36	900	0.13	900	900	700
48	680	0.23	680	590	400
60	540	0.36	510	380	250
72	450	0.51	350	260	180
84	390	0.70	260	190	130
96	340	0.92	200	150	100
108	300	1.15	160	120	80
120	270	1.42	130	90	60
144	230	2.09	90	70	40
168	190	2.75	60	50	30
192	170	3.67	50	40	NR
216	150	4.61	40	30	NR
240	140	5.90	30	NR	NR

CH1100 - Column Loading

Unbraced Height In	Maximum Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
		K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
24	2,800	8,040	7,330	6,360	5,430
36	2,410	6,480	5,430	4,190	3,210
48	1,940	4,990	3,830	2,760	2,160
60	1,550	3,740	2,760	2,050	1,640
72	1,290	2,860	2,160	1,640	1,320
84	1,100	2,310	1,780	1,370	1,110
96	950	1,950	1,520	1,180	950
108	840	1,690	1,320	1,030	**
120	760	1,490	1,180	**	**
144	630	1,210	950	**	**

Notes:

** KL/*r* > 200

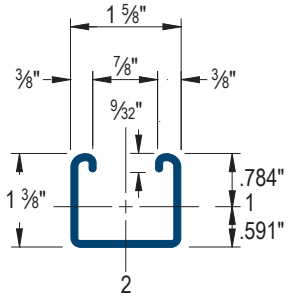
NR = Not Recommended.

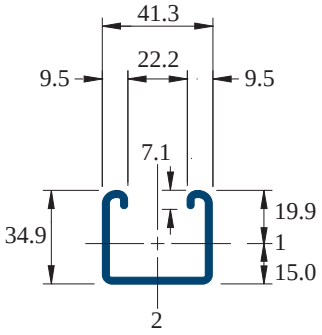
1. Beam loads are given in *total* uniform load (W Lbs) not uniform load (*w lbs/ft or w lbs/in*).
2. Beam loads are based on a simple span and must be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity.
3. Deduct channel weight from the beam loads.
4. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%.
5. All beam loads are for bending about Axis 1-1.

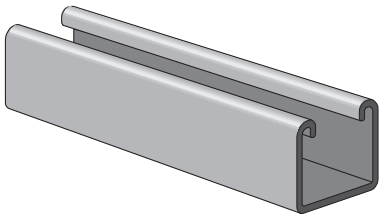


Elements of Section

Area of Section in^2	Axis 1-1			Axis 2-2		
	I in^4	s in^3	r in	I in^4	s in^3	r in
0.418	0.145	0.162	0.589	0.176	0.217	0.650







CH3000

1-3/8" x 1-5/8"
12 Gauge Channel
Wt/100 Ft: 170Lbs

Material & Finish: PG

Lengths: 10' & 20'

Beam Loading

Span In	Max Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
			Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
24	1,280	0.07	1,280	1,280	1,280
36	850	0.15	850	850	580
48	640	0.26	640	490	330
60	510	0.41	420	310	210
72	430	0.59	290	220	150
84	370	0.81	210	160	110
96	320	1.05	160	120	80
108	280	1.30	130	100	60
120	260	1.66	100	80	50
144	210	2.32	70	50	40
168	180	3.15	50	40	30
192	160	4.18	40	30	NR
216	140	5.21	NR	NR	NR
240	130	6.64	NR	NR	NR

Notes:

** KL/*r* > 200

NR = Not Recommended.

1. Beam loads are given in *total* uniform load (W Lbs) not uniform load (*w lbs/ft or w lbs/in*).
2. Beam loads are based on a simple span and must be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity.
3. Deduct channel weight from the beam loads.
4. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%.
5. All beam loads are for bending about Axis 1-1.

Column Loading

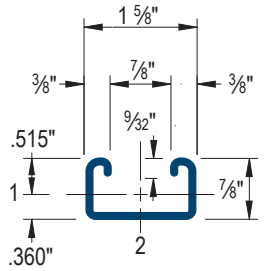
Unbraced Height In	Maximum Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
		K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
24	3,180	9,690	8,980	8,050	7,210
36	2,920	8,160	7,210	6,130	5,240
48	2,590	6,820	5,810	4,730	3,860
60	2,300	5,740	4,730	3,690	2,990
72	2,040	4,850	3,860	2,990	2,270
84	1,830	4,100	3,240	2,400	**
96	1,650	3,530	2,770	1,840	**
108	1,450	3,080	2,270	**	**
120	1,250	2,710	1,840	**	**

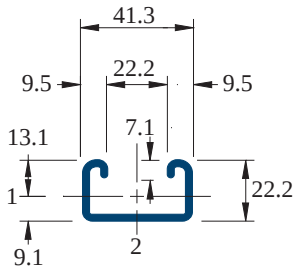


Elements of Section

Area of Section in^2	Axis 1-1			Axis 2-2		
	I in^4	s in^3	r in	I in^4	s in^3	r in
0.500	0.120	0.153	0.489	0.203	0.250	0.638

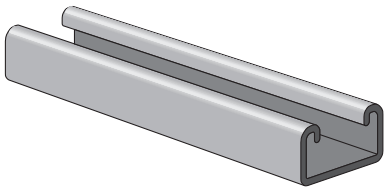
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1





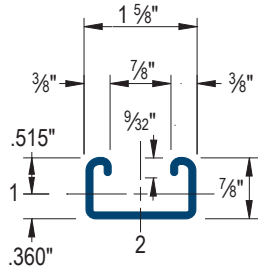
CH3300

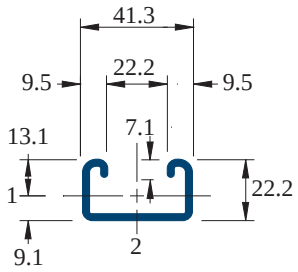
7/8" x 1-5/8"
12 Gauge Channel
Wt/100 Ft: 134 Lbs



Material & Finish: PG, HG

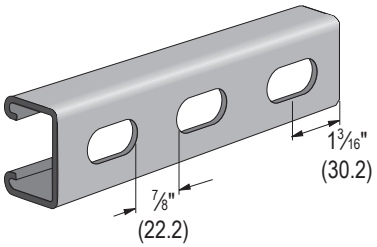
Lengths: 10' & 20'





CH3300T

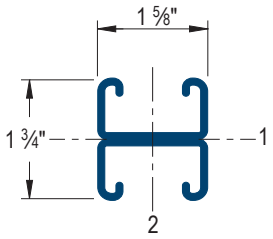
7/8" x 1-5/8"
12 Gauge Channel
Wt/100 Ft: 130 Lbs

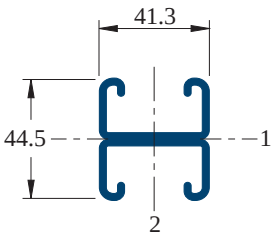


Slots are
1 1/8" (28.6) x 9/16" (14.3)
2" (50.8) on Center

Material & Finish: PG, HG

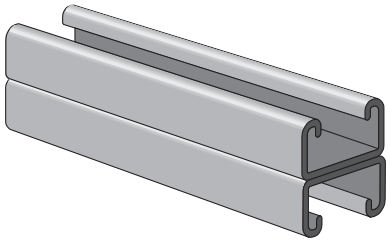
Lengths: 10' & 20'





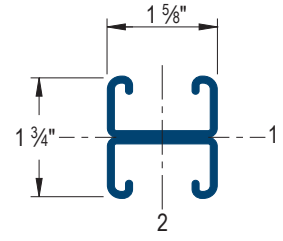
CH3301

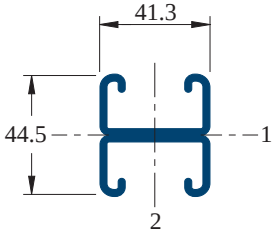
1-¾" x 1-⅝"
12 Gauge Channel
Wt/100 Ft: 269 Lbs



Material & Finish: PG, HG

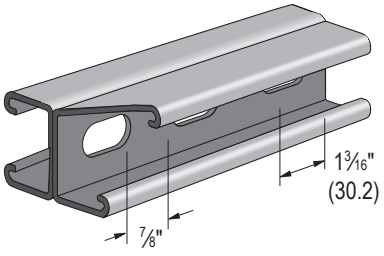
Lengths: 10' & 20'





CH3301T

1-¾" x 1-⅝"
12 Gauge Channel
Wt/100 Ft: 260 Lbs



Slots are
1⅛" (28.6) x 9/16" (14.3)
2" (50.8) on Center

Material & Finish: PG

Lengths: 10' & 20'

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

Beam Loading

Channel No.	Span In	Max. Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
				Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
CH3300	24	600	0.10	600	600	400
CH3301		1,690	0.06	1,690	1,690	1,690
CH3300	36	400	0.22	360	270	180
CH3301		1,130	0.13	1,130	1,130	860
CH3300	48	300	0.40	200	150	100
CH3301		840	0.23	840	720	480
CH3300	60	240	0.62	130	100	60
CH3301		680	0.37	620	460	310
CH3300	72	200	0.89	90	70	40
CH3301		560	0.52	430	320	210
CH3300	84	170	1.20	70	50	30
CH3301		480	0.71	310	240	160
CH3300	96	150	1.59	50	40	30
CH3301		420	0.93	240	180	120
CH3300	108	130	1.96	40	30	20
CH3301		380	1.20	190	140	100
CH3300	120	120	2.48	30	20	20
CH3301		340	1.47	150	120	80
CH3300	144	-	-	-	-	-
CH3301		280	2.09	110	80	50

Notes:

* Load limited by spot weld shear.

** KL/*r* > 200

NR = Not Recommended.

1. Beam loads are given in *total* uniform load (W Lbs) not uniform load (*w lbs/ft or w lbs/in*).
2. Beam loads are based on a simple span and must be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity.
3. For pierced channel, multiply beam loads by the following factor:

   "T" Series - 85%
4. Deduct channel weight from the beam loads.
5. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%.
6. All beam loads are for bending about Axis 1-1.

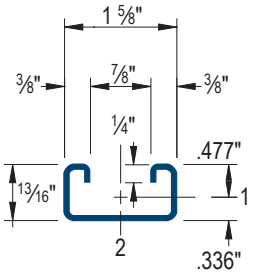
Column Loading

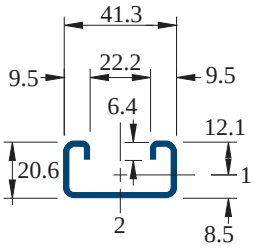
Channel No.	Unbraced Height In	Max. Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
			K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
CH3300	24	2,360	7,740	7,260	6,350	5,390
CH3301		4,290	16,990	16,580	15,770	14,720
CH3300	36	2,120	6,470	5,390	3,990	2,810
CH3301		4,150	15,890	14,720	12,980	11,120
CH3300	48	1,760	4,910	3,550	2,270	1,580
CH3301		3,940	14,160	12,360	9,880	7,510
CH3300	60	1,380	3,440	2,270	1,460	**
CH3301		3,650	12,210	9,880	6,940	4,820
CH3300	72	1,080	2,390	1,580	**	**
CH3301		3,270	10,190	7,510	4,820	3,350
CH3300	84	-	-	-	-	-
CH3301		2,800	8,220	5,530	3,540	**
CH3300	96	-	-	-	-	-
CH3301		2,410	6,420	4,240	**	**
CH3300	108	-	-	-	-	-
CH3301		2,080	5,070	3,350	**	**



Elements of Section

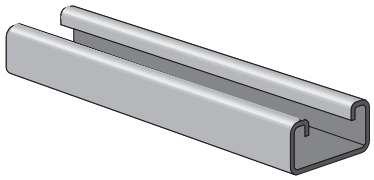
Channel No.	Area of Section in^2	Axis 1-1			Axis 2-2		
		I in^4	s in^3	r in	I in^4	s in^3	r in
CH3300	0.395	0.037	0.072	0.306	0.143	0.176	0.601
CH3301	0.790	0.176	0.201	0.472	0.285	0.351	0.601





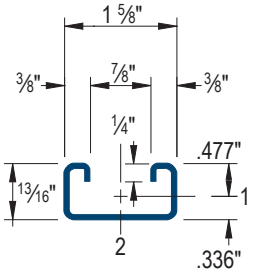
CH4100

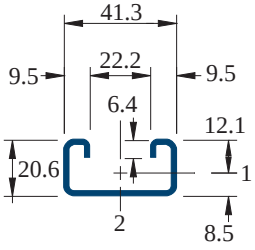
13/16" x 1-5/8"
14 Gauge Channel
Wt/100 Ft: 98 Lbs



Material & Finish: PG, SS, PL

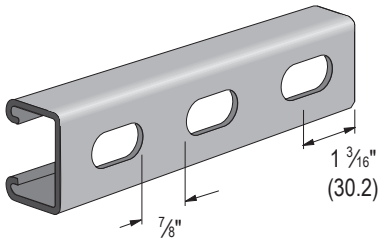
Lengths: 10' & 20'





CH4100T

13/16" x 1-5/8"
14 Gauge Channel
Wt/100 Ft: 87 Lbs



Slots are
1⅛" (28.6) x 9/16" (14.3)
2" (50.8) on Center

Material & Finish: PG, SS

Lengths: 10' & 20'

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

Beam Loading

Span In	Max Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
			Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
24	450	0.11	450	420	280
36	300	0.24	250	190	130
48	230	0.44	140	110	70
60	180	0.67	90	70	50
72	150	0.96	60	50	30
84	130	1.32	50	30	20
96	110	1.67	40	30	20
108	100	2.16	30	20	10
120	90	2.67	20	20	10
144	80	4.09	20	NR	NR
168	60	4.88	NR	NR	NR
192	60	7.28	NR	NR	NR
216	50	8.64	NR	NR	NR
240	50	11.85	NR	NR	NR

Notes:

** KL/*r* > 200

NR = Not Recommended.

1. Beam loads are given in *total* uniform load (W Lbs) not uniform load (*w lbs/ft or w lbs/in*).
2. Beam loads are based on a simple span and must be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity.
3. For pierced channel, multiply beam loads by the following factor:
   "T" Series - 85%
4. Deduct channel weight from the beam loads.
5. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%.
6. All beam loads are for bending about Axis 1-1.

Column Loading

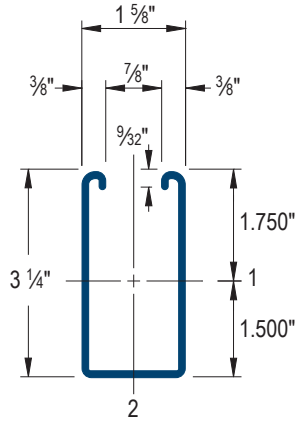
Unbraced Height In	Maximum Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
		K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
24	1,840	5,610	5,210	4,570	3,850
36	1,640	4,660	3,850	2,800	1,960
48	1,310	3,490	2,480	1,590	1,100
60	1,000	2,400	1,590	**	**
72	770	1,670	1,100	**	**

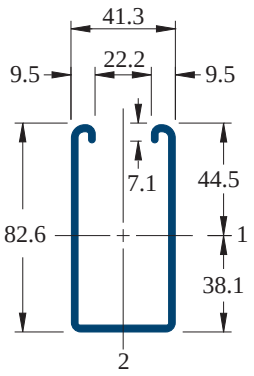


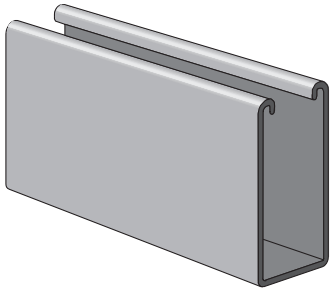
Elements of Section

Area of Section in^2	Axis 1-1			Axis 2-2		
	I in^4	s in^3	r in	I in^4	s in^3	r in
0.290	0.026	0.054	0.298	0.107	0.132	0.609







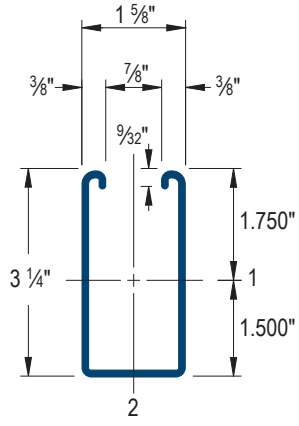


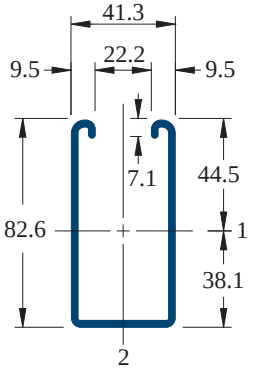
CH5000

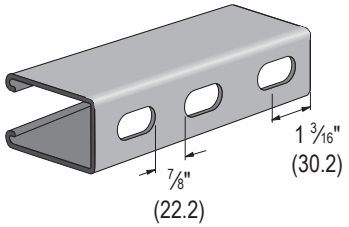
3-1/4" x 1-5/8"
12 Gauge Channel
Wt/100 Ft: 305 Lbs

Material & Finish: PG

Lengths: 10' & 20'







Slots are
1⅛" (28.6) x 9/16" (14.3)
2" (50.8) on Center

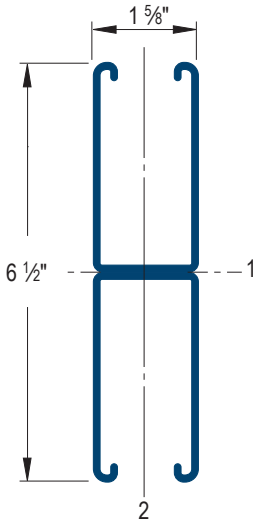
CH5000T

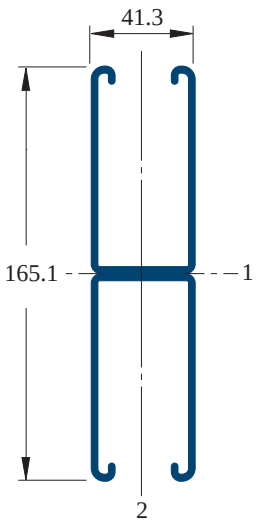
3-1/4" x 1-5/8"
12 Gauge Channel
Wt/100 Ft: 300 Lbs

Material & Finish: PG

Lengths: 10' & 20'

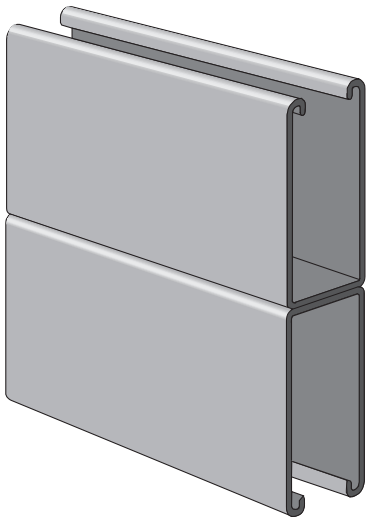
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1





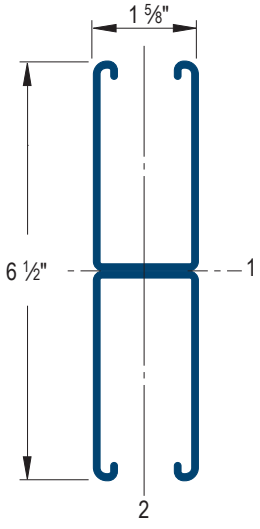
CH5001

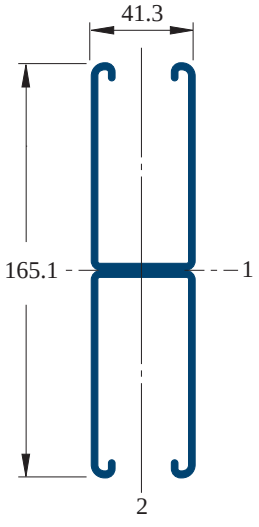
6-½" x 1-⅝"
12 Gauge Channel
Wt/100 Ft: 610 Lbs



Material & Finish: PG

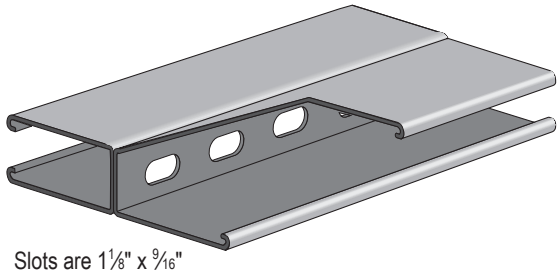
Lengths: 10' & 20'





CH5001T

6-½" x 1-⅝"
12 Gauge Channel
Wt/100 Ft: 600 Lbs



Slots are 1⅛" x 9⁄16"
2" on Center

Material & Finish: PG

Lengths: 10' & 20'

Beam Loading

Channel No.	Span In	Max. Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
				Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
CH5000	24	5,260	0.03	5,260	5,260	5,260
CH5001		6,890*	0.01	6,890*	6,890*	6,890*
CH5000	36	3,500	0.07	3,500	3,500	3,500
CH5001		6,890*	0.02	6,890*	6,890*	6,890*
CH5000	48	2,630	0.12	2,630	2,630	2,630
CH5001		6,890*	0.05	6,890*	6,890*	6,890*
CH5000	60	2,100	0.18	2,100	2,100	1,920
CH5001		6,420	0.10	6,420	6,420	6,420
CH5000	72	1,750	0.26	1,750	1,750	1,330
CH5001		5,350	0.14	5,350	5,350	5,350
CH5000	84	1,500	0.36	1,500	1,470	980
CH5001		4,590	0.19	4,590	4,590	4,590
CH5000	96	1,310	0.47	1,310	1,120	750
CH5001		4,020	0.25	4,020	4,020	4,020
CH5000	108	1,170	0.59	1,170	890	590
CH5001		3,570	0.32	3,570	3,570	3,360
CH5000	120	1,050	0.73	960	720	480
CH5001		3,210	0.39	3,210	3,210	2,720
CH5000	144	880	1.06	670	500	330
CH5001		2,680	0.57	2,680	2,680	1,890
CH5000	168	750	1.43	490	370	240
CH5001		2,290	0.77	2,290	2,080	1,390
CH5000	192	660	1.88	370	280	190
CH5001		2,010	1.01	2,010	1,590	1,060
CH5000	216	580	2.35	300	220	150
CH5001		1,780	1.27	1,680	1,260	840
CH5000	240	530	2.95	240	180	120
CH5001		1,610	1.58	1,360	1,020	680

Notes:

* Load limited by spot weld shear.

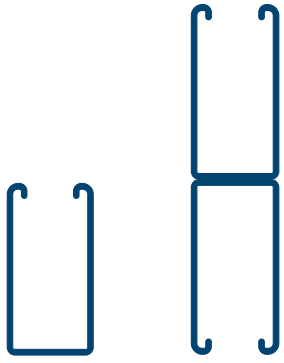
** KL/*r* > 200

NR = Not Recommended.

1. Beam loads are given in *total* uniform load (W Lbs) not uniform load (*w lbs/ft or w lbs/in*).
2. Beam loads are based on a simple span and must be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity.
3. For pierced channel, multiply beam loads by the following factor:
   "T" Series - 85%
4. Deduct channel weight from the beam loads.
5. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%.
6. All beam loads are for bending about Axis 1-1.

Column Loading

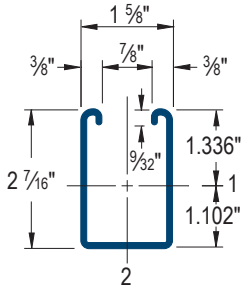
Channel No.	Unbraced Height In	Max. Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
			K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
CH5000	24	5,650	16,870	15,180	12,850	10,600
CH5001		10,670	39,230	38,030	36,210	34,240
CH5000	36	4,690	13,140	10,600	7,650	5,660
CH5001		10,350	36,450	34,240	31,200	28,260
CH5000	48	3,560	9,550	6,860	4,790	3,660
CH5001		9,940	33,220	30,200	26,430	23,190
CH5000	60	2,730	6,680	4,790	3,450	2,710
CH5001		9,290	29,950	26,430	22,470	19,380
CH5000	72	2,160	4,980	3,660	2,710	2,170
CH5001		8,560	26,880	23,190	19,380	16,450
CH5000	84	1,760	3,950	2,960	2,240	1,820
CH5001		7,860	24,140	20,520	17,040	12,090
CH5000	96	1,500	3,270	2,500	1,930	1,580
CH5001		7,220	21,790	18,370	13,330	9,250
CH5000	108	1,310	2,800	2,170	1,690	1,390
CH5001		6,600	19,790	16,450	10,530	7,310
CH5000	120	1,170	2,450	1,930	1,510	**
CH5001		5,760	18,130	13,330	8,530	**
CH5000	144	980	1,980	1,580	**	**
CH5001		4,390	14,020	9,250	**	**
CH5000	168	850	1,670	1,340	**	**
CH5001		3,420	10,300	6,800	**	**

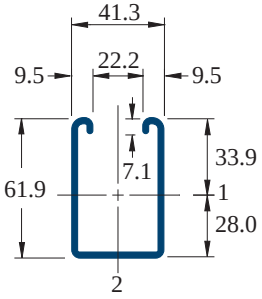


Elements of Section

Channel No.	Area of Section in^2	Axis 1-1			Axis 2-2		
		I in^4	s in^3	r in	I in^4	s in^3	r in
CH5000	0.897	1.098	0.627	1.107	0.433	0.533	0.695
CH5001	1.793	6.227	1.916	1.864	0.866	1.066	0.695

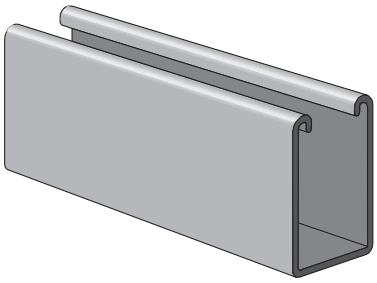
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1





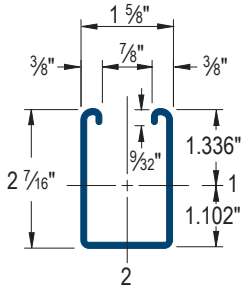
CH5500

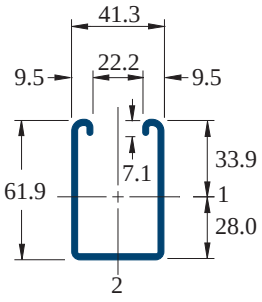
2-7/16" x 1-5/8"
12 Gauge Channel
Wt/100 Ft: 247 Lbs



Material & Finish: PG

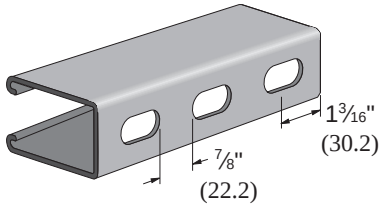
Lengths: 10' & 20'





CH5500T

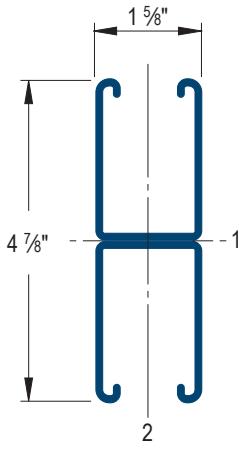
2-7/16" x 1-5/8"
12 Gauge Channel
Wt/100 Ft: 242 Lbs

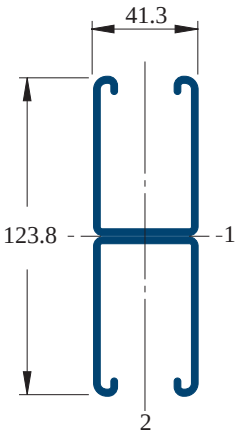


Slots are
1⅛" (28.6) x 9/16" (14.3)
2" (50.8) on Center

Material & Finish: PG

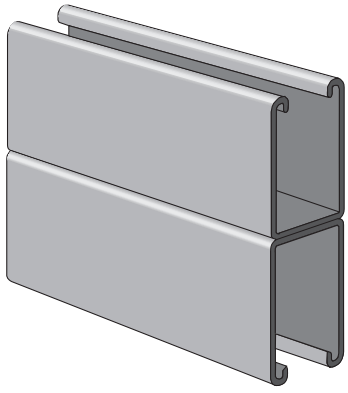
Lengths: 10' & 20'





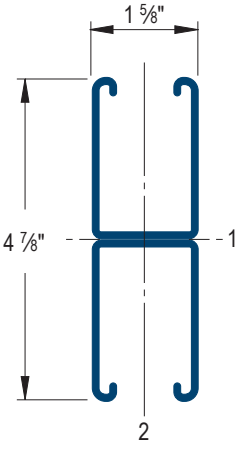
CH5501

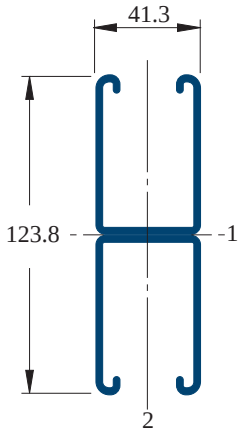
4-7/8" x 1-5/8"
12 Gauge Channel
Wt/100 Ft: 494 Lbs



Material & Finish: PG

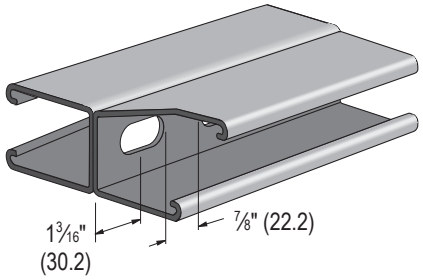
Lengths: 10' & 20'





CH5501T

4-7/8" x 1-5/8"
12 Gauge Channel
Wt/100 Ft: 494 Lbs



Slots are
1 1/8" (28.6) x 9/16" (14.3)
2" (50.8) on Center

Material & Finish: PG

Lengths: 10' & 20'

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

Beam Loading

Channel No.	Span In	Max. Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
				Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
CH5500	24	3,270	0.04	3,270	3,270	3,270
CH5501		5,220*	0.01	5,220*	5,220*	5,220*
CH5500	36	2,180	0.09	2,180	2,180	2,180
CH5501		5,220*	0.04	5,220*	5,220*	5,220*
CH5500	48	1,640	0.15	1,640	1,640	1,420
CH5501		4,820	0.08	4,820	4,820	4,820
CH5500	60	1,310	0.24	1,310	1,310	910
CH5501		3,860	0.13	3,860	3,860	3,860
CH5500	72	1,090	0.34	1,090	950	630
CH5501		3,220	0.19	3,220	3,220	3,220
CH5500	84	940	0.47	930	700	470
CH5501		2,760	0.26	2,760	2,760	2,500
CH5500	96	820	0.61	710	530	360
CH5501		2,410	0.34	2,410	2,410	1,920
CH5500	108	730	0.78	560	420	280
CH5501		2,140	0.42	2,140	2,140	1,510
CH5500	120	650	0.95	460	340	230
CH5501		1,930	0.52	1,930	1,840	1,230
CH5500	144	550	1.39	320	240	160
CH5501		1,610	0.76	1,610	1,280	850
CH5500	168	470	1.89	230	170	120
CH5501		1,380	1.03	1,250	940	630
CH5500	192	410	2.46	180	130	90
CH5501		1,210	1.35	960	720	480
CH5500	216	360	3.07	140	110	70
CH5501		1,070	1.70	760	570	380
CH5500	240	330	3.86	110	90	60
CH5501		960	2.09	610	460	310

Notes:

* Load limited by spot weld shear.

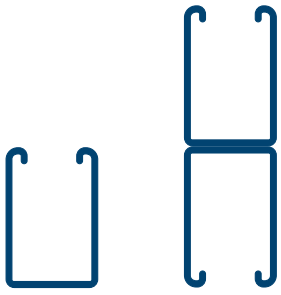
** KL/*r* > 200

NR = Not Recommended.

1. Beam loads are given in *total* uniform load (W Lbs) not uniform load (*w lbs/ft or w lbs/in*).
2. Beam loads are based on a simple span and must be adequately laterally braced. Unbraced spans can reduce beam load carrying capacity.
3. For pierced channel, multiply beam loads by the following factor:
   "T" Series - 85%
4. Deduct channel weight from the beam loads.
5. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%.
6. All beam loads are for bending about Axis 1-1.

Column Loading

Channel No.	Unbraced Height In	Max. Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
			K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
CH5500	24	4,640	13,840	12,570	10,840	9,190
CH5501		8,580	31,810	30,880	29,520	28,100
CH5500	36	3,970	11,050	9,190	7,030	5,370
CH5501		8,350	29,700	28,100	26,000	24,070
CH5500	48	3,180	8,420	6,390	4,620	3,630
CH5501		8,080	27,390	25,330	22,910	20,940
CH5500	60	2,550	6,250	4,620	3,450	2,780
CH5501		7,720	25,170	22,910	20,510	17,170
CH5500	72	2,120	4,790	3,630	2,780	2,260
CH5501		7,270	23,190	20,940	17,170	12,700
CH5500	84	1,810	3,890	3,010	2,330	1,910
CH5501		6,780	21,510	18,740	13,430	9,330
CH5500	96	1,580	3,290	2,580	2,020	1,650
CH5501		6,130	20,110	15,630	10,290	7,150
CH5500	108	1,400	2,860	2,260	1,770	1,440
CH5501		5,450	17,750	12,700	8,130	5,650
CH5500	120	1,270	2,530	2,020	1,580	**
CH5501		4,800	15,260	10,290	6,590	**
CH5500	144	1,060	2,070	1,650	**	**
CH5501		3,760	10,830	7,150	**	**
CH5500	168	920	1,750	1,380	**	**
CH5501		2,970	7,950	5,250	**	**

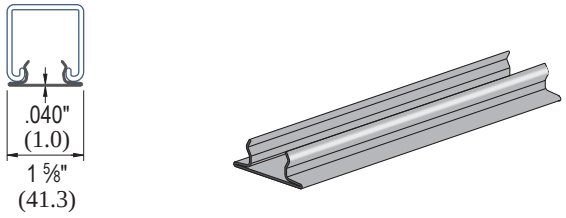


Elements of Section

Channel No.	Area of Section in^2	Axis 1-1			Axis 2-2		
		I in^4	s in^3	r in	I in^4	s in^3	r in
CH5500	0.726	0.522	0.390	0.848	0.334	0.411	0.679
CH5501	1.452	2.805	1.151	1.390	0.669	0.823	0.679

CLOSURE STRIP AND END CAPS

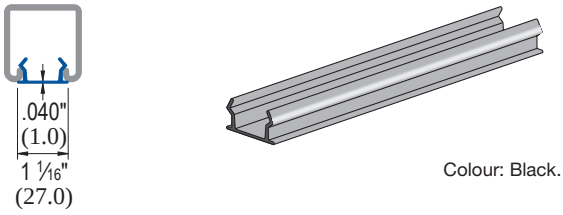
CH3184



Wt/100 Ft: 47 Lbs

Material & Finish: PG | Lengths: 10'

CH3712P

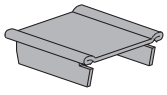


Colour: Black.

Wt/100 Ft: 5.4 Lbs

Material & Finish: Plastic | Lengths: 10'

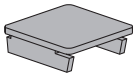
GF1280



Use with CH1000

Material & Finish: EG

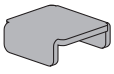
GF1280W



Use with CH1000

Material & Finish: EG

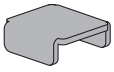
GF2407



Use with CH1000

Material & Finish: EG

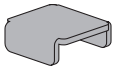
GF3280



Use with CH3000
or CI3270

Material & Finish: EG

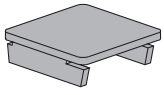
GF3380



Use with CH3300
or CI3370

Material & Finish: EG

GF5580



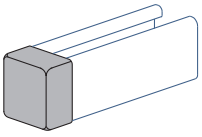
Use with CH5500

Material & Finish: EG

Other sizes available by special order only. Minimum quantities may apply.

GF2860-10

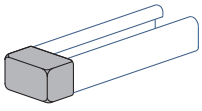
Use with:
CH1000
CH1100
CH2000
CH9000



Material & Finish: VY : Black or White

GF2860-33

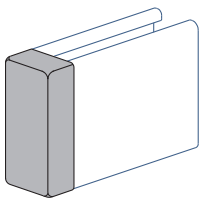
Use with:
CH3300
CH4100



Material & Finish: VY

GF2860-50

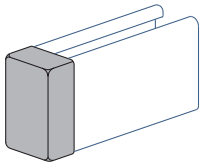
Use with:
CH5000
CH1001



Material & Finish: VY

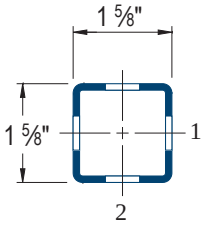
GF2860-55

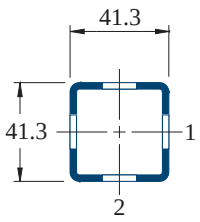
Use with:
CH5500



Material & Finish: VY

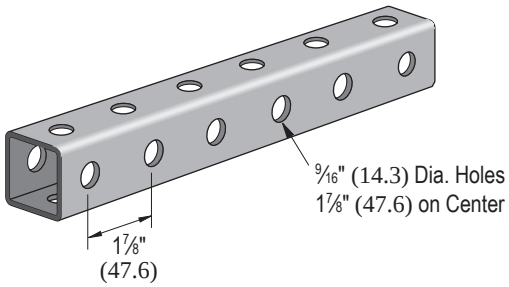
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1





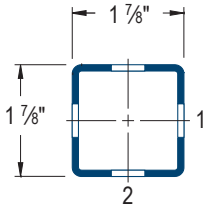
CH9000

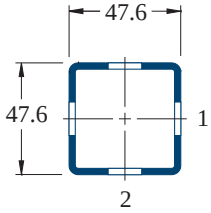
1-5/8" x 1-5/8"
12 Gauge
Wt/100 Ft: 188 Lbs



Material & Finish: PG

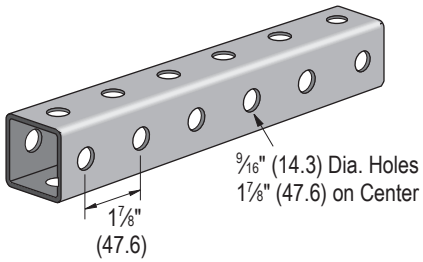
Lengths: 10' & 20'





CH9200

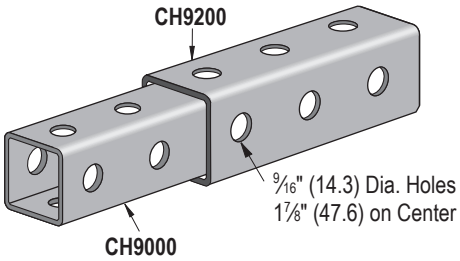
1-7/8" x 1-7/8"
12 Gauge
Wt/100 Ft: 223 Lbs



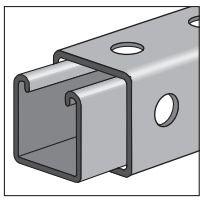
Material & Finish: PG

Lengths: 10' & 20'

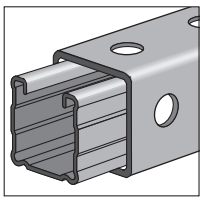
Telescoping Strut's Power



Telescoping strut can be combined with metal framing channel



CH1000 Series



CH1100 Series

Beam Loading

Channel No.	Span In	Max. Allowable Uniform Load Lbs	Defl. at Uniform Load In	Uniform Loading at Deflection		
				Span/180 Lbs	Span/240 Lbs	Span/360 Lbs
CH9000	24	1,710	0.06	1,710	1,710	1,710
CH9200		2,490	0.05	2,490	2,490	2,490
CH9000	36	1,140	0.14	1,140	1,140	810
CH9200		1,660	0.12	1,660	1,660	1,350
CH9000	48	860	0.25	860	680	450
CH9200		1,250	0.22	1,250	1,140	760
CH9000	60	690	0.40	580	440	290
CH9200		1,000	0.34	980	730	490
CH9000	72	570	0.57	400	300	200
CH9200		830	0.49	680	510	340
CH9000	84	490	0.77	300	220	150
CH9200		710	0.67	500	370	250
CH9000	96	430	1.01	230	170	110
CH9200		620	0.87	380	290	190
CH9000	108	380	1.27	180	130	90
CH9200		550	1.10	300	230	150
CH9000	120	340	1.56	150	110	70
CH9200		500	1.37	240	180	120
CH9000	144	290	2.30	100	80	50
CH9200		420	1.98	170	130	80
CH9000	168	240	3.02	70	60	40
CH9200		360	2.70	120	90	60
CH9000	192	210	3.95	60	40	NR
CH9200		310	3.47	100	70	50
CH9000	216	190	5.09	40	NR	NR
CH9200		280	4.47	80	60	NR
CH9000	240	170	6.24	40	NR	NR
CH9200		250	5.47	60	50	NR

Notes:

** KL/r > 200

NR = Not Recommended.

1. Beam loads are given in total uniform load (W Lbs) not uniform load (w lbs/ft or w lbs/in).
2. Deduct Telescoping strut weight from the beam loads.
3. For concentrated midspan point loads, multiply beam loads by 50% and the corresponding deflection by 80%.

Column Loading

Channel No.	Unbraced Height In	Max. Allowable Load at Slot Face Lbs	Maximum Column Load Applied at C.G.			
			K = 0.65 Lbs	K = 0.80 Lbs	K = 1.0 Lbs	K = 1.2 Lbs
CH9000	24	3,640	8,730	8,570	8,330	8,040
CH9200		4,620	11,120	10,980	10,740	10,460
CH9000	36	3,540	8,360	8,040	7,530	6,950
CH9200		4,530	10,770	10,460	9,950	9,370
CH9000	48	3,400	7,880	7,340	6,530	5,660
CH9200		4,390	10,300	9,760	8,940	8,030
CH9000	60	3,210	7,290	6,530	5,440	4,360
CH9200		4,220	9,720	8,940	7,800	6,590
CH9000	72	2,990	6,640	5,660	4,360	3,160
CH9200		4,000	9,050	8,030	6,590	5,180
CH9000	84	2,730	5,940	4,790	3,340	2,320
CH9200		3,750	8,320	7,080	5,410	3,890
CH9000	96	2,430	5,220	3,940	2,560	1,780
CH9200		3,460	7,560	6,110	4,290	2,980
CH9000	108	2,110	4,520	3,160	2,020	1,400
CH9200		3,140	6,770	5,180	3,390	2,360
CH9000	120	1,820	3,840	2,560	1,640	**
CH9200		2,790	5,990	4,290	2,750	1,910
CH9000	144	1,390	2,690	1,780	**	**
CH9200		2,170	4,510	2,980	1,910	**
CH9000	168	–	–	–	–	–
CH9200		1,720	3,320	2,190	**	**

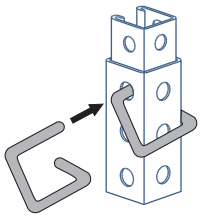


Elements of Section

Channel No.	Area of Section in^2	Axis 1-1			Axis 2-2		
		I in^4	s in^3	r in	I in^4	s in^3	r in
CH9000	0.387	0.166	0.205	0.655	0.166	0.205	0.655
CH9200	0.489	0.279	0.297	0.755	0.279	0.297	0.755

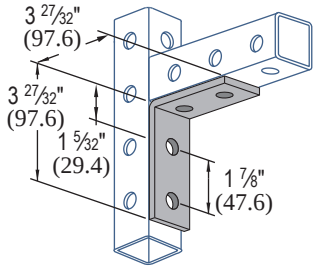
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

GF9209 – GRAVITY PIN



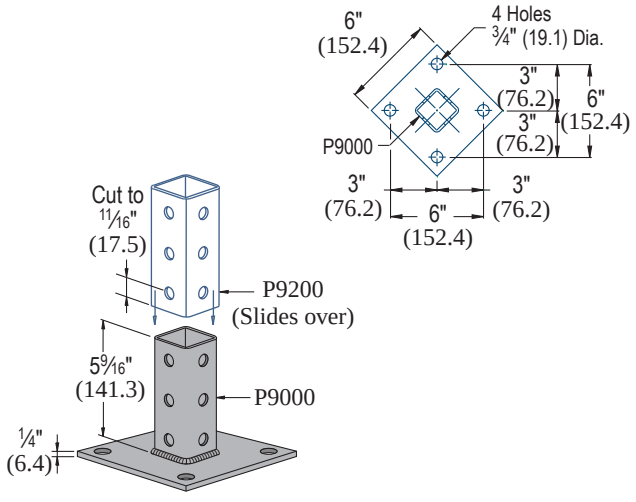
Material & Finish: EG | Wt/100 pcs: 47 Lbs

GF9324



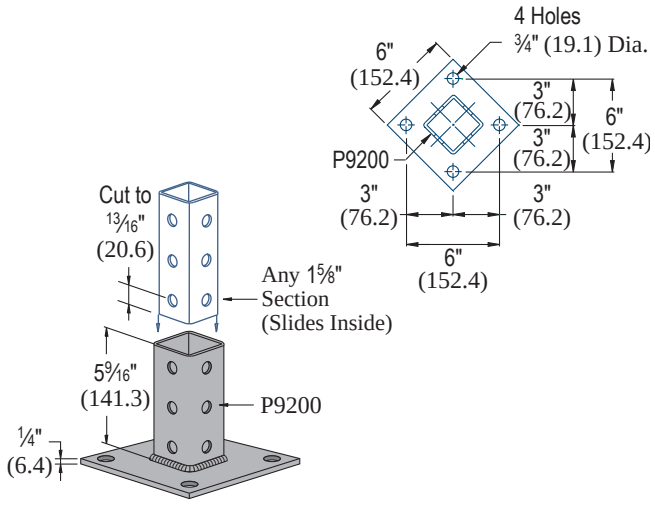
Material & Finish: EG | Wt/100 pcs: 78 Lbs

GF9011



Material & Finish: GR | Wt/100 pcs: 332 Lbs

GF9012



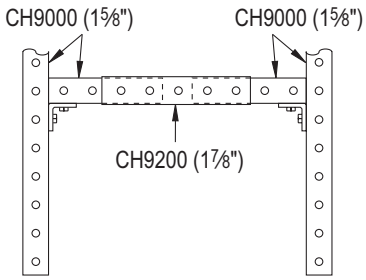
Material & Finish: GR | Wt/100 pcs: 340 Lbs

Standard Dimensions for 1 5/8" (41.3mm) width series channel fittings *(Unless Otherwise Shown on Drawing)*

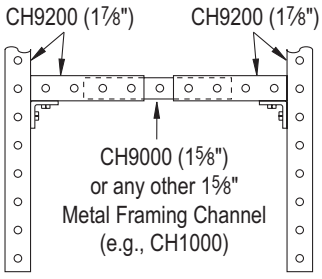
Hole Diameter: 9/16" (14mm); Hole Spacing - From End: 13/16" (21mm); Hole Spacing - On Center: 1 7/8" (48mm); Width: 1 5/8"(41.3mm); Thickness: 1/4" (6mm)

Telescoping Strut's Assembly

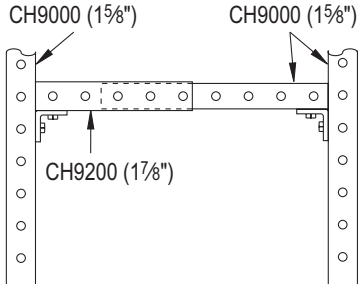
Preferred Three-Piece Assembly



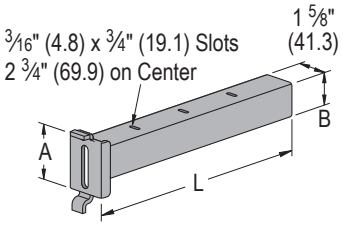
Alternate Three-Piece Assembly



Two-Piece Assembly



CB2920 THRU CB2924 – CABLE BRACKETS



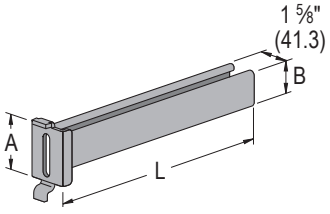
Material: 12 gauge steel.

Part Number	"L" In *(mm)*	"A" In *(mm)*	"B" In *(mm)*	Wt/100 pcs Lbs	Uniform Design Load Lbs
CB2920	5½ *139.7*	3½ *88.9*	⅞ *22.2*	90	500
CB2921	8¼ *209.6*	3½ *88.9*	⅞ *22.2*	120	325
CB2922	11 *279.4*	3½ *88.9*	1⅝ *41.3*	300	275
CB2923	13¾ *349.3*	3½ *88.9*	1⅝ *41.3*	340	220
CB2924	19¼ *489.0*	3½ *88.9*	1⅝ *41.3*	430	160

Safety factor of 3.

Material & Finish: HG

CB2929 & CB2930 – CABLE BRACKETS



Material: 12 gauge steel.

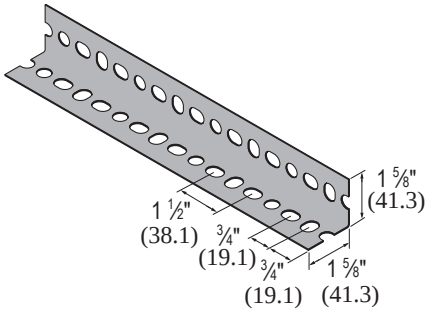
Part Number	"L" In *(mm)*	"A" In *(mm)*	"B" In *(mm)*	Wt/100 pcs Lbs	Uniform Design Load Lbs
CB2929	12 *304.8*	3½ *88.9*	1⅝ *41.3*	320	250
CB2930	18 *457.2*	3½ *88.9*	1⅝ *41.3*	420	170

Safety factor of 3.

Material & Finish: HG

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

CSA158 – (1⅝" X 1⅝" X 14 GA.) LIGHT DUTY



For those jobs where extra strength is not necessary. Ideal for light-duty shelving or racking.

Length: 10'

Material & Finish: PG

Wt/100 pcs: 66 Lbs

UBS Industries can cut, drill and punch holes for your custom trapeze applications. Contact us for more information.

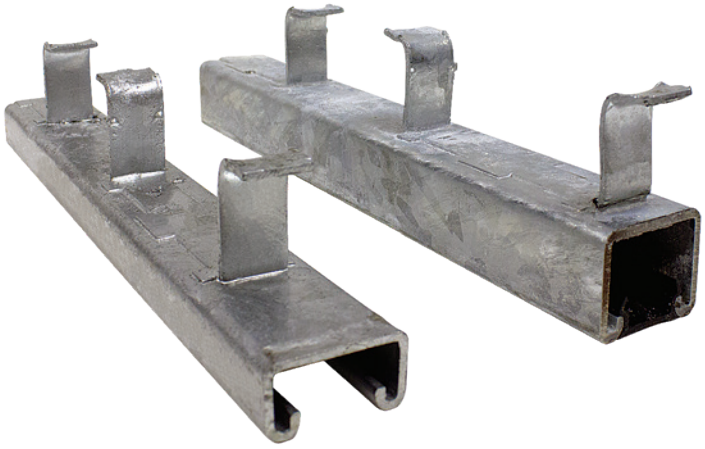




CONCRETE INSERTS

Heavy-Duty Inserts 43

Light-Duty Inserts 43



MATERIALS & FINISHES

Cold-formed inserts are manufactured from standard 12 gauge UBS channel sections.

To inhibit concrete seepage, all inserts (except spot inserts) are provided with closure strips and end caps or foam filler, unless otherwise requested.

Most concrete inserts are available in stainless steel on special order. Consult UBS for ordering information.

Cold-formed, standard-duty, light-duty and spot concrete inserts are available in:

FINISH: HOT-DIPPED GALVANIZED (HG)

For other materials, contact your UBS representative.

APPLICATION

A wide range of heavy-duty to light-duty “continuous” and “spot” concrete inserts are available for use in pre-cast, pre-stressed or poured-in-place concrete floors, walls or ceilings.

DESIGN LOAD

Design loads, where shown, are based on 3,000 PSI concrete, unless noted.

LENGTHS

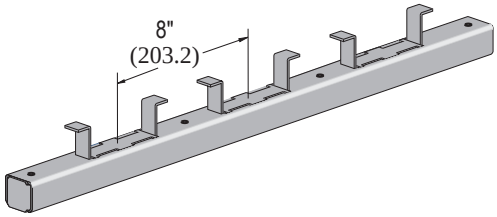
20 feet (6.10m) with a tolerance of ±¼-inch (6.4mm), or **we can cut to size as needed**.

DIMENSIONS

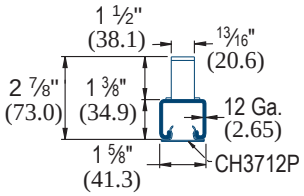
Imperial dimensions are illustrated in inches. Metric dimensions are shown in parentheses or as noted. Unless noted, all metric dimensions are in millimeters and rounded to one decimal place.

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

CI3270 – HEAVY DUTY CONCRETE INSERT



- Includes closure and end caps unless otherwise requested.
- Nail or anchor inserts to forms every 16" (406.4 mm) to 24" (609.6 mm).
- Anchors are 8" (203.2 mm) on center.
- Finish: Hot-dipped galvanized (HG) conforming to ASTM A123 or A153.

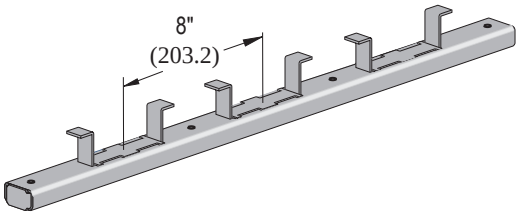


Part Number	Insert Length In/Ft *(mm)*	Wt/100 pcs Lbs	Max. Allowable Point Load Lbs	Min. Spacing of Pt. Loads In *(mm)*	Max. Allowable Uniform Load Lbs	
CI3270	20' *6,096.0*	3,882	2,000	12 *304.8*	2,000	Lbs./Ft.

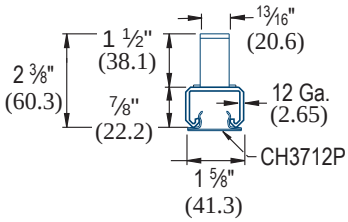
Safety factor 3.

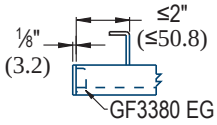
Material & Finish: HG — Lengths: 20'

CI3370 – LIGHT DUTY CONCRETE INSERT



- Includes closure and end caps unless otherwise requested.
- Nail or anchor inserts to forms every 16" (406.4 mm) to 24" (609.6 mm).
- Anchors are 8" (203.2 mm) on center.
- Finish: Hot-dipped galvanized (HG) conforming to ASTM A123 or A153.





Part Number	Insert Length In/Ft. *(mm)*	Wt/100 pcs Lbs	Max. Allowable Point Load Lbs	Min. Spacing of Pt. Loads In *(mm)*	Max. Allowable Uniform Load Lbs	
CI3370	20' *6,096.0*	2,775	1,500	12 *304.8*	1,500	Lbs./Ft.

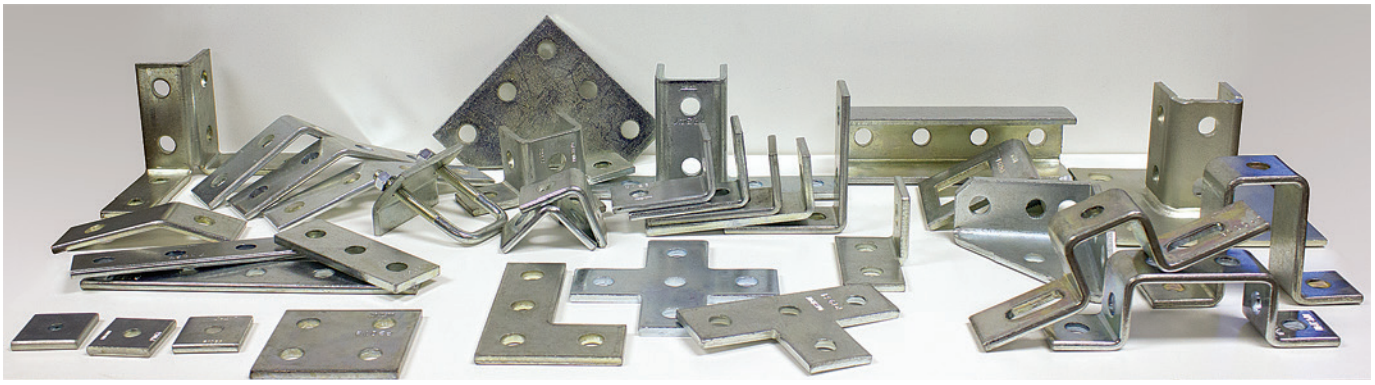
Safety factor 3.

Material & Finish: HG — Lengths: 20'

GENERAL FITTINGS



Design Load Data 45
Flat Plate Fittings ..... 46 - 47
Angular Fittings ..... 48 - 50
"Z" Shape Fittings 50
"U" Shape Fittings 51
Wing Shape Fittings ..... 52 - 53
Post Bases 54
Hinge Fittings 55
Trolleys ..... 56 - 57
Beam Clamps ..... 58 - 61
Other General Fittings 62
Brackets ..... 63 - 65
Brace Fittings 65



MATERIALS & FINISHES

Fittings are available in:

STEEL: ELECTRO-GALVANIZED (EG)

STEEL: HOT-DIPPED GALVANIZED (HG)

STAINLESS STEEL (SS)

For other materials and finishes, contact your UBS representative.

DESIGN LOAD

Design load data, where shown, is based on the ultimate strength of the connection with a safety factor of 2.5, unless otherwise noted.

DESIGN BOLT TORQUE

BOLT SIZE	1/4"-20	5/16"-18	3/8"-16	1/2"-13	5/8"-11	3/4"-10
Rec. Torque Ft/Lbs (N•m)	6 (8)	11 (15)	19 (26)	50 (68)	100 (136)	125 (170)
Max Torque Ft/Lbs (N•m)	7 (9)	15 (20)	25 (34)	70 (95)	125 (170)	135 (183)

SET SCREW TORQUE

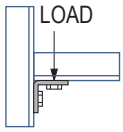
BOLT SIZE	1/4"-20	3/8"-16	1/2"-13	5/8"-11	3/4"-10	7/8"-9
Set Screw Torque In/Lbs (N•m)	40 (4)	60 (7)	125 (14)	250 (28)	400 (44.5)	665 (75)

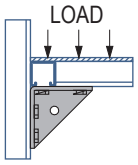
Note: Caution should be taken not to overtighten the set screw

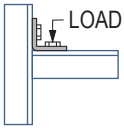
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

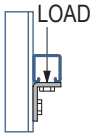
DESIGN LOAD DATA FOR TYPICAL UBS CHANNEL CONNECTIONS

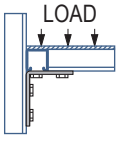
90° Fittings (When used in position shown)

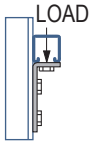
Load – GF1026		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,500	1,000	750
	kN	*6.67*	*4.45*	*3.34*

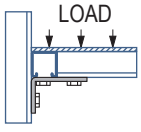
Load – GF2484		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	3,000	2,000	1,500
	kN	*13.34*	*8.90*	*6.67*

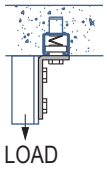
Load – GF1026		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,000	650	500
	kN	*4.45*	*2.89*	*2.22*

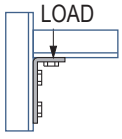
Load – GF1068		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	500	500	500
	kN	*2.22*	*2.22*	*2.22*

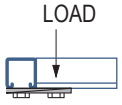
Load – GF1325		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	2,000	2,000	1,500
	kN	*8.90*	*8.90*	*6.67*

Load – GF1326		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	500	500	500
	kN	*2.22*	*2.22*	*2.22*

Load – GF1458		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,500	1,000	1,000
	kN	*6.67*	*4.45*	*4.45*

Load – GF1346		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,200	1,200	1,000
	kN	*5.34*	*5.34*	*4.45*

Load – GF1346		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	2,000	1,500	900
	kN	*8.90*	*6.67*	*4.00*

Load – GF1065		Channel Thickness		
		12 ga.	14 ga.	16 ga.
	Lbs	1,000	800	600
	kN	*4.45*	*3.56*	*2.67*

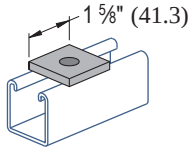
Note:

(1) Both ends of beams supported.

(2) Load data is based on SN1010 nut and ½" bolt.

(3) Safety factor = 2½ based on ultimate strength of connection.

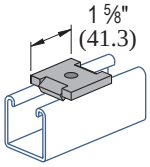
GF1062, GF1063, GF1064, GF1964, GF2490



Part Number	Bolt Size
GF1062	1⁄4"
GF1063	3⁄8"
GF1064	1⁄2"
GF1964	5⁄8"
GF2490	7⁄8"

Material & Finish: EG, HG, SS

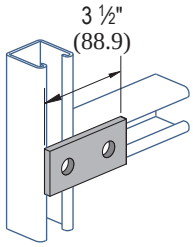
GF2863, GF2864



Part Number	Bolt Size
GF2863	3⁄8"
GF2864	1⁄2"

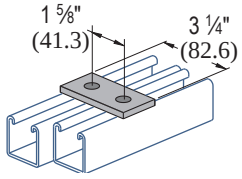
Material & Finish: EG, HG, SS

GF1065



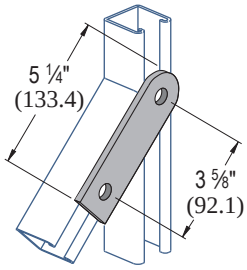
Material & Finish: EG, HG, SS Wt/100 pcs: 38 Lbs

GF1924



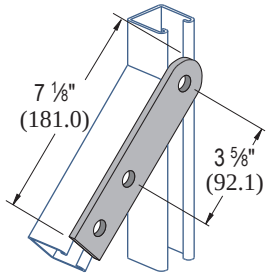
Material & Finish: EG, HG, SS Wt/100 pcs: 35 Lbs

GF2325



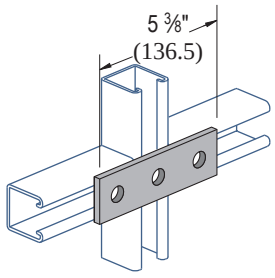
Material & Finish: EG, HG, SS Wt/100 pcs: 55 Lbs

GF2324



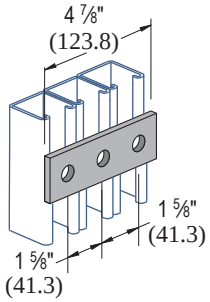
Material & Finish: EG, HG, SS Wt/100 pcs: 75 Lbs

GF1066



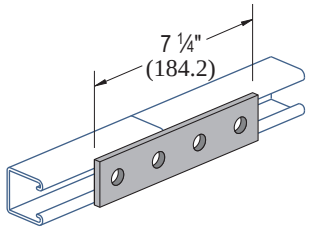
Material & Finish: EG, HG, SS Wt/100 pcs: 56 Lbs

GF1925



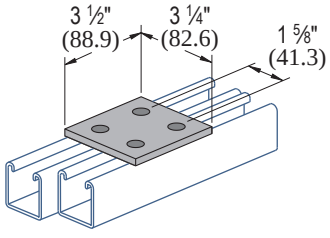
Material & Finish: EG, HG, SS Wt/100 pcs: 50 Lbs

GF1067



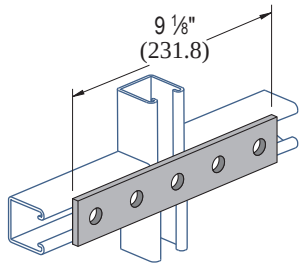
Material & Finish: EG, HG, SS Wt/100 pcs: 78 Lbs

GF2079



Material & Finish: EG, HG, SS Wt/100 pcs: 73 Lbs

GF1941



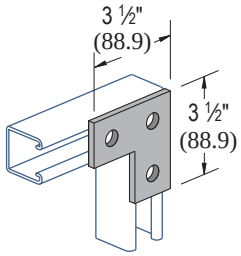
Material & Finish: EG, HG, SS Wt/100 pcs: 94 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9⁄16" (14.3mm); Hole Spacing - From End: 13⁄16" (20.6mm); Hole Spacing - On Center: 1 7⁄8" (47.6mm); Width: 1⅝"(41.3mm); Thickness: 1⁄4" (6.4mm)

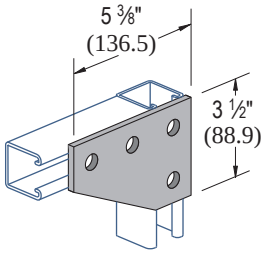
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

GF1036



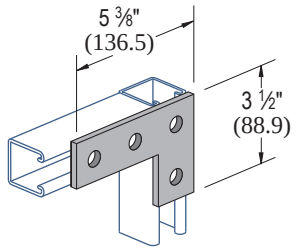
Material & Finish: EG, HG, SS Wt/100 pcs: 58 Lbs

GF1380



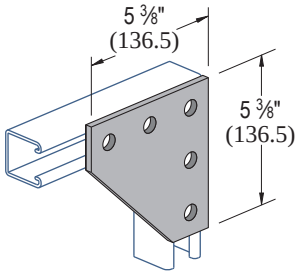
Material & Finish: EG, HG, SS Wt/100 pcs: 105 Lbs

GF1380A



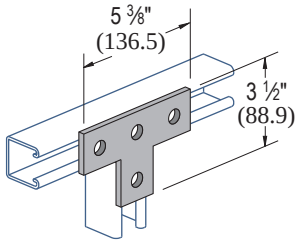
Material & Finish: EG, HG, SS Wt/100 pcs: 80 Lbs

GF1873



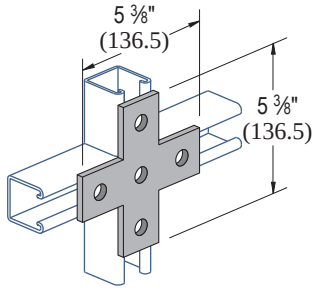
Material & Finish: EG, HG, SS Wt/100 pcs: 150 Lbs

GF1031



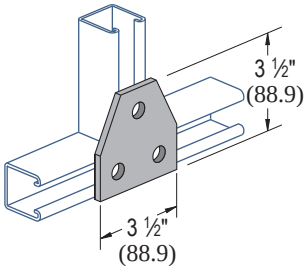
Material & Finish: EG, HG, SS Wt/100 pcs: 80 Lbs

GF1028



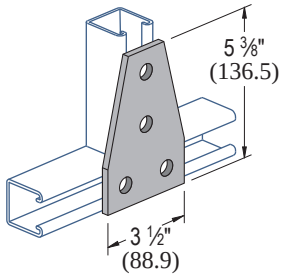
Material & Finish: EG, HG, SS Wt/100 pcs: 105 Lbs

GF1356



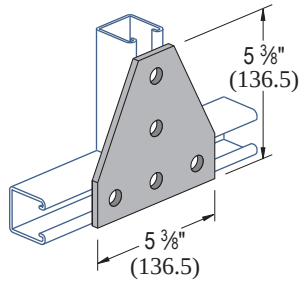
Material & Finish: EG, HG, SS Wt/100 pcs: 70 Lbs

GF1358



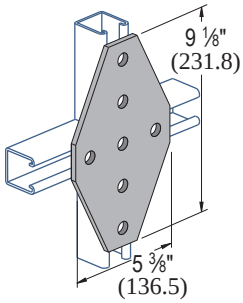
Material & Finish: EG, HG, SS Wt/100 pcs: 105 Lbs

GF1726

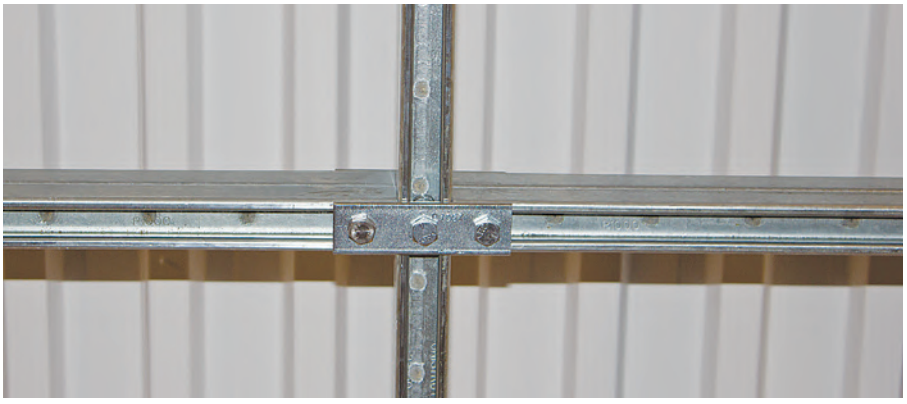


Material & Finish: EG, HG, SS Wt/100 pcs: 148 Lbs

GF1950



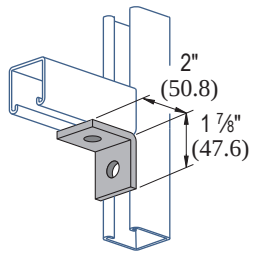
Material & Finish: EG, HG, SS Wt/100 pcs: 240 Lbs



Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

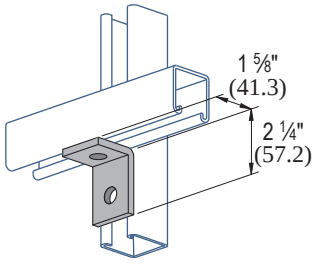
Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)

GF1026



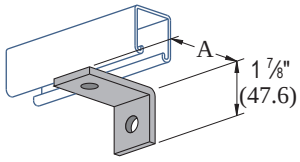
Material & Finish: EG, HG, SS Wt/100 pcs: 38 Lbs

GF1068



Material & Finish: EG, HG, SS Wt/100 pcs: 38 Lbs

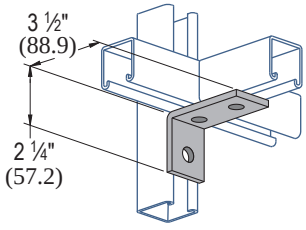
GF1281 & GF1283



Part Number	"A" In *(mm)*	Wt/100 pcs Lbs
GF1281	3 *(76.2)*	49
GF1283	4 *(101.6)*	61

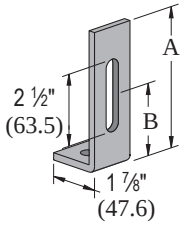
Material & Finish: EG, HG, SS

GF1458



Material & Finish: EG, HG, SS Wt/100 pcs: 58 Lbs

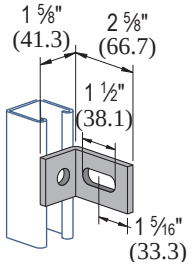
GF1498 & GF1499



Part Number	"A" In *(mm)*	"B" In *(mm)*	Wt/100 pcs Lbs
GF1498	4 7/8 *123.8*	2 1/2 *63.5*	65
GF1499	6 7/8 *174.6*	4 1/2 *114.3*	85

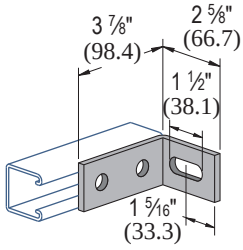
Material & Finish: EG, HG, SS

GF1750



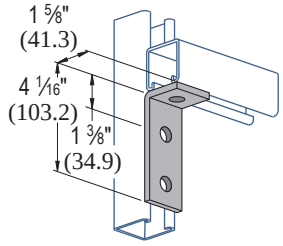
Material & Finish: EG, HG, SS Wt/100 pcs: 38 Lbs

GF1747



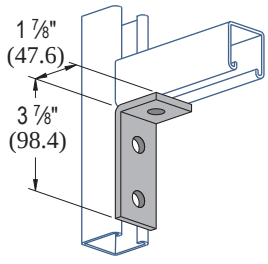
Material & Finish: EG, HG, SS Wt/100 pcs: 66 Lbs

GF1326



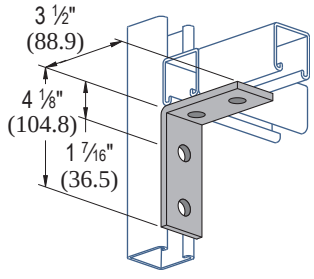
Material & Finish: EG, HG, SS Wt/100 pcs: 58 Lbs

GF1346



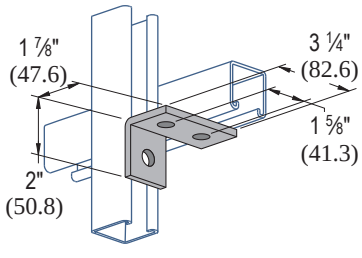
Material & Finish: EG, HG, SS Wt/100 pcs: 58 Lbs

GF1325



Material & Finish: EG, HG, SS Wt/100 pcs: 78 Lbs

GF1822



Material & Finish: EG, HG, SS Wt/100 pcs: 55 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

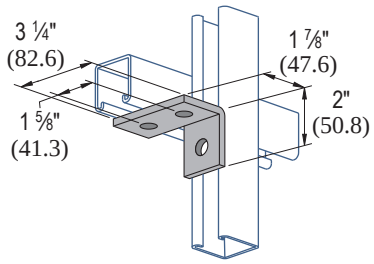
Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)

www.ubsindustries.com
info@ubsindustries.com

(t) 604.540.4440

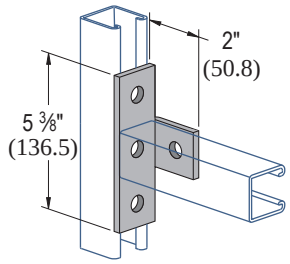
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

GF1823



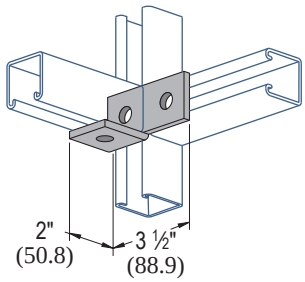
Material & Finish: EG, HG, SS Wt/100 pcs: 55 Lbs

GF1033



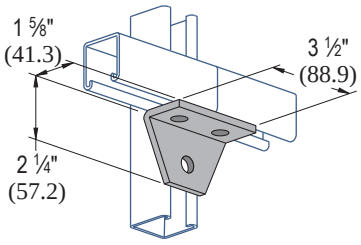
Material & Finish: EG, HG, SS Wt/100 pcs: 80 Lbs

GF1038



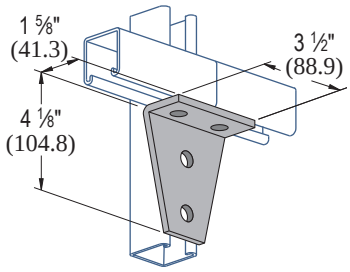
Material & Finish: EG, HG, SS Wt/100 pcs: 58 Lbs

GF1357



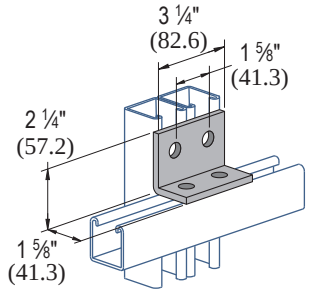
Material & Finish: EG, HG, SS Wt/100 pcs: 70 Lbs

GF1359



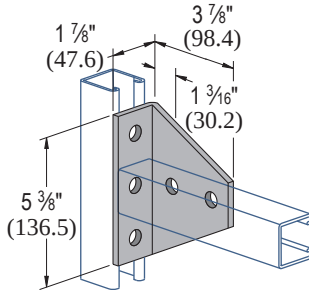
Material & Finish: EG, HG, SS Wt/100 pcs: 105 Lbs

GF1934



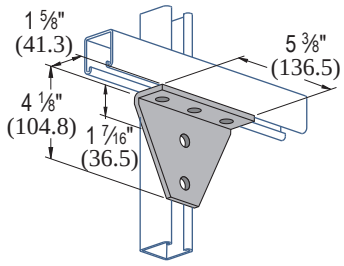
Material & Finish: EG, HG, SS Wt/100 pcs: 75 Lbs

GF1727



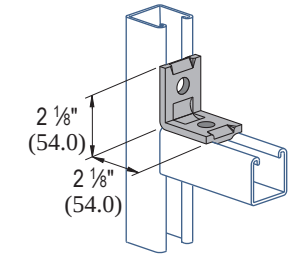
Material & Finish: EG, HG, SS Wt/100 pcs: 154 Lbs

GF1728



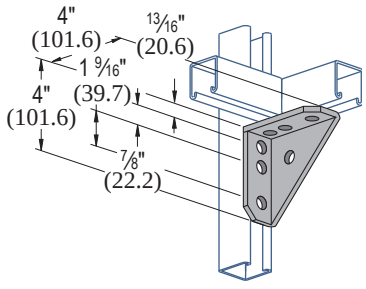
Material & Finish: EG, HG, SS Wt/100 pcs: 154 Lbs

GF2626



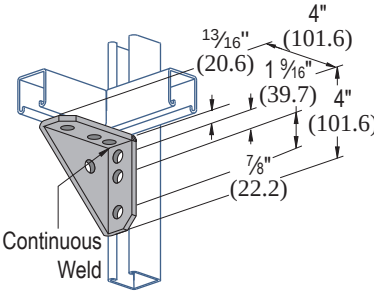
Material & Finish: EG, HG, SS Wt/100 pcs: 40 Lbs

GF2484



Material & Finish: EG, HG, SS Wt/100 pcs: 134 Lbs

GF2484W



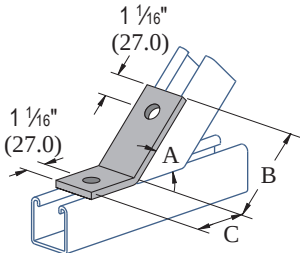
Material & Finish: EG, HG, SS Wt/100 pcs: 134 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9⁄16" (14.3mm); Hole Spacing - From End: 13⁄16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)

ANGLE & "Z" SHAPED FITTINGS

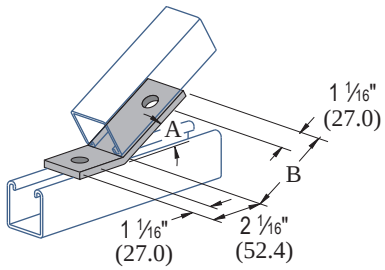
GF1546 & GF2097



Part No.	"A" Degree *(rad)*	"B" In *(mm)*	"C" In *(mm)*
GF1546	45° *0.79*	3 *76.2*	2 5⁄16 *58.7*
GF2097	60° *1.05*	3 3⁄8 *85.7*	1 7⁄8 *47.6*

Material & Finish: EG, HG, SS — Wt/100 pcs: 58 Lbs

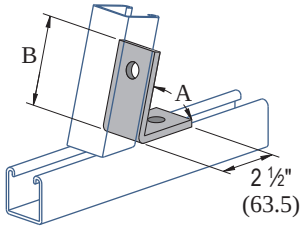
GF2101 & GF2103



Part No.	"A" Degree *(rad)*	"B" In *(mm)*
GF2101	30° *0.52*	3 1⁄4 *82.6*
GF2103	15° *0.26*	3 5⁄16 *84.1*

Material & Finish: EG, HG, SS — Wt/100 pcs: 58 Lbs

GF2108 & GF1186



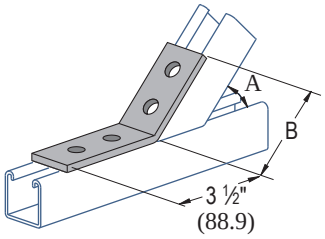
Part Number	"A" Degree *(rad)*	"B" In *(mm)*
GF1186	45° *0.79*	3 1⁄8 *79.4*
GF2108	60° *1.05*	3 3⁄16 *81.0*

* Other angles available

- Special order - Minimum quantity may apply

Material & Finish: EG, HG, SS — Wt/100 pcs: 58 Lbs

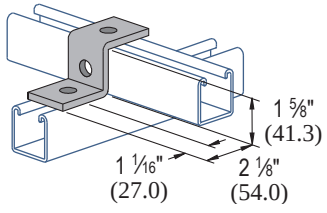
GF2263, GF2265, GF2267



Part Number	"A" Degree *(rad)*	"B" In *(mm)*
GF2263	30° *0.52*	3 11⁄16 *93.7*
GF2265	45° *0.79*	3 11⁄16 *93.7*
GF2267	60° *1.05*	3 11⁄16 *93.7*

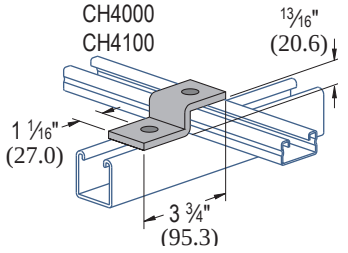
Material & Finish: EG, HG, SS — Wt/100 pcs: 78 Lbs

GF1045



Material & Finish: EG, HG, SS — Wt/100 pcs: 55 Lbs

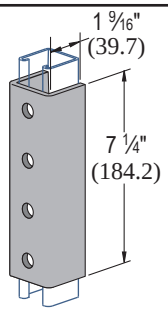
GF4045



Material & Finish: EG, HG, SS — Wt/100 pcs: 47 Lbs

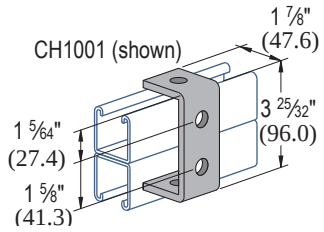
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

GF1377



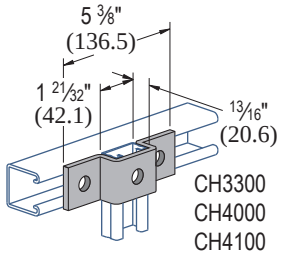
Material & Finish: EG, HG, SS Wt/100 pcs: 265 Lbs

GF1044



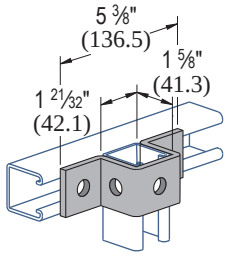
Material & Finish: EG, HG, SS Wt/100 pcs: 70 Lbs

GF4047



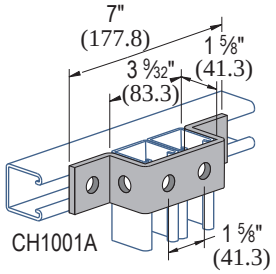
Material & Finish: EG, HG, SS Wt/100 pcs: 71 Lbs

GF1047



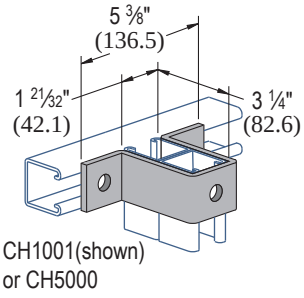
Material & Finish: EG, HG, SS Wt/100 pcs: 88 Lbs

GF1043A



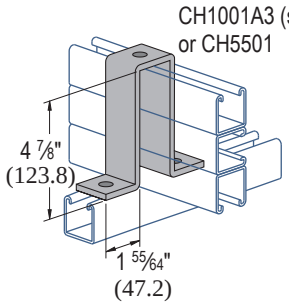
Material & Finish: EG, HG, SS Wt/100 pcs: 105 Lbs

GF1737



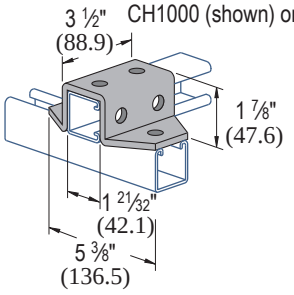
Material & Finish: EG, HG, SS Wt/100 pcs: 128 Lbs

GF2473



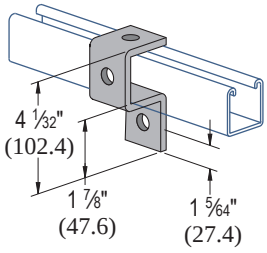
Material & Finish: EG, HG, SS Wt/100 pcs: 197 Lbs

GF2326

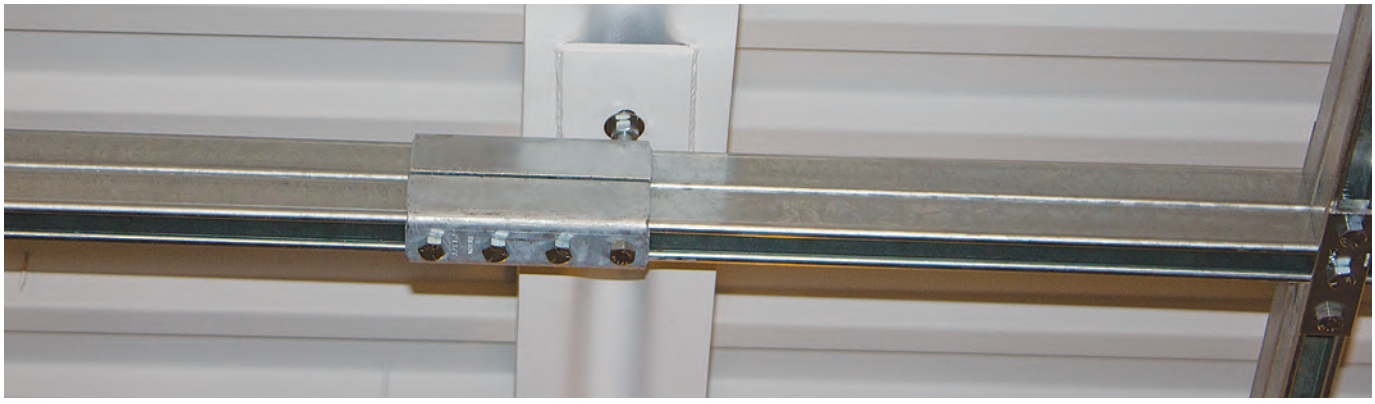


Material & Finish: EG, HG, SS Wt/100 pcs: 171 Lbs

GF1046A



Material & Finish: EG, HG, SS Wt/100 pcs: 76 Lbs

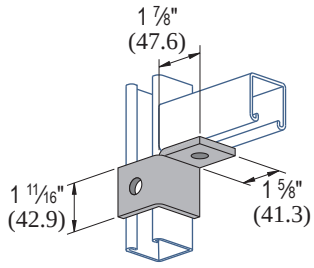


Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)

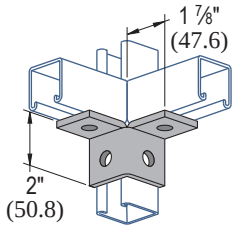
GF2341R-L

R - As shown
L - Opposite hand



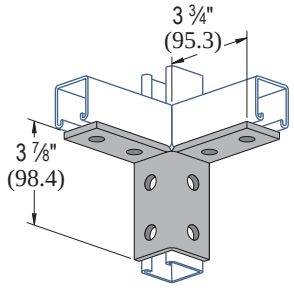
Material & Finish: EG, HG, SS Wt/100 pcs: 60 Lbs

GF2223



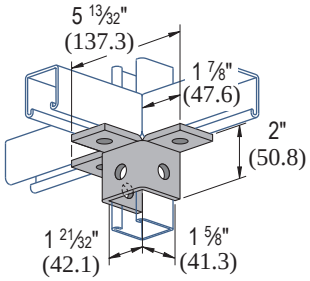
Material & Finish: EG, HG, SS Wt/100 pcs: 76 Lbs

GF2225



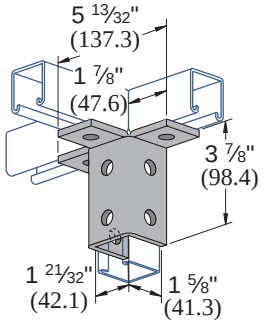
Material & Finish: EG, HG, SS Wt/100 pcs: 155 Lbs

GF2227



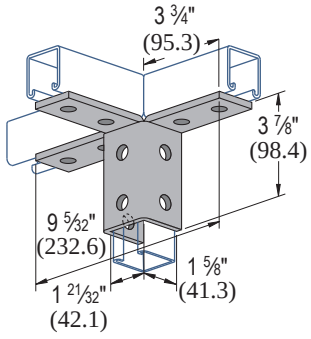
Material & Finish: EG, HG, SS Wt/100 pcs: 113 Lbs

GF2228



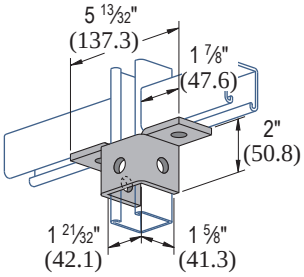
Material & Finish: EG, HG, SS Wt/100 pcs: 177 Lbs

GF2229



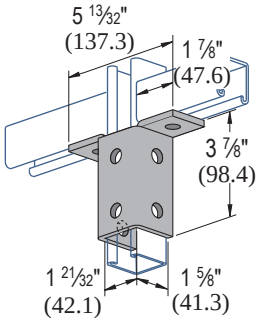
Material & Finish: EG, HG, SS Wt/100 pcs: 230 Lbs

GF2345



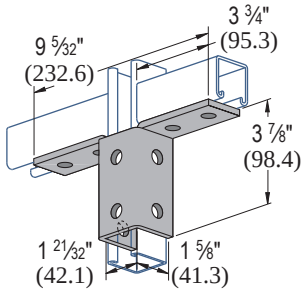
Material & Finish: EG, HG, SS Wt/100 pcs: 93 Lbs

GF2346



Material & Finish: EG, HG, SS Wt/100 pcs: 150 Lbs

GF2347



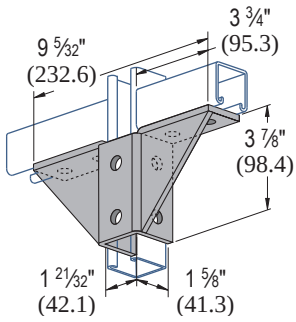
Material & Finish: EG, HG, SS Wt/100 pcs: 193 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)

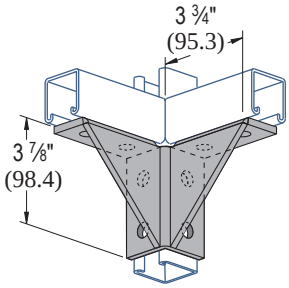
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

GF2348



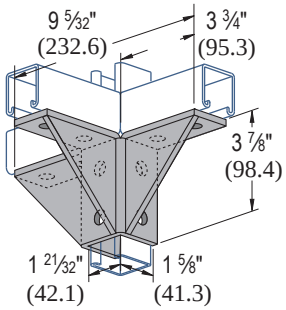
Material & Finish: EG, HG, SS Wt/100 pcs: 274 Lbs

GF2226



Material & Finish: EG, HG, SS Wt/100 pcs: 217 Lbs

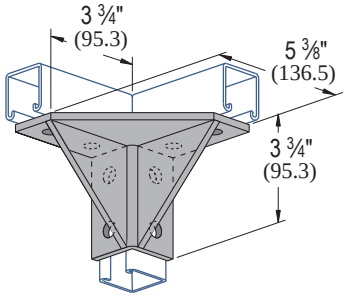
GF2230



Material & Finish: EG, HG, SS Wt/100 pcs: 310 Lbs

GF2245

Fitting notched for continuous vertical.



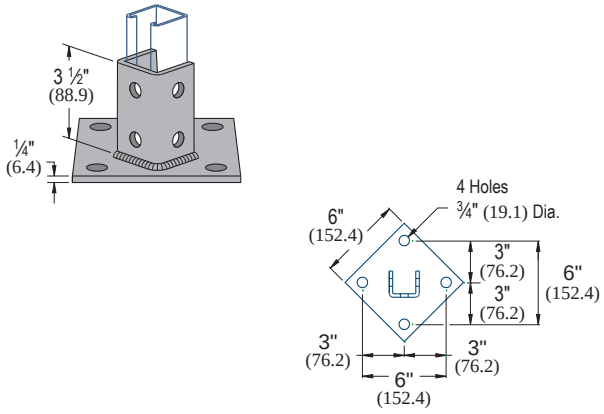
Material & Finish: EG, HG, SS Wt/100 pcs: 315 Lbs



Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

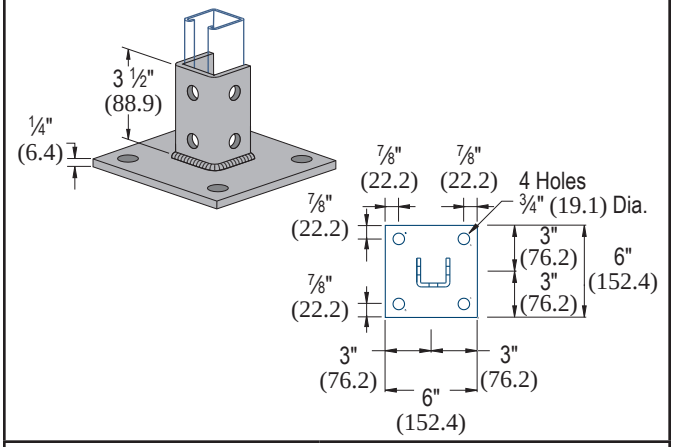
Hole Diameter: 9⁄16" (14.3mm); Hole Spacing - From End: 13⁄16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)

GF2072A



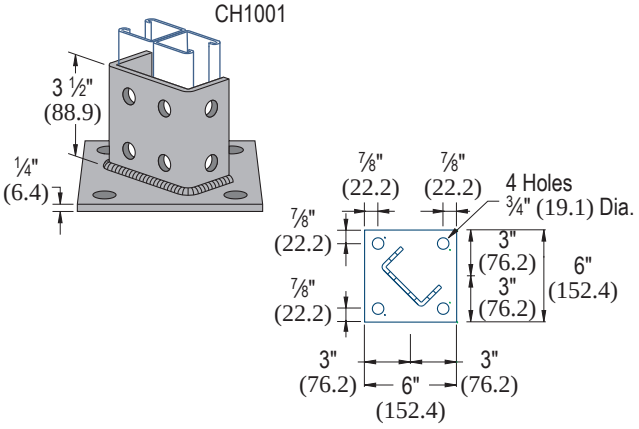
Material & Finish: EG, HG, SS — Wt/100 pcs: 373 Lbs

GF2072ASQ



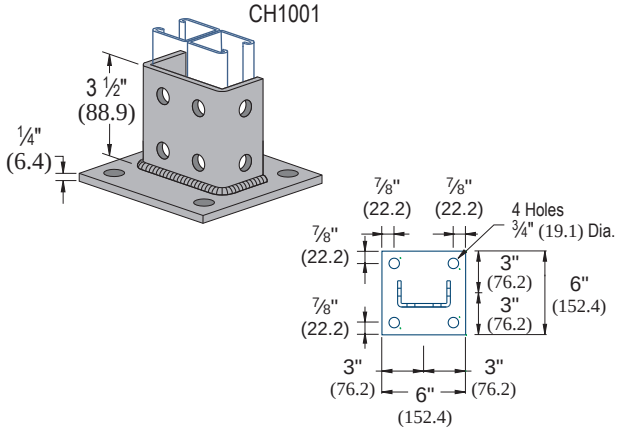
Material & Finish: EG, HG, SS — Wt/100 pcs: 373 Lbs

GF2073A



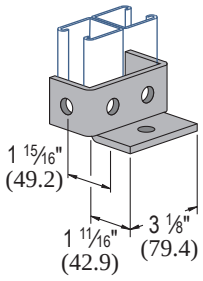
Material & Finish: HG, SS — Wt/100 pcs: 408 Lbs

GF2073ASQ



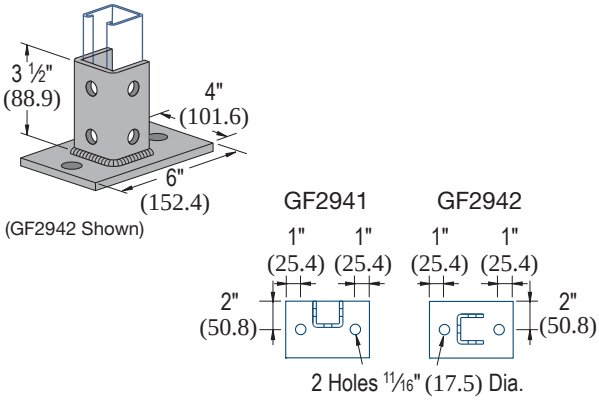
Material & Finish: EG, HG, SS — Wt/100 pcs: 408 Lbs

GF2453



Material & Finish: EG, SS — Wt/100 pcs: 116 Lbs

GF2941 & GF2942



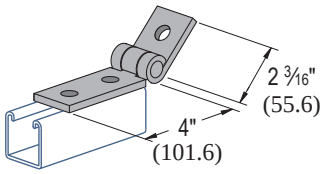
Material & Finish: EG, HG, SS — Wt/100 pcs: 358 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9⁄16" (14.3mm); Hole Spacing - From End: 13⁄16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)

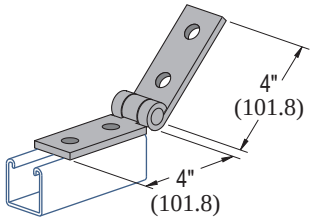
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

GF1354A – ADJ. HINGE CONNECTION



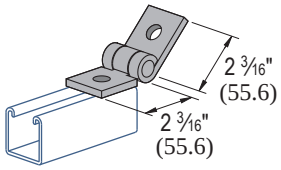
Material & Finish: EG | Wt/100 pcs: 89 Lbs

GF1354 – ADJ. HINGE CONNECTION



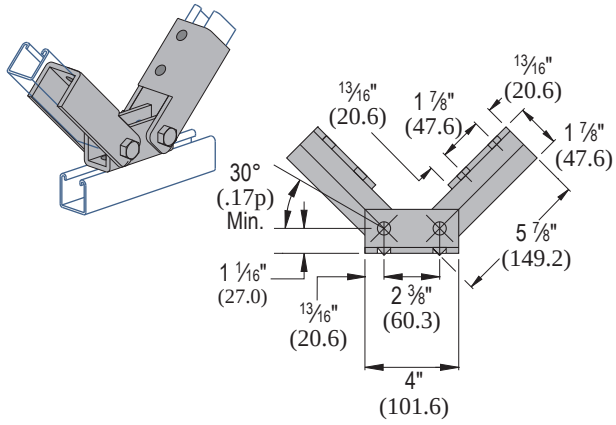
Material & Finish: EG | Wt/100 pcs: 109 Lbs

GF1843 – ADJ. HINGE CONNECTION



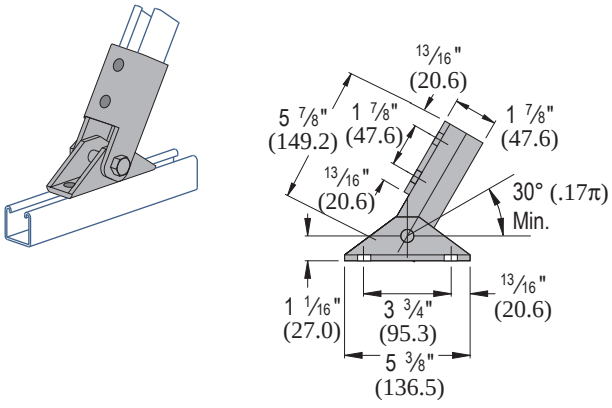
Material & Finish: EG | Wt/100 pcs: 68 Lbs

GF2815D – ADJ. BRACE FITTING



Material & Finish: EG, HG | Wt/100 pcs: 497 Lbs

GF2815 – ADJ. BRACE FITTING

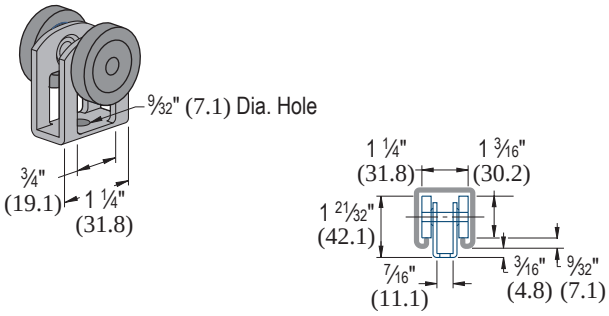


Material & Finish: EG, HG | Wt/100 pcs: 307 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)

Hole Diameter: 9⁄16" (14.3mm); Hole Spacing - From End: 13⁄16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)

GF2749 & GF2749N†



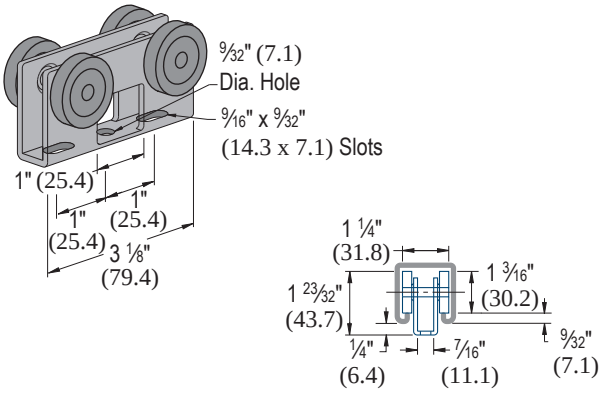
Part Number	Design Load Lbs *(kN)*	Wt/100 pcs Lbs
GF2749	50 *(0.22 kN)*	21
GF2749 N	10 *(0.04 kN)*	13

Clevis Material: 12 gauge.

† "N" indicates acetal wheels.

Material & Finish: EG

GF2750 & GF2750N†



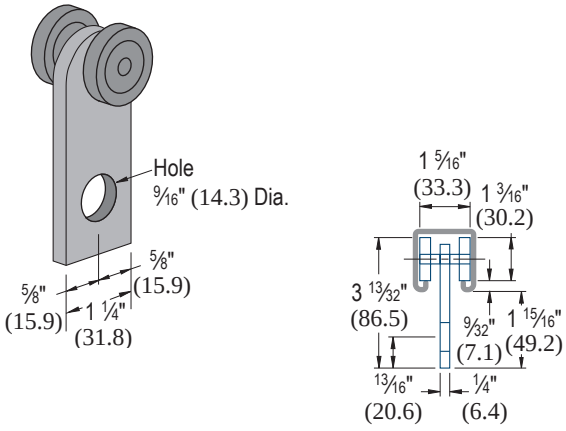
Part Number	Design Load Lbs *(kN)*	Wt/100 pcs Lbs
GF2750	100 *(0.44 kN)*	55
GF2750 N	20 *(0.09 kN)*	32

Clevis Material: 12 gauge.

† "N" indicates acetal wheels.

Material & Finish: EG

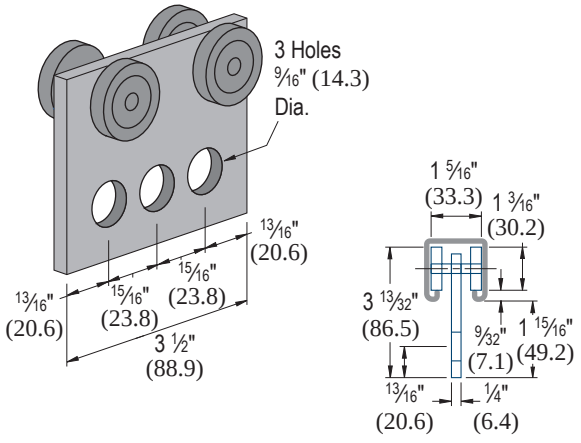
GF2949



FPM	RPM	Design Load In CH1000 Lbs *(kN)*
180	600	150 *(0.67 kN)*
90	300	225 *(1.00 kN)*
30	100	437 *(1.94 kN)*

Material & Finish: EG — Wt/100 pcs: 46 Lbs

GF2950



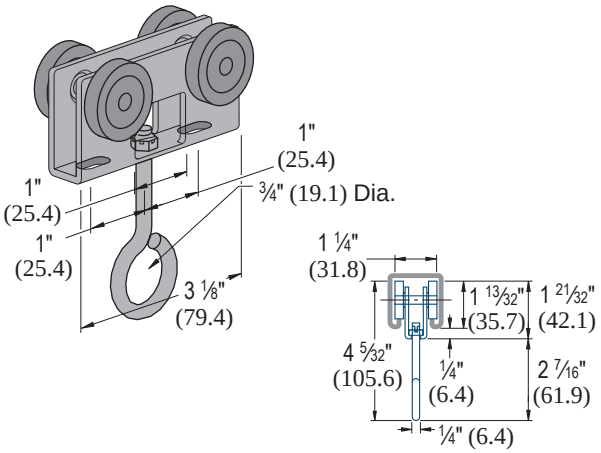
FPM	RPM	Design Load In CH1000 Lbs *(kN)*
180	600	300 *(1.33 kN)*
90	300	450 *(2.00 kN)*
30	100	600 *(2.67 kN)*

Material & Finish: EG — Wt/100 pcs: 110 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)
Hole Diameter: 9⁄16" (14.3mm); Hole Spacing - From End: 13⁄16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)
Note : When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

GF2751 & GF2751N†



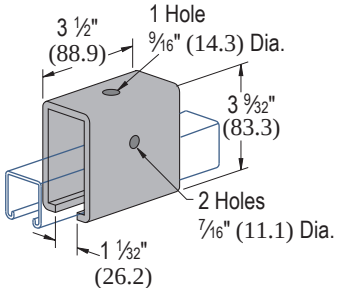
Part Number	Design Load Lbs	Wt/100 pcs Lbs
GF2751	100 *(0.44 kN)*	63
GF2751 N	20 *(0.09 kN)*	40

Clevis Material: 12 gauge.

† "N" indicates acetal wheels.

Material & Finish: EG

GF1834A - CHANNEL SUPPORT TROLLEY



Requires ⅜" x 2½" Bolt and ⅜" Nut

(not included)

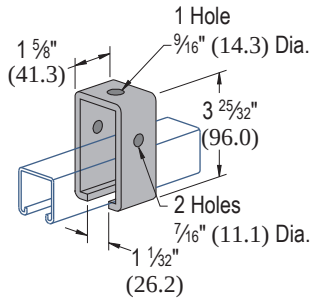
Design Load
2,500 Lbs
(11.12 kN)

Material & Finish: EG Wt/100 pcs: 497 Lbs

GF1834 - CHANNEL SUPPORT TROLLEY

Requires ⅜" x 2½" Bolt and ⅜" Nut

(not included)

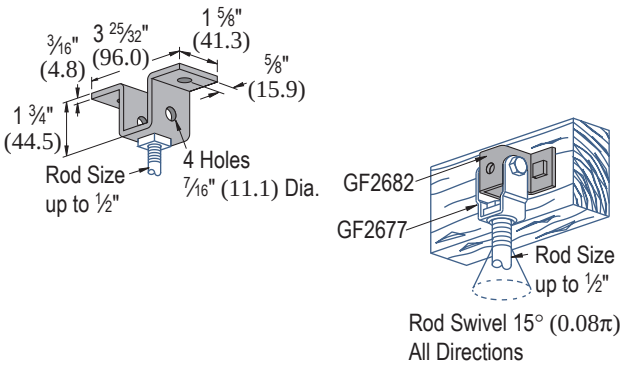


Design Load
1,200 Lbs
(5.34 kN)

Material & Finish: EG Wt/100 pcs: 497 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)
Hole Diameter: 9⁄16" (14.3mm); Hole Spacing - From End: 13⁄16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)
Note : When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.

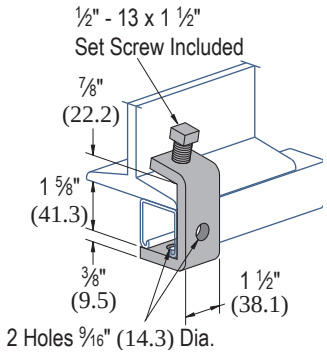
GF2682



Hanger clevis for up to ½" (12.7) rod suspension from wood ceilings. May also be used with GF2677 as illustrated in application drawings.

Material & Finish: EG — Wt/100 pcs: 55 Lbs

GF1271S

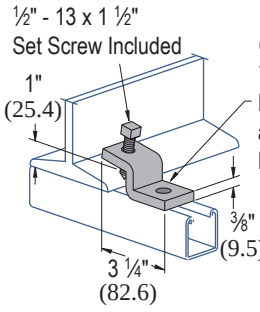


Design Load Each 500 Lbs Use in Pairs Only

Note: Requires SN1010 Channel Nut and bolt.

Material & Finish: EG — Wt/100 pcs: 307 Lbs

GF1379S

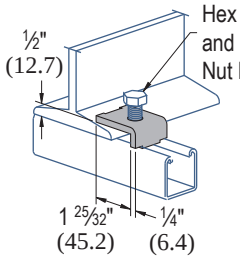


Clamp Requires ½" x 1 ¼" Hex Head Cap Screw and ½" Channel Nut Not Included.

Channel Style	Design Load Each Lbs *(kN)* (Use in Pairs Only)
CH1000	600 *(2.67 kN)*
CH1100	500 *(2.22 kN)*

Material & Finish: EG — Wt/100 pcs: 75 Lbs

GF1386

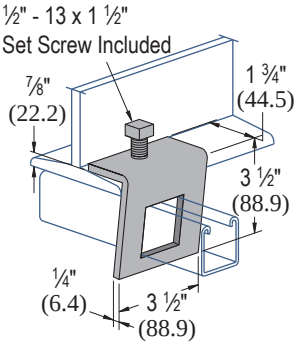


Clamp Requires ½" - 13 x 1 ½" Hex Head Cap Screw and ½" Channel Nut Not Included.

Channel Style	Design Load Each Lbs *(kN)* (Use in Pairs Only)
CH1000	600 *(2.67 kN)*
CH1100	500 *(2.22 kN)*

Material & Finish: EG — Wt/100 pcs: 27 Lbs

GF1796S

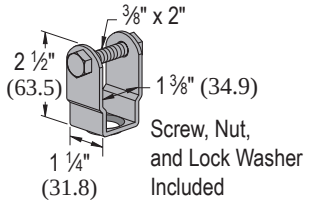


Channel Style	Design Load Each Lbs *(kN)* (Use in Pairs Only)
CH1000	500 *(2.22 kN)*

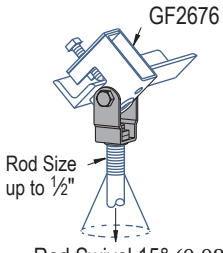
Material & Finish: EG — Wt/100 pcs: 91 Lbs

GF2677

1/8" (3.2) Thick



Design Load 500 Lbs



Rod Swivel 15° (0.08π) All Directions

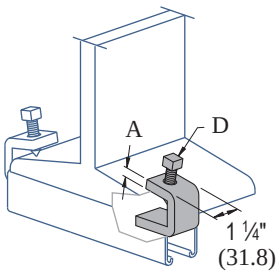
Clevis hanger to be used with GF2676 or GF2682 to provide angle adjustment and 15° (0.08 π) free swing for up to ½" (12.7) rod suspension. Order swivel nuts GF2679-4, -6, or -8 as required.

Material & Finish: EG — Wt/100 pcs: 91 Lbs

Note: When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping. Clamps are designed to be used with W, M, S & HP Shape beams, Standard C & Misc. MC Channels, Angles & Structural Tees. Clamps must be used in pairs where indicated. For beam clamps with HG finish, standard hardware is EG finish. For optional stainless steel hardware, please contact the UBS for availability.

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

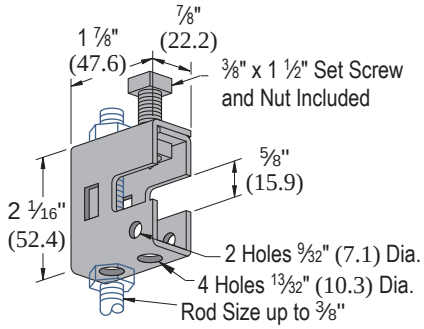
GF1272S & GF1986S

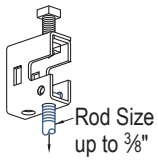


Part Number	"A" In *(mm)*	Flange Thickness In *(mm)*	"D" Set Screw Included	Wt/100 pcs Lbs	Design Load Per Pair Lbs *(kN)* (Use in Pairs Only)
GF1272S	¼	Up to ¾	⅜-16 x 1½	39	450 *(2.00 kN)*
	6.4	*Up to 19.1*			
GF1986S	⅜	⅞ to 2	½-13 x 1½	74	900 *(4.00 kN)*
	9.5	*22.2 - 50.8*			

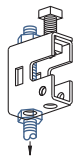
Material & Finish: EG

GF2675





Design Load
250 Lbs
(1.11 kN)

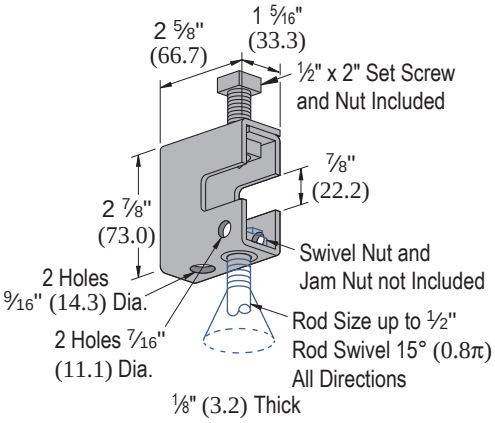


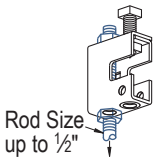
Design Load
150 Lbs
(0.67 kN)

Clamp Materials: .105" (2.7) thick steel.
Clamp GF2675 is designed for light duty rod suspension.

Material & Finish: EG — Wt/100 pcs: 91 Lbs

GF2676





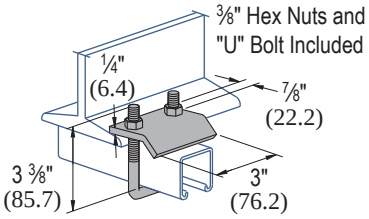
Design Load
300 Lbs
(1.33 kN)



Design Load
500 Lbs
(2.22 kN)

Material & Finish: EG — Wt/100 pcs: 72 Lbs

GF2785

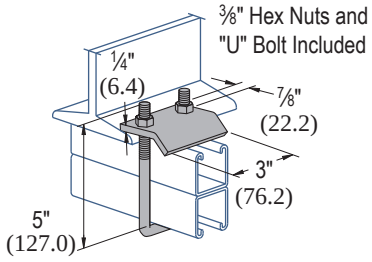


- For use with beams up to 3/4" flange thickness and Channels, CH1000, CH1100, CH2000, CH3000, CH3300, CH3301, CH4100.

Design Load Each
1000 Lbs *(4.45 kN)*
Use in Pairs Only

Material & Finish: EG, SS — Wt/100 pcs: 83 Lbs

GF2786

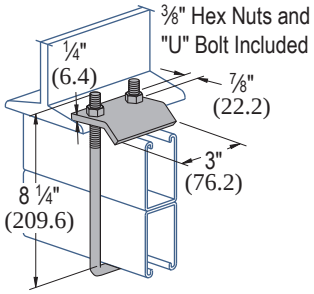


- For use with beams up to 3/4" flange thickness and Channels, CH1001, CH5000, CH5500..

Design Load Each
1000 Lbs *(4.45 kN)*
Use in Pairs Only

Material & Finish: EG, SS — Wt/100 pcs: 92 Lbs

GF2787

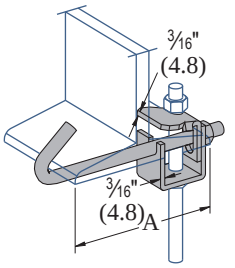


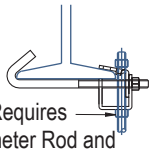
- For use with beams up to 3/4" flange thickness and Channels, CH5001, CH5501.

Design Load Each
1000 Lbs *(4.45 kN)*
Use in Pairs Only

Material & Finish: EG, SS — Wt/100 pcs: 112 Lbs

GF2824-6





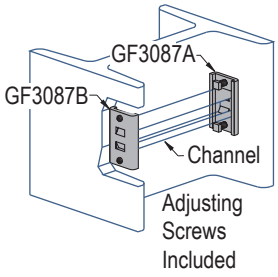
Clamp Requires
1/2" Diameter Rod and
2 Hex Nuts (Sold Seperately)

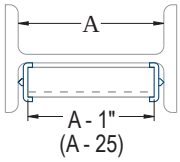
- For use with Beams up to 3/4" flange thickness

"A" In *(mm)*	Wt/100 pcs Lbs	Design Load Lbs *(kN)*
2 1/2 - 6 *63.5 - 152.4*	125	500 *(2.22 kN)*

Material & Finish: EG

GF3087 – COLUMN INSERT





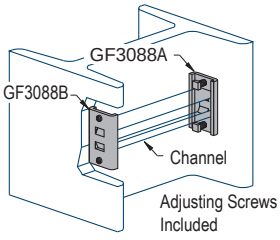
Channel Part Number	Design Pull Out Load Lbs *(kN)*	Design Slip Load Lbs *(kN)*
CH1000	1,000 *(4.45 kN)*	800 *(3.56 kN)*
CH1100	700 *(3.11 kN)*	500 *(2.22 kN)*

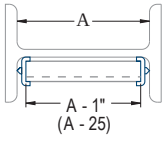
Safety factor of 3.

- Adjusting Screws Included.
- UBS channel not included.
- Part number GF3087 consists of:
  (1) piece GF3087A,
  (1) piece GF3087B and
  (2) set screws, 3/8" Dia.

Material & Finish: EG — Wt/100 pcs: 136 Lbs

GF3088 – COLUMN INSERT





Channel Part Number	Design Pull Out Load Lbs *(kN)*	Design Slip Load Lbs *(kN)*
CH3000	1,000 *(4.45 kN)*	800 *(3.56 kN)*
CH4100	700 *(3.11 kN)*	500 *(2.22 kN)*

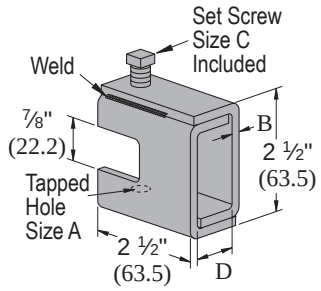
Safety factor of 3.

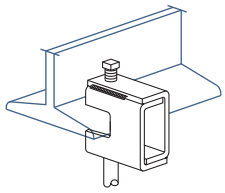
- Adjusting Screws Included.
- UBS channel not included.
- Part number GF3088 consists of:
  (1) piece GF3088A,
  (1) piece GF3088B and
  (2) set screws, 3/8" Dia.

Material & Finish: EG — Wt/100 pcs: 120 Lbs

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

GF1649AS & GF1650AS





For beams under 7/8" (22.2) thick flange.

Weld is not continuous it is either 1¼" (31.8) - 1¾" (44.5) long or 2 spot welds. All welds are on the top and bottom.

Part Number	"A" In	"B" In *(mm)*	"C" In	"D" In *(mm)*	Wt/100 pcs Lbs	Design Load Lbs *(kN)*
GF1649AS	3/8 - 16	1/8 *3.2*	3/8 x 1½	7/8 *22.2*	67	650 *(2.89 kN)*
GF1650AS	½ - 13	3/16 *4.8*	½ x 1½	15/16 *23.8*	100	1,100 *(4.89 kN)*

Material & Finish: EG

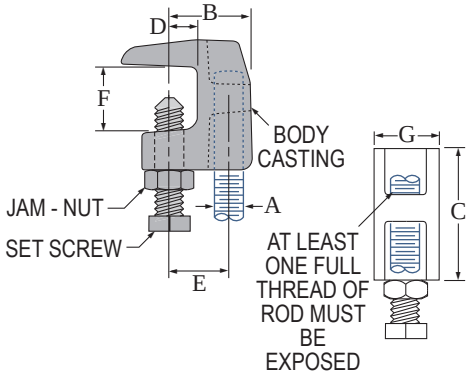
GF416-12 – RETAINING STRAP



Material & Finish: EG

GF406 – TOP BEAM CLAMP



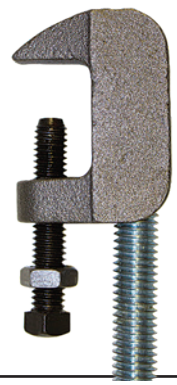


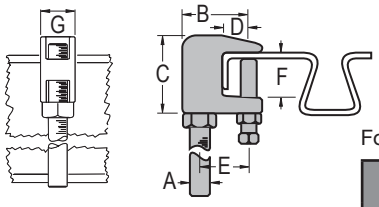
For beams under ¾" (19.1) thick flange.

Part Number	Rod Size	Specifitcation Data					Max Pipe Dia. G	Recommended Max. Load Lbs *(kN)*	Appx. Wt. per 100 (lbs)
		B	C	D	E	F			
GF406 - 3/8	3/8 *9.5*	1¼ *31.8*	1½ *38.1*	½ *12.7*	7/8 *22.2*	¾ *19.1*	7/8 *22.2*	350 *(1.57 kN)*	32
GF406 - ½	½ *12.7*	1 5/16 *33.3*	1½ *38.1*	½ *12.7*	1 *25.4*	¾ *19.1*	7/8 *22.2*	470 *(2.09 kN)*	32

Material & Finish: EG, SS

GF407 – WIDE MOUTH TOP BEAM CLAMP



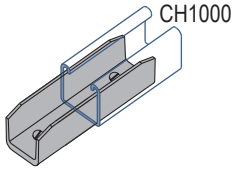


For beams under 1-¼" (31.8) thick flange.

Part Number	Rod Size	Specifitcation Data					Max Pipe Dia. G	Recommended Max. Load Lbs *(kN)*	Appx. Wt. per 100 (lbs)
		B	C	D	E	F			
GF407 - 3/8	3/8 *9.5*	1 3/8 *34.9*	2 *50.8*	½ *12.7*	1 *25.4*	1¼ *31.8*	7/8 *22.2*	400 *(1.78 kN)*	55
GF407 - ½	½ *12.7*	1 3/8 *34.9*	2 *50.8*	½ *12.7*	1 *25.4*	1¼ *31.8*	7/8 *22.2*	500 *(2.22 kN)*	56

Material & Finish: EG

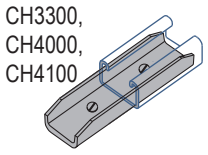
GF2900T – IN CHANNEL JOINERS



* "T" for use with Slotted Channel
Set Screws Included

Material & Finish: PG | Wt/100 pcs: 20 Lbs

GF2904T – IN CHANNEL JOINERS



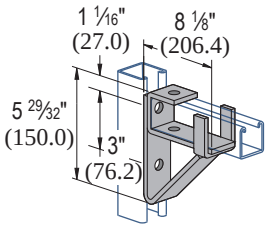
* "T" for use with Slotted Channel
Set Screws Included

Material & Finish: PG | Wt/100 pcs: 12 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings (Unless Otherwise Shown on Drawing)
Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)
Note : When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

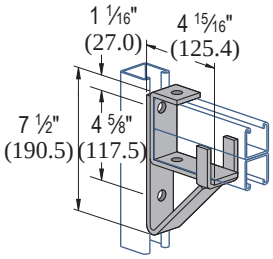
CB1075 – BRACKET



For use with CH1000 or CH1100 Channel
Material: ¼" (6.4) thick steel.

Material & Finish: EG, HG, SS — Wt/100 pcs: 229 Lbs

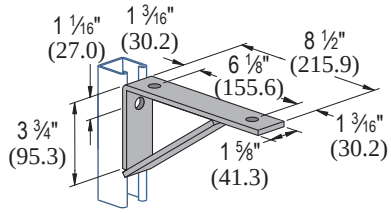
CB1593 – BACK-TO-BACK BRACKET



For use with CH1001 or CH5000 Channel
Material: ¼" (6.4) thick steel.

Material & Finish: EG, HG, SS — Wt/100 pcs: 272 Lbs

CB1769 – FITTING BRACKET

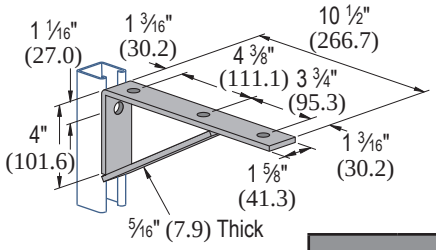


Vertical Channel		Uniform Design Load Lbs *(kN)*
Part No.	Gauge	
CH1000	12	800 *(3.56 kN)*
CH1100	14	600 *(2.67 kN)*
CH2000	16	400 *(1.78 kN)*

Material: ¼" (6.4) thick steel.

Material & Finish: EG, HG, SS — Wt/100 pcs: 174 Lbs

CB1771 – FITTING BRACKET

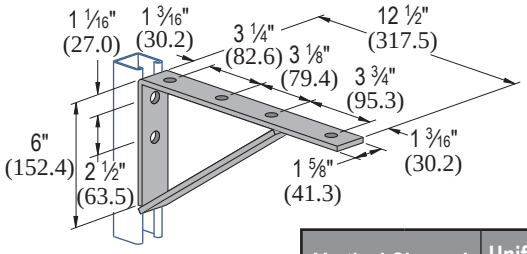


Vertical Channel		Uniform Design Load Lbs *(kN)*
Part No.	Gauge	
CH1000	12	800 *(3.56 kN)*
CH1100	14	600 *(2.67 kN)*
CH2000	16	400 *(1.78 kN)*

Material: ¼" (6.4) thick steel.

Material & Finish: EG, HG, SS — Wt/100 pcs: 206 Lbs

CB1773 – FITTING BRACKET

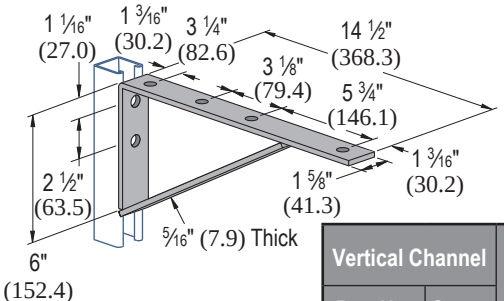


Vertical Channel		Uniform Design Load Lbs *(kN)*
Part No.	Gauge	
CH1000	12	900 *(4.00 kN)*
CH1100	14	800 *(3.56 kN)*
CH2000	16	450 *(2.00 kN)*

Material: ¼" (6.4) thick steel.

Material & Finish: EG, HG, SS — Wt/100 pcs: 264 Lbs

CB1775 – FITTING BRACKET



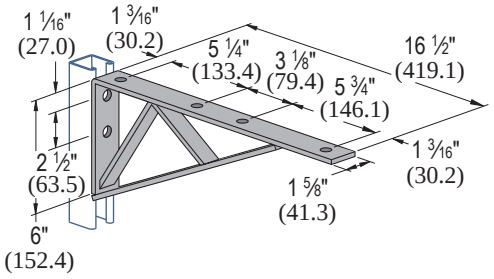
Vertical Channel		Uniform Design Load Lbs *(kN)*
Part No.	Gauge	
CH1000	12	900 *(4.00 kN)*
CH1100	14	800 *(3.56 kN)*
CH2000	16	450 *(2.00 kN)*

Material: ¼" (6.4) thick steel.

Material & Finish: EG, HG, SS — Wt/100 pcs: 295 Lbs

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings *(Unless Otherwise Shown on Drawing)*
Hole Diameter: 9⁄16" (14.3mm); Hole Spacing - From End: 13⁄16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)
Note : When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.

CB1777 – FITTING BRACKET



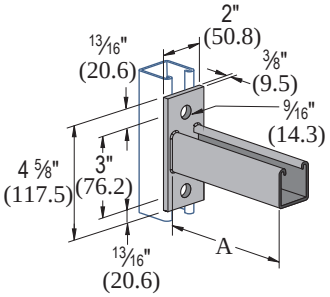
Material: ¼" (6.4) thick steel.

Vertical Channel		Uniform Design Load Lbs *(kN)*
Part No.	Gauge	
CH1000	12	1,200 *(5.34 kN)*
CH1100	14	900 *(4.00 kN)*
CH2000	16	600 *(2.67 kN)*

Material & Finish: EG, HG, SS

Wt/100 pcs: 264 Lbs

CB2944 THRU CB2947 – CANTILEVER BRACKET

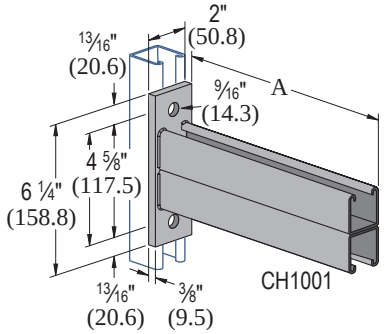


Part Number	"A" In *(mm)*	Wt/100 pcs Lbs	Uniform Load* Lbs *(kN)*
CB2944	6 *152.4*	185	1,200 *(5.34 kN)*
CB2945	12 *304.8*	293	600 *(2.67 kN)*
CB2946	18 *457.2*	401	400 *(1.78 kN)*
CB2947	24 *609.6*	509	300 *(1.33 kN)*

Material & Finish: HG, SS

Wt/100 pcs: 264 Lbs

CB2542 THRU CB2546 – BACK-TO-BACK CANTILEVER BRACKET



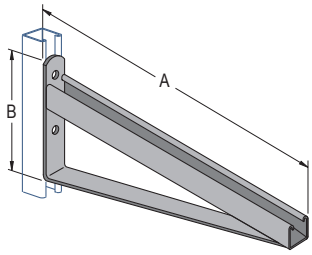
Part Number	"A" In (mm)	Wt/100 pcs Lbs	Vertical Channel		Uniform Design Load Lbs *(kN)*
			Part No.	Gauge	
CB2542	12 *304.8*	502	CH1000 CH1100 CH2000	12 14 16	2,000 *(8.90 kN)* 1,400 *(6.23 kN)* 1,000 *(4.45 kN)*
CB2543	18 *457.2*	692	CH1000 CH1100 CH2000	12 14 16	1,300 *(5.78 kN)* 900 *(4.00 kN)* 650 *(2.89 kN)*
CB2544	24 *609.6*	882	CH1000 CH1100 CH2000	12 14 16	1,000 *(4.45 kN)* 700 *(3.11 kN)* 500 *(2.22 kN)*
CB2545	30 *762.0*	1,072	CH1000 CH1100 CH2000	12 14 16	800 *(3.56 kN)* 560 *(2.49 kN)* 400 *(1.78 kN)*
CB2546	36 *914.4*	1,262	CH1000 CH1100 CH2000	12 14 16	650 *(2.89 kN)* 450 *(2.00 kN)* 320 *(1.42 kN)*

Material & Finish: HG, SS

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings *(Unless Otherwise Shown on Drawing)*
Hole Diameter: 9⁄16" (14.3mm); Hole Spacing - From End: 13⁄16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)
Note : When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

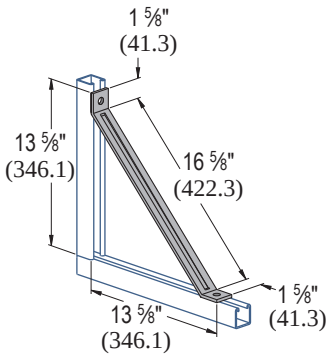
CB2547 THRU CB2551 – CABLE TRAY BRACKET



Part Number	"A" In *(mm)*	"B" In *(mm)*	Wt/100 pcs Lbs	Uniform Load* Lbs *(kN)*
CB2547	15 *381.0*	8¾ *222*	420	1,000 *(4.45 kN)*
CB2548	21 *533.4*	8¾ *222*	628	1,000 *(4.45 kN)*
CB2549	27 *685.8*	11¼ *286*	860	900 *(4.00 kN)*
CB2550	33 *838.2*	11¼ *286*	1010	900 *(4.00 kN)*
CB2551	39 *990.6*	16 *406.4*	1257	800 *(3.56 kN)*

Material & Finish: HG, SS

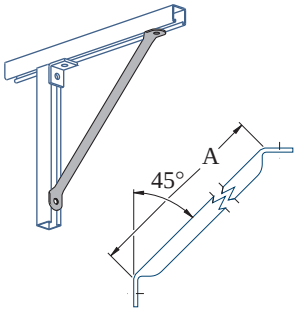
GF2452 – KNEE BRACE

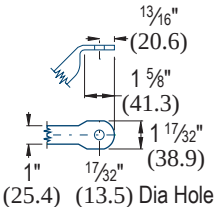


Material: ¼" (6.4) thick steel.
Design Axial Load 1200 Lbs

Material & Finish: EG — Wt/100 pcs: 55 Lbs

GF2458-18 – TUBULAR KNEE BRACE





Design Loads
Compression = 1500 Lbs
Tension = 300 Lbs

Part Number	"A" In *(mm)*	Wt/100 pcs Lbs
GF2458-18	18 *457.2*	146

Material & Finish: GR

Axial load refers to the maximum force a brace can resist along its length in tension (pulling) or compression (pushing). Design loads for tubular knee braces are presented separately as tension and compression values.

Standard Dimensions for 1⅝" (41.3mm) width series channel fittings *(Unless Otherwise Shown on Drawing)*
Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1⅞" (47.6mm); Width: 1⅝"(41.3mm); Thickness: ¼" (6.4mm)
Note : When used for mechanical supports, load capacities of brackets and fittings should be in compliance with the American Standard Code for Pressure Piping.



Channel Nuts 67

Threaded Rods 68

Hardware ..... 68 - 73

MATERIALS & FINISHES

UBS channel nuts are case hardened, assuring positive biting action into the inturned edge of the UBS channel.

Nuts, bolts and washers are available in:

STEEL: ELECTRO-GALVANIZED (EG)

STEEL: HOT-DIPPED GALVANIZED (HG)

STAINLESS STEEL (SS)

For other materials and finishes, contact your UBS representative.

DESIGN BOLT TORQUE

BOLT SIZE	¼"-20	5/16"-18	⅜"-16	½"-13	⅝"-11	¾"-10
Rec.Torque Ft/Lbs *(N•m)*	6 *(8)*	11 *(15)*	19 *(26)*	50 *(68)*	100 *(136)*	125 *(170)*
Max Torque Ft/Lbs *(N•m)*	7 *(9)*	15 *(20)*	25 *(34)*	70 *(95)*	125 *(170)*	135 *(183)*

THREADS

All threads on the nuts and bolts are Unified and American coarse screw threads.

Channel	Channel Nut Size-Thread	Gauge	Allowable Pull-Out Strength Lbs *(kN)*	Resistance to Slip Lbs *(kN)*	Torque Ft-Lbs *(N•m)*
CH1000 CH3000 CH5000 CH5500	⅞" - 9	12	2,500 *11.12*	1,700 *7.56*	*125 *170*
	¾" - 10	12	2,500 *11.12*	1,700 *7.56*	*125 *170*
	⅝" - 11	12	2,500 *11.12*	1,500 *6.67*	*100 *135*
	½" - 13	12	2,000 *8.90*	1,500 *6.67*	50 *70*
	7/16" - 14	12	1,400 *6.23*	1,000 *4.45*	35 *50*
	⅜" - 16	12	1,000 *4.45*	800 *3.56*	19 *25*
	5/16" - 18	12	800 *3.56*	500 *2.22*	11 *15*
	¼" - 20	12	600 *2.67*	300 *1.33*	6 *8*
CH3300	½" - 13	12	1,500 *6.67*	1,500 *6.67*	50 *70*
	⅜" - 16	12	1,000 *4.45*	800 *3.56*	19 *25*
	5/16" - 18	12	800 *3.56*	500 *2.22*	11 *15*
	¼" - 20	12	600 *2.67*	300 *1.33*	6 *8*

Channel	Channel Nut Size-Thread	Gauge	Allowable Pull-Out Strength Lbs *(kN)*	Resistance to Slip Lbs *(kN)*	Torque Ft-Lbs *(N•m)*
CH1100 & CH4100	½" - 13	14	1,400 *6.23*	1,000 *4.45*	50 *70*
	⅜" - 16	14	1,000 *4.45*	750 *3.34*	19 *25*
	5/16" - 18	14	800 *3.56*	400 *1.78*	11 *15*
	¼" - 20	14	600 *2.67*	300 *1.33*	6 *8*
CH2000	½" - 13	16	1,000 *4.45*	1,000 *4.54*	50 *70*
	⅜" - 16	16	1,000 *4.45*	750 *3.34*	19 *25*
	5/16" - 18	16	800 *3.56*	400 *1.78*	11 *15*
	¼" - 20	16	600 *2.67*	300 *1.33*	6 *8*

* May require ⅜" or ½" thick fitting.

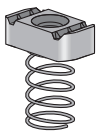
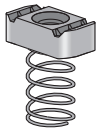
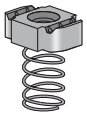
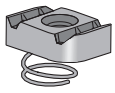
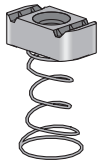
Nut design loads include a minimum safety factor of 3.

Note: Refer to the Channel Nut Selection Chart on the following page for the part number.

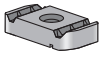
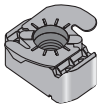
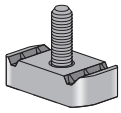
Values are based on carbon steel material

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

CHANNEL NUT WITH SPRING

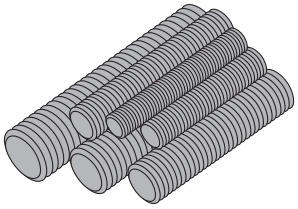
	Part Number	Nut Size Thread		Wt/100 pcs Lbs	Use With
	SN1006-1420 EG	¼"	-20	7	CH1000, CH1100, CH3000
	SN1006-1420 SS				
	SN1007 EG	5⁄16"	-18	6	
	SN1008 EG	⅜"	-16	10	
	SN1008 SS				
	SN1010 EG	½"	-13	12	
	SN1010 SS				
	SN M10 EG	M10		10	CH1000, CH1100, CH3000
	SN M8 EG	M8		10	
	SN1012S EG	⅝"	-11	21	CH1000, CH1100, CH3000
	SN1023S EG	¾"	-10	21	
	SN4006-1420 EG	¼"	-20	7	CH3300, CH4100
	SN4006-1420 SS				
	SN4007 EG	5⁄16"	-18	6	
	SN4008 EG	⅜"	-16	9	
	SN4010 EG	½"	-13	8	
	SN4012S EG	⅝"	-11	10	CH3300, CH4100
	SN5508 EG	⅜"	-16	10	CH5500
	SN5510 EG	½"	-13	12	
	SN7006-1420	¼"	-20	1	CH7000

CHANNEL NUT WITHOUT SPRING

	Part Number	Nut Size Thread		Wt/100 pcs Lbs	Use With
	SN1023 EG	¾"	-10	20	Any Channel Except CH3300, CH4100
	SN3006-1420 EG	¼"	-20	6	Any Channel
	SN3008 EG	⅜"	-16	9	Any Channel
	SN3010 EG	½"	-13	11	Any Channel Except CH3300, CH4100
	SN3013 EG	½"	-13	8	CH3300, CH4100
	SN1008 T EG	⅜"	-16	10	Any Channel
	SN1010 T EG	½"	-13	12	Any Channel Except CH3300, CH4100
	SN4008 T SS	⅜"	-16	12	CH1000, , CH2000, CH3000, CH5500
	SN4010 T EG	½"	-13	*8*	CH3300, CH4100
	SN14 EG	¼"	-20	*11*	Any Channel



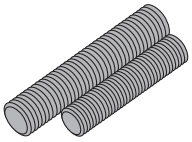
PLATED THREADED ROD



Size	Wt/100 Ft. Lbs
1/4"	13
3/8"	30
1/2"	53
5/8"	84
3/4"	124
7/8"	170

Material & Finish: EG — Lengths: 10'

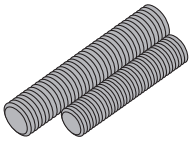
STAINLESS STEEL THREADED ROD



Size	Wt/100 Ft. Lbs
3/8"	30
1/2"	53
5/8"	84
3/4"	124

Material & Finish: SS (304 & 316) — Lengths: 12'

B7 THREADED ROD

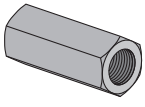


Made from ASTM A193 GR B7

Size	Wt/100 Ft. Lbs
3/8"	30
5/8"	84

Material & Finish: ZD, SS — Lengths: 6'

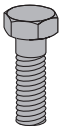
ROD COUPLER



Size	Wt/100 Ft. Lbs
1/4"	13
3/8"	30
1/2"	53
5/8"	84

Material & Finish: EG

HEX BOLT



Size	Lengths Available
1/4"	3/4" – 1 1/4"
5/16"	1 1/2" – 5"
3/8"	3/4" – 7"
1/2"	1" – 4"

Material & Finish: EG, HG, SS

HEX NUT



Size	Wt/100 Ft. Lbs
1/4"	0.6
5/16"	1.2
3/8"	1.6
1/2"	4.8
5/8"	7.3

Material & Finish: EG, HG, SS

LOCK WASHER



Size	Wt/100 Ft. Lbs
1/4"	0.25
5/16"	0.41
3/8"	0.63
1/2"	1.32
5/8"	2.20

Material & Finish: EG, HG, SS

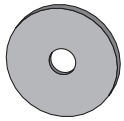
FLAT WASHER



Size	Wt/100 Ft. Lbs
1/4"	0.8
5/16"	1.0
3/8"	1.5
1/2"	3.5
5/8"	7.7

Material & Finish: EG, HG, SS

FENDER WASHER

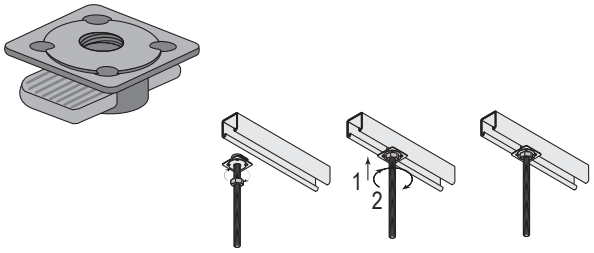


Size	Wt/100 Ft. Lbs
1/4"	1.0
3/8"	3.0
1/2"	6.0
5/8"	9.0

Material & Finish: EG, HG, SS

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

KWIK WASHER™

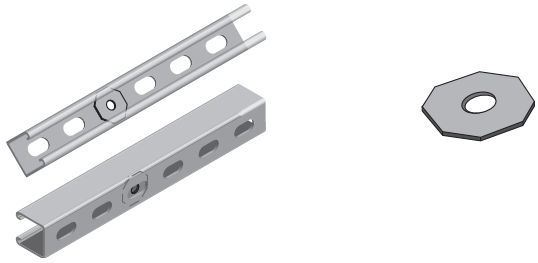


Overhead installation with one hand.

Part No.	Size In *(mm)*	Load Lbs (kN)	Wt/100 pcs Lbs
GFK1062 EG	¼" *(6.4)*	250 *(1.11)*	1.2
GFK1063 EG	⅜" *(9.5)*	610 *(2.71)*	2.6
GFK1064 EG	½" *(12.7)*	1,130 *(5.03)*	9.3

Material & Finish: EG

SLOT ADAPTER™

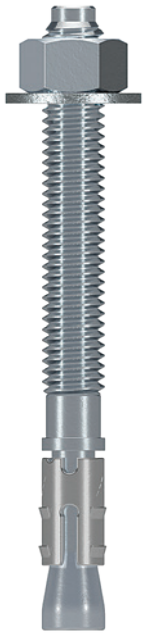


Part No.	Bolt Size	Wt/100 pcs Lbs
GFSA025	¼" *(6.4)*	1
GFSA037	⅜" *(9.5)*	1.5

Material & Finish: EG



STB2-25 THRU STB2-100 – STRONG-BOLT 2 WEDGE ANCHOR



Code listed for cracked and uncracked concrete, and masonry applications, the Strong-Bolt 2 wedge-type expansion anchor is an optimal choice for high-performance even in seismic and high-wind conditions. Dual undercutting embossments on each clip segment enable secondary expansion should a crack form and intersect the anchor location; this feature significantly increases the ability of Strong-Bolt 2 to carry load if the hole expands.

SIMPSON Strong-Tie

Key Features

- Available in Zinc Plated, Mechanically Galvanized, and Stainless Steel 304/316
- Chamfered top designed to prevent mushrooming during installation
- Qualified for static and seismic loading conditions
- Suitable for horizontal, vertical and overhead applications

Part Number	Size	Length
STB2-25	¼"	1-¾" to 3-¼" *(45 to 83mm)*
STB2-37	⅜"	2-¼" to 7" *(57 to 178mm)*
STB2-50	½"	2-¾" to 12" *(70 to 305mm)*
STB2-62	⅝"	3-½" to 12" *(89 to 305mm)*
STB2-75	¾"	4-¾" to 12" *(121 to 305mm)*
STB2-100	1"	7" to 13" *(178 to 330mm)*

* Other sizes available please inquire

Material & Finish: ZP, MG, SS 304/316

MDPL02506 THRU MDPL05010 – SDS-PLUS DRILL BITS



Key Features

SIMPSON Strong-Tie

- SDS-plus Drill Bits are designed to meet precise tolerance requirements and incorporate proprietary features that enhance durability and drilling speed, while improving ease of use.
- Fits all current and older SDS-plus® rotohammers from AEG, Black & Decker, Bosch, DeWalt, Hitachi, Hilti, Kango, Makita, Metabo, Milwaukee, Porter Cable, Ramset, Red Head, Ryobi and Skil.
- Uniformly brazed carbide inserts result in longer bit life
- Chromium-nickel-molybdenum steel alloy body ensures hammering quality/lifes
- Heat-treatment procedures and shot-peened finish increase surface hardness, drilling speed, reduces drill bit wear and improves resistance to bending forces
- Drill Bits confirm to ANSI standard B212.15

Part Number	Description	Drills Holes for These Size STB2
MDPL02506	SDS PLUS BIT ¼" x 6-¼" *(6.4 x 159mm)*	STB2 - ¼" x 1-¼" to 3-¼" *(6.4 x 45 to 83mm)*
MDPL03706	SDS PLUS BIT ⅜" x 6-¼" *(9.5 x 159mm)*	STB2 - ⅜" x 2-¾" to 3-½" *(9.5 x 70 to 89mm)*
MDPL03710	SDS PLUS BIT ⅜" x 10-¼" *(9.5 x 260mm)*	STB2 - ⅜" x 2-¾" to 7" *(9.5 x 70 to 179mm)*
MDPL05010	SDS PLUS BIT ½" x 10-¼" *(12.7 x 260mm)*	STB2 - ½" x 3-¾" to 7" *(12.7 x 95 to 179mm)*

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

AT-3G – HIGH-STRENGTH HYBRID ACRYLIC ADHESIVE



Key Features

- AT-3G is a hybrid, acrylic-based adhesive for anchoring threaded rod and rebar into cracked and uncracked concrete
- Ideal for cold weather and wet concrete applications, AT-3G dispenses easily and offers a fast curing time for same-day bolt up.
- Tested and code compliant with the IBC and IRC
- For use in cold weather conditions or applications where fast cure is required
- Base material installation temperatures down to 0°F *(-18°C)*

TITEN HD® THREADED ROD HANGER



Key Features

- High-strength screw anchor designed to suspend threaded rod from concrete slabs, beams or concrete over metal in order to hang pipes, cable trays and other HVAC equipment.
- The Titen rod hanger offers low installation torque with no secondary setting, and has been tested to offer industry-leading performance in cracked and uncracked concrete — even in seismic loading conditions.
- Serrated cutting teeth and thread design enable quick and easy installation
- Installs with standard-sized sockets
- Use in dry interior environments only
- Code listed for cracked and uncracked concrete applications
- FM listed

Material & Finish: ZP, MG, SS 304/316

TITEN HD® HEAVY-DUTY SCREW ANCHOR



Key Features

- A high-strength screw anchor for use in cracked and uncracked concrete, as well as uncracked masonry.
- Offers low installation torque and outstanding performance.
- The screw anchor is easy to remove when used in temporary applications such as bracing and form work, or when a fixture needs to be relocated.
- Qualified for static, wind and seismic loading conditions
- Hex-washer head requires no separate washer, unless required by code, and provides a clean installed appearance
- Removable — ideal for temporary anchoring (e.g., form work, bracing) or applications where fixtures may need to be moved

Material & Finish: ZP, MG, SS 304/316

MDS38 & MDS12 – DROP-IN INSERT



Part No.	Size	Drill Bit Diameter	Allowable Tension Load 3000 psi Concrete	Pull-Out 3000 psi Concrete
MDS38	⅜" - 16	½"	795 Lbs *(3.54kN)*	4,400 Lbs *(19.57kN)*
MDS12	½" - 13	⅝"	1,178 Lbs *(5.24kN)*	7,040 Lbs *(31.32kN)*

*zinc plated steel

Material & Finish: EG, SS

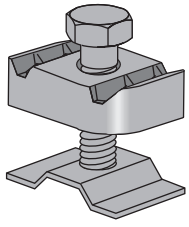
CSM12 – CHANNEL SOCKET

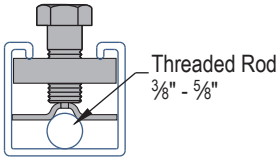


Part Number	Size
CSM12	½"

Material & Finish: EG

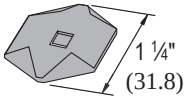
GF3500 – SEISMIC ROD STIFFENER



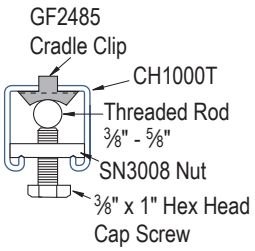


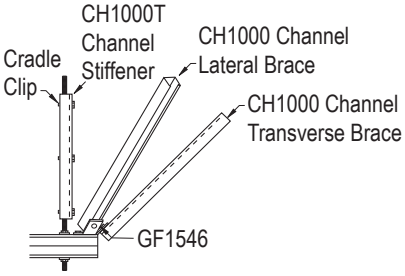
Material & Finish: EG, SS — Wt/100 pcs: 16 Lbs

GF2485 – CRADLE CLIP



Cradle clip only, order other items separately.





Material & Finish: EG — Wt/100 pcs: 3 Lbs

Rod Size In *(mm)*	Root Area In2 *(mm2)*	Radius of Gyration In *(mm)*	Design Load Lbs *(kN)*	Rod Stiffener Clip Spacing (L)			
				Rod Stress @100% 10,700 PSI In *(mm)*	Rod Stress @75% 8,025 PSI In *(mm)*	Rod Stress @50% 5,350 PSI In *(mm)*	Rod Stress @35% 3,745 PSI In *(mm)*
⅜	0.068	0.074	730	9	11	13	15
9.5	*49.5*	*1.99*	*3.25*	*228.6*	*279.4*	*330.2*	*381.0*
½	0.126	0.100	1,350	12	14	17	21
12.7	*72.4*	*2.40*	*6.01*	*304.8*	*355.6*	*431.8*	*533.4*
⅝	0.202	0.127	2,160	15	18	22	26
15.9	*138.3*	*3.32*	*9.61*	*381.0*	*457.2*	*558.8*	*660.4*

Notes:
1. Minimum Tensile Stress is 50,000 psi (345MPa)
2. Working Stress is 10,700 psi (73.9 MPa) – Same as for Tension
3. Compression Will Only Occur During a Seismic Event
4. Compression Requires the Use of Rod Stiffeners
5. KL/r = 200 When Rod Stress is at 35%

Refer to a seismic bracing systems catalog for more information.

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

QD14 THRU QD12 – Q-DECK HANGER

The fastest, most economical way to hang plumbing pipe, light fixtures, sheet metal duct, display fixtures, and more from a Q-Deck. The Q-Deck Hanger eliminates unsightly holes chiseled or punched in the side of the Q-Deck, weakening the deck. With the Q-Deck Hanger, you can keep damage to roof insulation to a minimum.



QD14



QD38

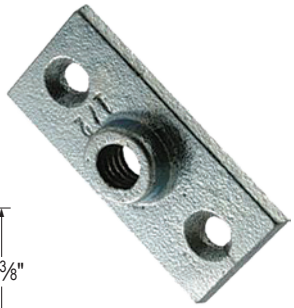


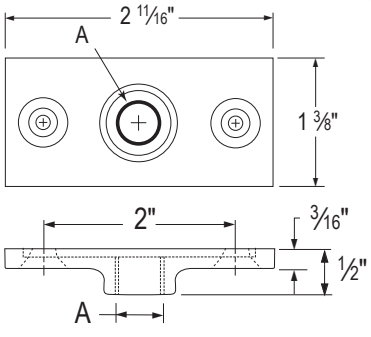
QD12

Part Number	Hole Size	Width	Number of Bottom Side Holes	Lab Pull-Test Top	Lab Pull-Test Bottom	Recommended Load Lbs 5-1 Safety	
						Top	Bottom
QD14	¼"	¾" Wide	2	1,570 lbs	1,130 lbs	314	226
QD38	⅜"	¾" Wide	2	1,570 lbs	1,130 lbs	314	226
QD12	½"	1½" Wide	4	1,570 lbs	1,130 lbs	314	226

Material & Finish: AL

CF14 THRU CF12 – MALLEABLE CEILING FLANGES





Part Number	A Size	Anchor Test (lbs)	Recommended Load 5-1 Safety
CF14	¼"	2,500	500
CF38	⅜"	3,000	600
CF12	½"	3,000	600

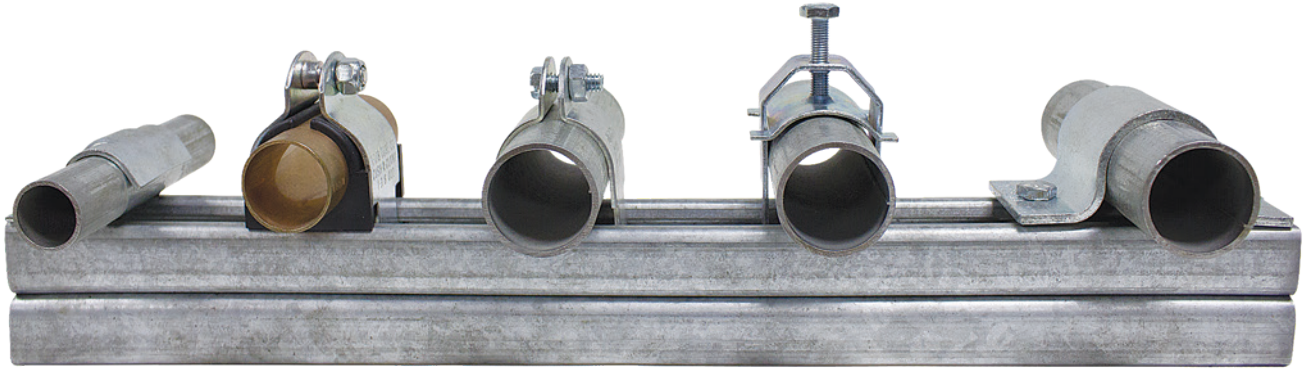
Material & Finish: EG

CLAMPS & PIPE SUPPORTS



Pipe/Conduit Clamps ..... 75 - 77
Pipe Straps 78
Isolation Material 78
Cushioned Clamps ..... 79 - 80
Hi-Voltage Clamps ..... 81 - 82
Riser Clamps 83
Pipe Hangers ..... 84 - 85
Spring Hangers 86
Spring Mounts 87





MATERIALS & FINISHES

Consult UBS for ordering information.

Pipe supports are available in:

ELECTRO-GALVANIZED (EG)
HOT-DIPPED GALVANIZED (HG),
STAINLESS STEEL (SS)

DIMENSIONS

Imperial dimensions are illustrated in inches. Metric dimensions are shown in parenthesis or as noted. Unless noted, all metric dimensions are in millimeters and rounded to one decimal place.

DESIGN LOAD

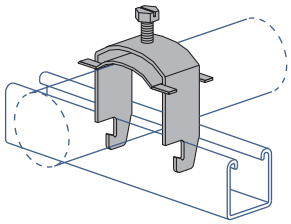
Design load data, where shown, is based on the ultimate strength of the connection with a safety factor of 5.0, unless otherwise noted.

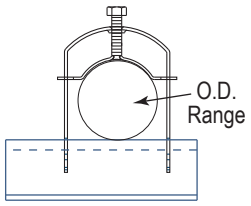
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

SC055TEG THRU SC475TEG – SADDLE CLAMPS - ONE PIECE

MONGOOSE CLAMP





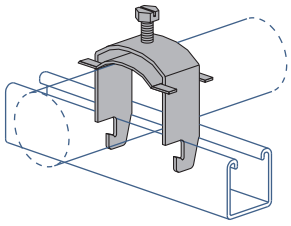


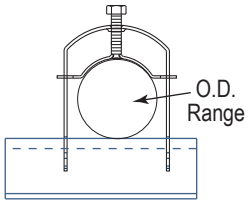
Part No.	Nominal Trade Size In *(mm)*	O.D. Range		Static Load Limit * Lbs *(kN)*
		Min In *(mm)*	Max In *(mm)*	
SC055TEG	¼ *6.4*	0.05 *1.3*	0.55 *14.0*	200 *0.89*
SC081TEG	⅜ *9.5*	0.31 *7.9*	0.81 *20.6*	200 *0.89*
SC110TEG	½ or ¾ *12.7 or 19.1*	0.81 *20.6*	1.10 *27.9*	200 *0.89*
SC135TEG	1 *25.4*	0.85 *21.6*	1.35 *34.3*	200 *0.89*
SC175TEG	1¼ *31.8*	1.25 *31.8*	1.75 *44.5*	200 *0.89*
SC205TEG	1½ *38.1*	1.75 *44.5*	2.05 *52.1*	200 *0.89*
SC250TEG	2 *50.8*	2.00 *51*	2.50 *63.5*	200 *0.89*
SC300TEG	2½ *63.5*	2.50 *63.5*	3.00 *76.2*	250 *1.11*
SC325TEG	2¾ *69.9*	2.75 *69.9*	3.25 *82.6*	250 *1.11*
SC375TEG	3 *76.2*	3.25 *82.6*	3.75 *95.3*	250 *1.11*
SC425TEG	3½ *88.9*	3.75 *95.3*	4.25 *108.0*	250 *1.11*
SC475TEG	4 *101.6*	4.25 *108.0*	4.75 *120.7*	250 *1.11*

* Safety Factor = 4

Material & Finish: EG

SC055SS THRU SC475SS – SADDLE CLAMPS - ONE PIECE STAINLESS STEEL



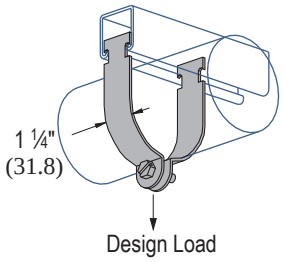


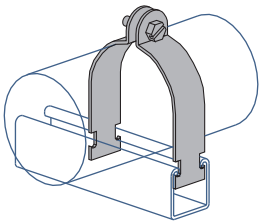
Part No.	Nominal Trade Size In *(mm)*	Cable O.D. Range		Static Load Limit * Lbs *(kN)*
		Min In *(mm)*	Max In *(mm)*	
SC055SS	¼ *6.4*	0.05 *1.3*	0.55 *14.0*	200 *0.89*
SC081SS	⅜ *9.5*	0.31 *7.9*	0.81 *20.6*	200 *0.89*
SC110SS	½ or ¾ *12.7 or 19.1*	0.81 *20.6*	1.10 *27.9*	200 *0.89*
SC135SS	1 *25.4*	0.85 *21.6*	1.35 *34.3*	200 *0.89*
SC175SS	1¼ *31.8*	1.25 *31.8*	1.75 *44.5*	200 *0.89*
SC205SS	1½ *38.1*	1.75 *44.5*	2.05 *52.1*	200 *0.89*
SC250SS	2 *50.8*	2.00 *51*	2.50 *63.5*	200 *0.89*
SC300SS	2½ *63.5*	2.50 *63.5*	3.00 *76.2*	250 *1.11*
SC325SS	2¾ *69.9*	2.75 *69.9*	3.25 *82.6*	250 *1.11*
SC375SS	3 *76.2*	3.25 *82.6*	3.75 *95.3*	250 *1.11*
SC425SS	3½ *88.9*	3.75 *95.3*	4.25 *108.0*	250 *1.11*
SC475SS	4 *101.6*	4.25 *108.0*	4.75 *120.7*	250 *1.11*

* Safety Factor = 4

Material & Finish: SS

PC1109 THRU PC1126 – 2 PIECE PIPE CLAMPS FOR RIGID STEEL CONDUIT

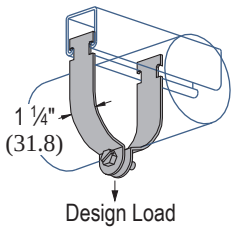


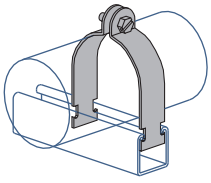


Part No.	Conduit Size In	O.D. Size In *(mm)*	Thickness Gauge *(mm)*	Wt/100 pcs Lbs	Design Load Lbs
PC1109	⅜	0.675 *17.1*	16 *1.5*	10	400
PC1111	½	0.840 *21.3*	16 *1.5*	11	400
PC1112	¾	1.050 *26.7*	14 *1.9*	15	600
PC1113	1	1.315 *33.4*	14 *1.9*	17	600
PC1114	1¼	1.660 *42.2*	14 *1.9*	19	600
PC1115	1½	1.900 *48.3*	12 *2.7*	29	800
PC1117	2	2.375 *60.3*	12 *2.7*	34	800
PC1118	2½	2.875 *73.0*	12 *2.7*	40	800
PC1119	3	3.500 *88.9*	12 *2.7*	47	800
PC1120	3½	4.000 *101.6*	11 *3.0*	62	1,000
PC1121	4	4.500 *114.3*	11 *3.0*	67	1,000
PC1123	5	5.563 *141.3*	11 *3.0*	80	1,000
PC1124	6	6.625 *168.3*	10 *3.4*	102	1,000
PC1126	8	8.625 *219.1*	10 *3.4*	130	1,000

Material & Finish: AL, EG, SS

PC1426 THRU PC1431 – 2 PIECE PIPE CLAMPS FOR THIN WALL CONDUIT (EMT)



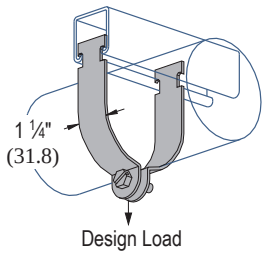


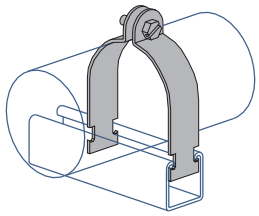
Part No.	Conduit Size In *(mm)*	O.D. Size In *(mm)*	Thickness Gauge *(mm)*	Wt/100 pcs Lbs	Design Load Lbs
PC1426	½ *12.7*	0.706 *17.9*	16 *1.5*	11	400
PC1427	¾ *19.1*	0.922 *23.4*	16 *1.5*	12	400
PC1428	1 *25.4*	1.163 *29.5*	14 *1.9*	15	600
PC1429	1¼ *31.8*	1.510 *38.4*	14 *1.9*	18	600
PC1430	1½ *38.1*	1.740 *44.2*	12 *2.7*	29	800
PC1431	2 *50.8*	2.197 *55.8*	12 *2.7*	33	800

Material & Finish: EG

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

PC2024 THRU PC1126 – 2 PIECE PIPE CLAMPS FOR OD TUBING





PC2024 - PC2029 16 ga.
PC2030 - PC2035 14 ga.
PC2037 - PC2052 12 ga.
PC2053 - PC2066 11 ga.
PC2067 - PC1126 10 ga.

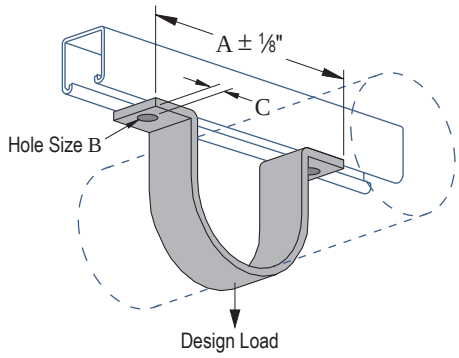
Part Number	O.D. Size In *(mm)*	Wt/100 pcs Lbs	Design Load Lbs
PC2024	¼" *6.4*	8	400
PC2025	⅜" *9.5*	8	
PC2026	½" *12.7*	9	
PC2027	⅝" *15.9*	10	
PC2028	¾" *19.1*	11	
PC2029	⅞" *22.2*	12	
PC2030	1" *25.4*	14	600
PC2031	1⅛" *28.6*	15	
PC2032	1¼" *31.8*	16	
PC2033	1⅜" *34.9*	17	
PC2034	1½" *38.1*	18	
PC2035	1⅝" *41.3*	19	
PC1430	1½" *38.1*	29	800
PC2037	1⅞" *47.6*	28	
PC2038	2" *50.8*	31	
PC2039	2⅛" *54.0*	32	
PC2040	2¼" *57.2*	33	
PC1117	2⅜" *60.3*	34	
PC2042	2½" *63.5*	35	
PC2043	2⅝" *66.7*	37	
PC2044	2¾" *69.9*	38	
PC1118	2⅞" *73.0*	40	

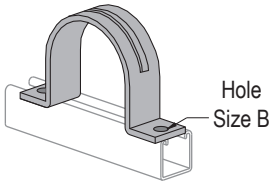
Part Number	O.D. Size In *(mm)*	Wt/100 pcs Lbs	Design Load Lbs
PC2046	3" *76.2*	41	800 (cont.)
PC2047	3⅛" *79.4*	43	
PC2048	3¼" *82.6*	45	
PC2049	3⅜" *85.7*	46	
PC1119	3½ *88.9*	47	
PC2051	3⅝" *92.1*	56	1,000
PC2052	3¾" *95.3*	58	
PC2053	3⅞" *98.4*	60	
PC1120	4" *101.6*	62	
PC2055	4⅛" *104.8*	62	
PC2056	4¼" *108.0*	64	
PC2057	4⅜" *111.1*	66	
PC1121	4½" *114.3*	67	
PC2059	4⅝" *117.5*	70	
PC2060	4¾" *120.7*	72	
PC2061	4⅞" *123.8*	73	
PC2062	5" *127.0*	74	
PC2063	5⅛" *130.2*	76	
PC2064	5¼" *133.4*	77	
PC2065	5⅜" *136.5*	78	
PC2066	5½" *140.0*	79	
PC2067	5⅝" *142.9*	88	
PC2068	5¾" *146.1*	90	

Part Number	O.D. Size In *(mm)*	Wt/100 pcs Lbs	Design Load Lbs
PC2069	5⅞" *149.2*	92	1000 (cont.)
PC2070	6" *152.4*	94	
PC2070-61	6⅛" *155.6*	96	
PC2070-62	6¼" *158.8*	98	
PC2070-63	6⅜" *161.9*	99	
PC2070-64	6½" *165.1*	100	
PC1124	6⅝" *168.3*	102	
PC2070-66	6¾" *171.5*	104	
PC2070-67	6⅞" *174.6*	106	
PC2070-70	7" *177.8*	108	
PC2070-71	7⅛" *181.0*	110	
PC2070-72	7¼" *184.2*	112	
PC2070-73	7⅜" *187.3*	114	
PC2070-74	7½" *190.5*	116	
PC2070-75	7⅝" *193.7*	117	
PC2070-76	7¾" *196.9*	119	
PC2070-77	7⅞" *200.0*	121	
PC2070-80	8" *203.2*	123	
PC2070-81	8⅛" *206.4*	125	
PC2070-82	8¼" *209.6*	126	
PC2070-83	8⅜" *212.7*	128	
PC2070-84	8½" *215.9*	129	
PC1126	8⅝" *219.1*	130	

Material & Finish: EG

PC2558-05 THRU PC2558-60 – SINGLE PIECE PIPE STRAP FOR RIGID STEEL CONDUIT



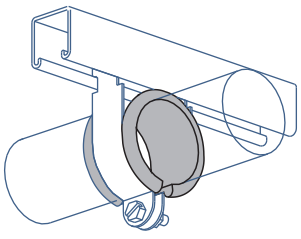


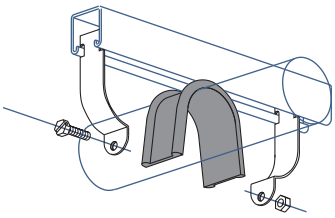
Hardware sold separately.

Part Number	Nominal Pipe Size In	A In (mm)	"B" In (mm)	C In (mm)	Thick-ness In (mm)	Wt/100 pcs Lbs	Design Load Lbs
PC2558-05	½	2⅞ *73.0*				23	
PC2558-07	¾	3⅛ *79.4*				26	
PC2558-10	1	3⅜ *85.7*	9/32 *7.1*	7/16 *11.1*	⅛ *3.2*	31	500
PC2558-12	1¼	3¾ *95.3*				35	
PC2558-15	1½	3⅞ *98.4*				39	
PC2558-20	2	5¾ *146.1*				94	
PC2558-25	2½	6¼ *158.8*				114	
PC2558-30	3	6⅞ *174.6*				133	
PC2558-35	3½	7⅜ *187.3*	7/16 *11.1*	11/16 *17.5*	¼ *6.4*	152	1,000
PC2558-40	4	7⅞ *200.0*				176	
PC2558-50	5	9 *228.6*				198	
PC2558-60	6	10 *254.0*				225	

Material & Finish: EG

GF2600 – ISOLATION MATERIAL





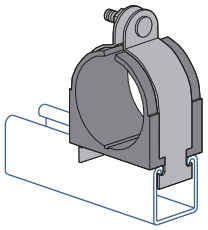
FEATURES

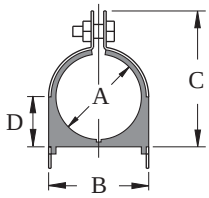
- 25 feet per carton.
- Shock absorption
- Protection from corrosion and abrasion
- Allowance for expansion & contraction in pipe diameter
- Sound and vibration isolation
- Stability in use from - 50°F to 350°F (-47°C 177°C)
- Flexible elastomer material
- Will not support combustion

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

THE ISO CLAMP

CCT025 THRU CCT412 – TUBE CUSHIONED CLAMPS





Other sizes available by request

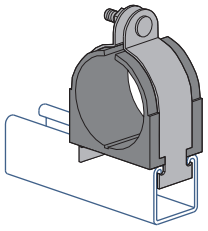
- Cushion material is a thermoplastic elastomer rated from -65°F to 248°F (-53°C to 120°C).
- Resist most fuels, oils, gases, greases, solvents, mineral acids and other harsh materials.
- Allow fluid conductors to be added or removed from installations without disturbing adjacent lines.
- Permit various size lines to be mixed to suit installation.
- Available in 304 and 316 stainless steel.

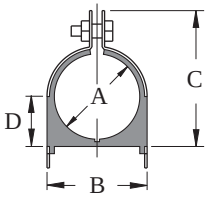
Part Number	Copper & Steel Tube O. D. Size	Copper Water Pipe (Nominal)	Dimensions "A" In *(mm)*	"B" In *(mm)*	"C" In *(mm)*	"D" In *(mm)*	Wt/100 pcs Lbs
CCT025	¼"	–	0.25 *6.4*	0.62 *15.7*	0.98 *24.9*	0.27 *6.9*	10
CCT037	⅜"	¼	0.37 *9.4*	0.82 *20.8*	1.13 *28.7*	0.33 *8.4*	11
CCT050	½"	⅜"	0.5 *12.7*	0.94 *23.9*	1.34 *34.0*	0.4 *10.2*	13
CCT062	⅝"	½"	0.62 *15.7*	1.06 *26.9*	1.54 *39.1*	0.46 *11.7*	14
CCT075	¾"	⅝"	0.75 *19.1*	1.2 *30.5*	1.68 *42.7*	0.52 *13.2*	14
CCT087	⅞"	¾"	0.87 *22.1*	1.31 *33.3*	1.82 *46.2*	0.58 *14.7*	15
CCT100	1"	–	1.00 *25.4*	1.44 *36.6*	1.95 *49.6*	0.65 *16.6*	17
CCT112	1⅛"	1"	1.12 *28.4*	1.57 *39.9*	2.08 *52.8*	0.7 *17.8*	18
CCT125	1¼"	–	1.25 *31.8*	1.70 *43.2*	2.21 *56.1*	0.77 *19.6*	18
CCT137	1⅜"	1¼"	1.37 *34.8*	1.82 *46.2*	2.34 *59.4*	0.83 *21.1*	20
CCT150	1½"	–	1.50 *38.1*	1.95 *49.6*	2.47 *62.7*	0.90 *22.9*	33
CCT162	1⅝"	1½"	1.62 *41.1*	2.07 *52.6*	2.6 *66.0*	0.96 *24.4*	35
CCT175	1¾"	–	1.75 *44.5*	2.2 *55.9*	2.73 *69.3*	1.02 *25.9*	37
CCT187	1⅞"	–	1.9 *48.3*	2.35 *59.7*	2.86 *72.6*	1.09 *27.7*	39
CCT200	2"	–	2.00 *50.8*	2.45 *62.2*	3.04 *77.2*	1.15 *29.2*	41
CCT212	2⅛"	2"	2.12 *53.8*	2.57 *65.3*	3.23 *82.0*	1.27 *32.3*	46
CCT237	2⅜"	–	2.37 *60.2*	2.82 *71.6*	3.67 *93.2*	1.41 *35.8*	47
CCT250	2½"	–	2.5 *63.5*	2.94 *74.7*	3.79 *96.3*	1.46 *37.1*	49
CCT262	2⅝"	2½"	2.62 *66.5*	3.1 *78.0*	3.92 *99.6*	1.53 *38.9*	51
CCT300	3"	–	3.00 *76.2*	3.57 *90.7*	4.42 *112.3*	1.78 *45.2*	57
CCT312	3⅛"	3"	3.12 *79.2*	3.6 *90.7*	4.42 *112.3*	1.78 *45.2*	60
CCT362	3⅝"	3½"	3.62 *91.9*	4.2 *106.7*	4.99 *126.7*	2.03 *51.6*	70
CCT412	4⅛"	4"	4.12 *104.6*	4.6 *116.1*	5.54 *140.7*	2.34 *59.4*	94

Material & Finish: EG, SS

THE ISO CLAMP

CCP025 THRU CCP600 – PIPE CUSHIONED CLAMPS





Other sizes available by request

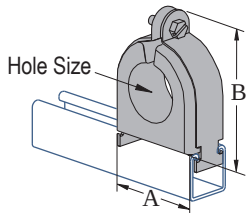
- Cushion material is a thermoplastic elastomer rated from -65°F to 248°F (-53°C to 120°C).
- Resist most fuels, oils, gases, greases, solvents, mineral acids and other harsh materials.
- Allow fluid conductors to be added or removed from installations without disturbing adjacent lines.
- Permit various size lines to be mixed to suit installation.
- Available in 304 and 316 stainless steel.

Part Number	Nominal Pipe Size In	Dimensions				Wt/100 pcs Lbs
		"A" In *(mm)*	"B" In *(mm)*	"C" In *(mm)*	"D" In *(mm)*	
CCP025	¼"	0.54 *13.7*	0.98 *24.9*	1.34 *34.0*	0.43 *10.9*	13
CCP037	⅜"	0.67 *17.0*	1.13 *28.7*	1.54 *39.1*	0.49 *12.4*	14
CCP050	½"	0.84 *21.3*	1.29 *32.8*	1.82 *46.2*	0.58 *14.7*	15
CCP075	¾"	1.05 *26.7*	1.50 *38.1*	1.95 *49.5*	0.70 *17.8*	17
CCP100	1"	1.31 *33.3*	1.76 *44.7*	2.34 *59.4*	0.81 *20.6*	19
CCP125	1¼"	1.66 *42.2*	2.17 *55.1*	2.73 *69.3*	0.99 *25.1*	35
CCP150	1½"	1.90 *48.3*	2.35 *59.7*	2.86 *72.6*	1.09 *27.7*	39
CCP200	2"	2.37 *60.2*	2.82 *71.6*	3.67 *93.2*	1.41 *35.8*	49
CCP250	2½"	2.87 *72.9*	3.32 *84.3*	4.17 *105.9*	1.66 *42.2*	57
CCP300	3"	3.50 *88.9*	3.95 *100.3*	4.79 *121.7*	1.97 *50.0*	55
CCP400	4"	4.50 *114.3*	4.95 *125.7*	5.92 *150.4*	2.53 *64.3*	110
CCP600	6"	6.62 *168.1*	7.07 *179.6*	8.23 *209.0*	3.59 *91.2*	140

Material & Finish: EG, SS

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

P1787A THRU P1795B – HI-VOLTAGE CLAMP™



Patents Pending

Strap Material: Electro-galvanized Steel (EG) or Stainless Steel (SS)

Use With: All 1⅝" channel

Replaces Porcelain and Maple Cable Clamp.

- Non-Breakable TPE Material.
- Includes Silicone Bolt and Nut.
- U.V. Resistant.
- U.L. Listed.
- Optional Stainless Steel Clamps.
- Tapered Flange to Protect Cable.
- Dielectric Strength 640 Volts Per Mil.
- One Piece Insulator.
- Replaces Porcelain & Maple Cable Clamp.
- For use in accordance with National Electrical Code ANSI/NFPA 70.
- Includes Pipe Strap.
- Temperature Rating -50°F to +275°F (-45°C to +135°C)

Part Number	Hole Size In *(mm)*	"A" In *(mm)*	"R" In *(mm)*	"B" In *(mm)*	Wt/100 pcs Lbs
P1787A	3/8 *9.5*	1.12 *28.5*	0.56 *14.2*	1.82 *46.2*	25
P1787B	1/2 *12.7*				
P1787C	5/8 *15.9*				
P1788	3/4 *19.1*	1.62 *41.1*	0.81 *20.6*	2.34 *59.4*	37
P1788A	7/8 *22.2*				
P1788B	1 *25.4*				
P1788C	1-1/8 *28.6*				
P1789	1-1/4 *31.8*	2.12 *53.8*	1.06 *26.9*	2.86 *72.6*	58
P1789A	1-3/8 *34.9*				
P1789B	1-1/2 *38.1*				
P1789C	1-5/8 *41.3*				
P1790	1-3/4 *44.5*	2.62 *66.5*	1.31 *33.2*	3.50 *88.9*	76
P1790A	1-7/8 *47.6*				
P1790B	2 *50.8*				
P1790C	2-1/8 *54.0*				
P1791	2-1/4 *57.2*	3.12 *79.2*	1.56 *39.6*	4.05 *102.9*	90
P1791A	2-3/8 *60.3*				
P1791B	2-1/2 *63.5*				
P1791C	2-5/8 *66.7*				

Part Number	Hole Size In *(mm)*	"A" In *(mm)*	"R" In *(mm)*	"B" In *(mm)*	Wt/100 pcs Lbs
P1792	2-3/4 *69.9*	3.62 *91.9*	1.81 *46.0*	4.75 *120.7*	109
P1792A	2-7/8 *73.0*				
P1792B	3 *76.2*				
P1792C	3-1/8 *79.4*				
P1793	3-1/4 *82.6*	4.12 *104.6*	2.06 *52.3*	5.125 *130.2*	130
P1793A	3-3/8 *85.7*				
P1793B	3-1/2 *88.9*				
P1793C	3-5/8 *92.1*				
P1794	3-3/4 *95.3*	4.62 *117.3*	2.31 *58.7*	5.54 *140.7*	160
P1794A	3-7/8 *98.4*				
P1794B	4 *101.6*				
P1794C	4-1/8 *104.8*				
P1795	4-1/4 *108.0*	5.00 *127.0*	2.50 *63.5*	5.92 *150.4*	160
P1795A	4-3/8 *111.1*				
P1795B	4-1/2 *114.3*				

Material & Finish: EG, SS

ELLIS - EMPEROR STAINLESS STEEL CABLE CLEATS



Single Cable Application



Trefoil Cable Application

The Emperor range offers the ultimate protection against the harshest conditions, and its unique design means it can be quickly installed. Manufactured in Type 316L stainless steel, Emperor cleats are available in multiple sizes with range-taking capability, to suit trefoil or single cables.

Material & Finish: SS (316L)

ELLIS - VULCAN STAINLESS STEEL CABLE CLEATS





Trefoil & Single Cable Application



Quad Cable Application

Our Vulcan+ cleats have a unique compact design so they can be easily installed, even when space is limited. Vulcan+ cleats are available in multiple sizes with range-taking capability, to suit trefoil, single, quad or bundled cables.

Material & Finish: SS (316L)

ELLIS - 2 HOLE CABLE CLAMP



Manufactured as standard in Black Polypropylene (B) or Black Flame Retardant V0 Zero Halogen Phosphorus-Free UV Stabilised Nylon (LSF) or to special order in a London Underground Approved Material (LUL).

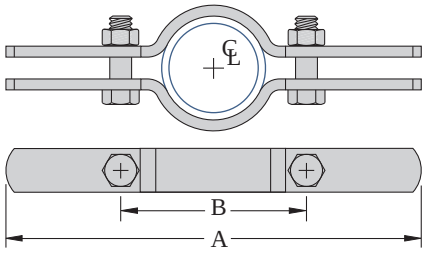
Used to fix power cables in indoor and outdoor applications.

Material & Finish: Black Polypropylene (B) or Black Flame Retardant V0 Zero Halogen Phosphorus-Free UV Stabilised Nylon (LSF) or to special order in a London Underground Approved Material (LUL)

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

RC050 THRU RC1200 – RISER CLAMP



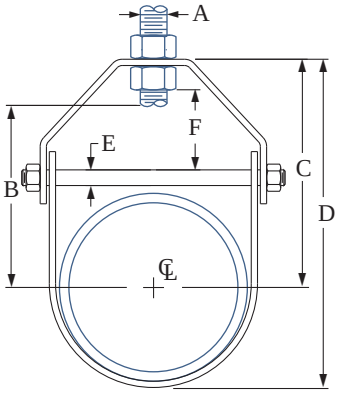


Part No.	Iron Pipe Size	Specification Data				Rec. Max. Load (lbs)	App'x Wt. Per 100 (lbs)
		A	B	Bolt Diam-eter	Material		
RC050	½	8⅝ *219.1*	2⅛ *54.0*	⅜ *9.5*	8 ga x 1	220	88
RC075	¾	8 13/16 *223.8*	2 5/16 *58.7*	⅜ *9.5*	8 ga x 1	220	92
RC100	1	9 1/16 *230.2*	2⅝ *66.7*	⅜ *9.5*	8 ga x 1	220	94
RC125	1¼	9 7/16 *239.7*	2 15/16 *74.6*	⅜ *9.5*	8 ga x 1	250	100
RC150	1½	10 *254.0*	3 7/16 *87.3*	⅜ *9.5*	8 ga x 1	250	104
RC200	2	10 9/16 *268.3*	4 *101.6*	⅜ *9.5*	8 ga x 1	300	114
RC250	2½	11⅛ *282.6*	4 9/16 *115.9*	⅜ *9.5*	3 ga x 1	400	160
RC300	3	11 13/16 *300.0*	5¼ *133.4*	⅜ *9.5*	3 ga x 1	500	170
RC350	3½	13 *330.2*	6 *152.4*	½ *12.7*	3 ga x 1	600	206
RC400	4	13⅝ *295.3*	6⅝ *168.3*	½ *12.7*	3 ga x 1	750	220
RC500	5	14⅛ *358.8*	7⅝ *163.7*	½ *12.7*	3 ga x 1 ½	1500	340
RC600	6	15⅜ *390.5*	8⅞ *225.4*	½ *12.7*	3 ga x 1 ½	1600	372
RC800	8	18⅝ *473.1*	12 *304.8*	⅝ *15.9*	⅜ x 1 ½	2500	722
RC1000	10	21 *533.4*	14½ *368.3*	⅝ *15.9*	⅜ x 2	2500	1094
RC1200	12	22¾ *577.8*	17 *431.8*	⅝ *15.9*	½ x 2	2700	1610

Material & Finish: EG, SS

CL050 THRU CL1200 – CLEVIS HANGER





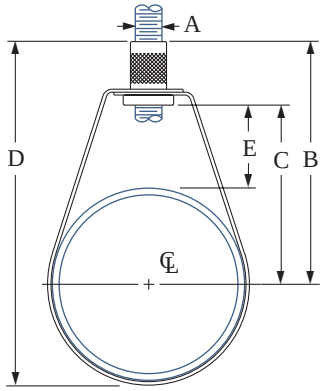
Part No.	Iron Pipe Size	Specification Data								Rec. Max. Load (lbs)	App'x Wt. Per 100 (lbs)
		A	B	C	D	E	F	Upper	Lower		
CL050	½	⅜ *9.5*	1⅛ *28.6*	1 11/16 *42.9*	2 1/16 *52.4*	¼ *6.4*	7/16 *11.1*	13 ga x ⅞	13 ga x ⅞	610	18
CL075	¾	⅜ *9.5*	1⅛ *28.6*	1 11/16 *42.9*	2 9/16 *65.1*	¼ *6.4*	7/16 *11.1*	13 ga x ⅞	13 ga x ⅞	610	18
CL100	1	⅜ *9.5*	1 5/16 *33.3*	2 1/16 *52.4*	2 11/16 *68.3*	¼ *6.4*	⅝ *15.9*	13 ga x ⅞	13 ga x ⅞	610	22
CL125	1¼	⅜ *9.5*	1⅝ *41.3*	2½ *63.5*	3 3/16 *81.0*	¼ *6.4*	⅞ *22.2*	13 ga x ⅞	13 ga x ⅞	610	26
CL150	1½	⅜ *9.5*	1⅞ *47.6*	2⅞ *73.0*	3 11/16 *93.7*	¼ *6.4*	1 1/16 *27.0*	13 ga x ⅞	12 ga x ⅞	610	34
CL200	2	⅜ *9.5*	2¼ *57.2*	3 15/16 *100.0*	4 7/16 *112.7*	¼ *6.4*	1¼ *31.8*	13 ga x ⅞	12 ga x ⅞	610	38
CL250	2½	½ *12.7*	2⅞ *73.0*	4½ *114.3*	5⅞ *149.2*	5/16 *7.9*	1 5/16 *33.3*	9 ga x 1 3/16	10 ga x 1 3/16	1130	86
CL300	3	½ *12.7*	3 15/16 *100.0*	4¾ *120.7*	6½ *165.1*	5/16 *7.9*	1¾ *44.5*	9 ga x 1 3/16	10 ga x 1 3/16	1130	96
CL350	3½	½ *12.7*	4 1/32 *102.4*	5⅞ *149.2*	7 15/16 *201.6*	5/16 *7.9*	2 9/16 *65.1*	8 ga x 1 3/16	10 ga x 1 3/16	1130	114
CL400	4	⅝ *15.9*	4⅛ *104.8*	5 15/16 *150.8*	8 3/16 *207.9*	⅜ *9.5*	2⅛ *54.0*	8 ga x 1 3/16	10 ga x 1 3/16	1430	126
CL500	5	⅝ *15.9*	4 3/16 *106.4*	5 11/16 *144.5*	8 7/16 *214.3*	½ *12.7*	1 7/16 *36.5*	4 ga x 1¼	8 ga x 1¼	1430	204
CL600	6	¾ *19.1*	5 1/16 *128.6*	6 13/16 *173.0*	10⅛ *257.2*	½ *12.7*	1¾ *44.5*	3 ga x 1½	8 ga x 1½	1940	280
CL800	8	¾ *19.1*	6 3/16 *157.2*	8 1/16 *204.8*	12 7/16 *315.9*	⅝ *15.9*	1⅞ *47.6*	3 ga x 1¾	8 ga x 1¾	2000	446
CL1000	10	⅞ *22.2*	7¾ *196.9*	10 *254.0*	15 7/16 *392.1*	¾ *19.1*	2¼ *57.2*	⅜ x 1¾	3 ga x 1¾	3600	806
CL1200	12	⅞ *22.2*	9 1/32 *229.6*	11 9/16 *293.7*	18 *457.2*	¾ *19.1*	2 13/16 *71.4*	⅜ x 2	8 ga x 2	3800	1034

Material & Finish: EG, SS

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

RH050 THRU RH800 – RING HANGER



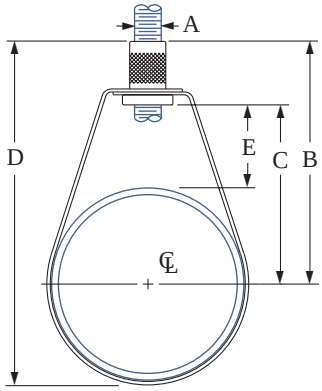


Part No.	Iron Pipe Size	Specification Data					Rec. Max. Load (lbs)	UL - ULC Test Load	App'x Wt. Per 100 (lbs)
		A	B	C	D	E			
RH050	½	⅜ *9.5*	2 15/16 *74.6*	1⅞ *47.6*	3⅜ *85.7*	1 7/16 *36.5*	400	750	9
RH075	¾	⅜ *9.5*	2⅞ *73.0*	1⅞ *47.6*	3⅜ *85.7*	1 11/32 *42.9*	400	750	9
RH100	1	⅜ *9.5*	2⅞ *73.0*	1⅞ *47.6*	3½ *88.9*	1 7/32 *309.6*	400	750	9
RH125	1 ¼	⅜ *9.5*	3 1/16 *77.8*	1 15/16 *49.2*	3⅞ *98.4*	1⅛ *28.6*	400	750	10
RH150	1 ½	⅜ *9.5*	3 3/16 *81.0*	2⅛ *54.0*	4⅛ *104.8*	1 3/16 *30.2*	400	750	11
RH200	2	⅜ *9.5*	3 7/16 *87.3*	2 7/16 *61.9*	4⅝ *117.5*	1¼ *31.8*	400	750	12
RH250	2 ½	⅜ *9.5*	3 13/16 *96.8*	2¾ *69.9*	5¼ *133.4*	1⅜ *34.9*	600	850	28
RH300	3	⅜ *9.5*	4 *101.6*	3 *76.2*	5¾ *146.1*	1¼ *31.8*	600	1050	30
RH400	4	⅜ *9.5*	4¾ *120.7*	3¾ *95.3*	7 *177.8*	1½ *38.1*	1000	1500	37
RH500	5	½ *12.7*	6 *152.4*	4¾ *120.7*	8¾ *222.3*	1 15/16 *49.2*	1000	2000	83
RH600	6	½ *12.7*	6 9/16 *135.9*	5¼ *133.4*	9⅞ *250.8*	1 15/16 *49.2*	1250	2650	95
RH800	8	½ *12.7*	7 13/16 *198.4*	6⅝ *168.3*	12⅛ *307.9*	2 5/16 *58.7*	1250	4050	118

Material & Finish: EG, SS

RH050CO THRU RH400CO – RING HANGER, BLACK





Part No.	Copper Pipe Size	Also Accommodates IPS Size	Specification Data					Rec. Max. Load (lbs)	App'x Wt. Per 100 (lbs)
			A	B	C	D	E		
RH050CO	½-¾	½	⅜ *9.5*	2 13/16 *71.4*	1 15/16 *49.2*	3¼ *82.6*	1 5/16 *33.3*	400	9
RH100CO	1	1 and 1 ¼	⅜ *9.5*	2 13/16 *71.4*	1 15/16 *49.2*	3¼ *82.6*	1⅜ *34.9*	400	9
RH150CO	1 ½	1 ¼	⅜ *9.5*	2 15/16 *74.6*	2 1/16 *52.4*	3¾ *95.3*	1 3/16 *30.2*	400	10
RH200CO	2	2	⅜ *9.5*	3 7/16 *87.3*	2 9/16 *65.1*	4 9/16 *115.9*	1⅜ *34.9*	400	12
RH250CO	2 ½	2 ½	⅜ *9.5*	3 11/16 *93.7*	2 13/16 *71.4*	5 1/16 *128.6*	1⅜ *34.9*	650	28
RH300CO	3	3	⅜ *9.5*	4 *101.6*	3⅛ *79.4*	3⅝ *92.1*	1⅜ *34.9*	650	30
RH400CO	4	4	⅜ *9.5*	4⅝ *117.5*	3¾ *95.3*	6⅞ *174.6*	1½ *38.1*	650	37

Material & Finish: Copper Colour Epoxy, SS

SSH15 THRU SSH1000 – SPRING HANGER



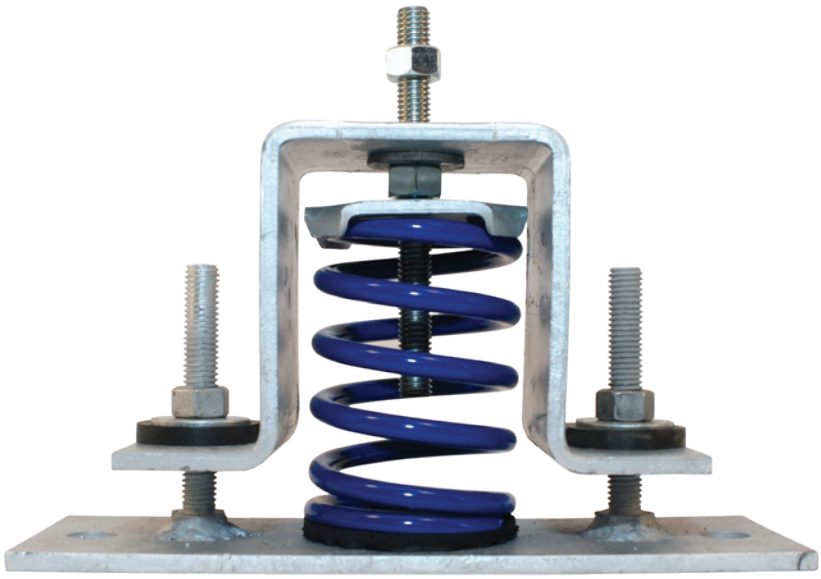
Part No.	Max. Load at 1" Deflection (lbs)	Solid		Dimensions			Max. Rod Diameter
		Load (lbs)	Deflection	L	W	H	
SSH15	15	28.7	1.9" *48.3*	2.62" *66.6*	2.25" *57.2*	4.75" *120.6*	½"
SSH30	30	48.7	1.6" *40.6*				
SSH60	60	90.0	1.5" *38.1*				
SSH100	100	157.2	1.6" *40.6*				
SSH150	150	240.5	1.6" *40.6*				
SSH200	200	269.5	1.4" *35.6*				
SSH300	300	420.0	1.4" *35.6*				
SSH318	318	477.0	1.5" *38.1*	3.5" *88.9*	2.5" *63.5*	6.5" *165.1*	¾"
SSH400	415	622.5	1.5" *38.1*				
SSH500	500	705.0	1.4" *35.6*				
SSH700	715	1,072.5	1.5" *38.1*				
SSH1000	1060	1,166.0	1.1" *27.9*				

- SSH15 - SSH300, Includes pre-galvanized standard duty housing
- SSH318 - SSH1000, Includes zinc plated heavy duty housing

Material & Finish: PG, Zinc Plated

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

JQA E21 THRU JQE 6080 – SPRING MOUNTS



Rated Load E Springs 1" Deflection		
JQA	JQB/JQBX	JQE
E21	ET255	E976
E55	ET347	E1272
E79	ET473	E1660
E106	E630	E2000
E143	E806	E2532
E187	E1030	E3204
E244	E1230	E4128
E318	E1490	6080
E415	E1810	-
E500	E2210	-
E633	-	-
E690	-	-
E801	-	-

OPA - 0070 Pre-Approved Maximum Allowable Loads (lbs)		
Size	Horiz.	Vert.
JQA	800	1,660
JQB	1,000	1,600
JQBX	1,500	2,000
JQE	3,200	4,300

- Housings are hot dip galvanized
- Hardware is zinc plated
- Springs are powder coated
- 4 different housing types, JQA, JQB, JQBX and JQE for different loads
- Housings are available with different mounting options upon request

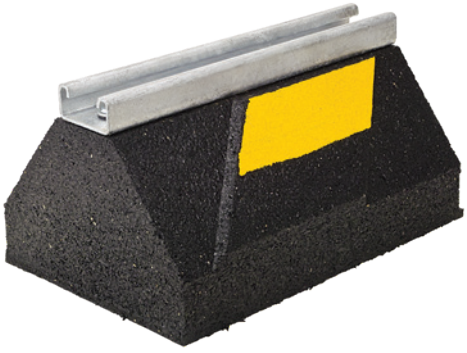
Material & Finish: HG

SEISMIC BRACING



Seismic Bracing ..... 89 - 93
Hardware 89
Gripple Hangers ..... 89 - 91
Seismic Cables 92
Seismic Fittings ..... 92 - 93
Galvanizing Compound 94
Rooftop Supports ..... 95 - 96
Erectastep 97
YellowGate Fall Protection 98
CODE Cable Tray 99
CODE Electric 100
Telespar Sign Posts and Hardware ..... 101 - 107
Sign Posts and Hardware 108
Fiberglass Marker Posts 108
Mechanical Tube 108







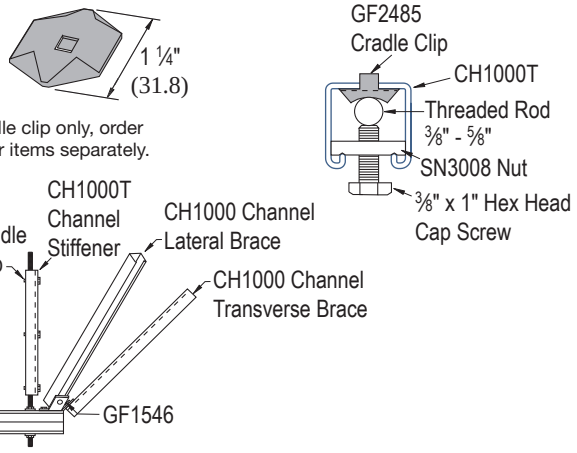






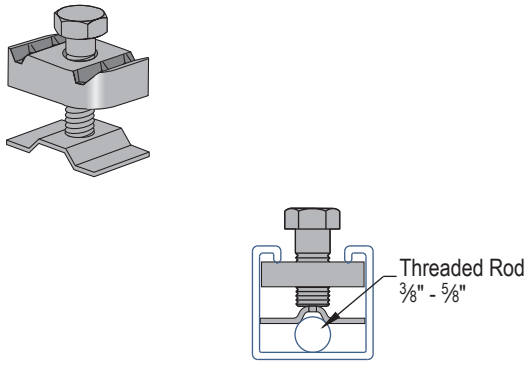
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

GF2485 – CRADLE CLIP



Material & Finish: EG — Wt/100 pcs: 3 Lbs

GF3500 – SEISMIC ROD STIFFENER



Material & Finish: EG, SS — Wt/100 pcs: 16 Lbs

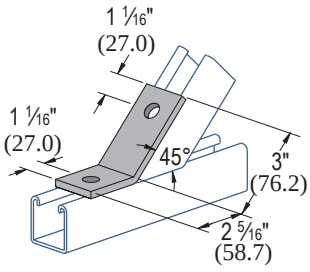
Notes:

1. Minimum Tensile Stress is 50,000 psi (345MPa)
2. Working Stress is 10,700 psi (73.9 MPa) – Same as for Tension
3. Compression Will Only Occur During a Seismic Event
4. Compression Requires the Use of Rod Stiffeners
5. KL/r = 200 When Rod Stress is at 35%

Refer to a seismic bracing systems catalog for more information.

Rod Size In *(mm)*	Root Area In2 *(mm2)*	Radius of Gyration In *(mm)*	Design Load Lbs *(kN)*	Rod Stiffener Clip Spacing (L)			
				Rod Stress @100% 10,700 PSI In *(mm)*	Rod Stress @75% 8,025 PSI In *(mm)*	Rod Stress @50% 5,350 PSI In *(mm)*	Rod Stress @35% 3,745 PSI In *(mm)*
⅜	0.068	0.074	730	9	11	13	15
9.5	*49.5*	*1.99*	*3.25*	*228.6*	*279.4*	*330.2*	*381.0*
½	0.126	0.100	1,350	12	14	17	21
12.7	*72.4*	*2.40*	*6.01*	*304.8*	*355.6*	*431.8*	*533.4*
⅝	0.202	0.127	2,160	15	18	22	26
15.9	*138.3*	*3.32*	*9.61*	*381.0*	*457.2*	*558.8*	*660.4*

SRK-1810 – SWAY BRACE KIT



Max. Safe Working Load (5:1 Safety Factor)
200 lbs (0.89 kN)



- 4 pcs: 1/8" - 10' cable with 45° degree 3/8" Eyelet
- 4 pcs: Gripple HangFast No. 3 Hangers
- 4 pcs: GF1546 EG
- 1 pc: Release Key
- 1 pc: Installation Instructions

GRIPPLE SEISMIC KITS



Range of Sizes



Understanding Gripple Seismic Codes

Cable Length
10', 15', or 20' ft.

Cable Size
GS10 = 5/64"
GS12 = 1/8"
GS19 = 3/16"

End Fitting
E = 45· Eyelet
S = Standard Bracket

GS12-10E4-S4

End Fitting Size
4 = 3/8"
5 = 1/2"
6 = 5/8"
8 = 3/4"

Style of Loose Brackets
S = Standard Bracket
R = Retrofit Bracket

Loose Bracket Size
4 = 3/8"
5 = 1/2"
6 = 5/8"
8 = 3/4"

Gripple Seismic Kit Size - LRFD *	Length	Seismic Bracket	Rod/Structural Attachment Size	Product Code
GS10 350 Lbs (1.57 kN)	10 Ft.	Standard	3/8	GS10-10E4-S4
			1/2	GS10-10S5-S5
		Retrofit	3/8	GS10-10E4-R4
			1/2	GS10-10S5-R5
	15 Ft.	Standard	3/8	GS10-15E4-S4
			1/2	GS10-15S5-S5
		Retrofit	3/8	GS10-15E4-R4
			1/2	GS10-15S5-R5
	20 Ft.	Standard	3/8	GS10-20E4-S4
			1/2	GS10-20S5-S5
		Retrofit	3/8	GS10-20E4-R4
			1/2	GS10-20S5-R5
GS12 1,050 Lbs (4.67 kN)	10 Ft.	Standard	3/8	GS15-10E4-S4
			1/2	GS15-10S5-S5
		Retrofit	3/8	GS15-10E4-R4
			1/2	GS15-10S5-R5
	15 Ft.	Standard	3/8	GS15-15E4-S4
			1/2	GS15-15S5-S5
		Retrofit	3/8	GS15-15E4-R4
			1/2	GS15-15S5-R5
	20 Ft.	Standard	3/8	GS15-20E4-S4
			1/2	GS15-20S5-S5
		Retrofit	3/8	GS15-20E4-R4
			1/2	GS15-20S5-R5
GS19 2,100 Lbs (9.34 kN)	10 Ft.	Standard	3/8	GS19-10S4-S4
			1/2	GS19-10S5-S5
			5/8	GS19-10S6-S6
			3/4	GS19-10S8-S8
		Retrofit	3/8	GS19-10S4-R4
			1/2	GS19-10S5-R5
			5/8	GS19-10S6-R6
			3/4	GS19-10S8-R8
	15 Ft.	Standard	3/8	GS19-15S4-S4
			1/2	GS19-15S5-S5
			5/8	GS19-15S6-S6
			3/4	GS19-15S8-S8
		Retrofit	3/8	GS19-15S4-R4
			1/2	GS19-15S5-R5
			5/8	GS19-15S6-R6
			3/4	GS19-15S8-R8
	20 Ft.	Standard	3/8	GS19-20S4-S4
			1/2	GS19-20S5-S5
			5/8	GS19-20S6-S6
			3/4	GS19-20S8-S8
		Retrofit	3/8	GS19-20S4-R4
			1/2	GS19-20S5-R5
			5/8	GS19-20S6-R6
			3/4	GS19-20S8-R8

*(LRFD) Load and Resistance Factor Design

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

CHOOSE YOUR PRODUCT



Express No. 1
XP1



Express No. 2
XP2



Standard Hanger No. 3
HF3



Standard Hanger No. 4
HF4



Standard Hanger No. 5
HF5



Stainless Steel Hangers No. 2
HF2



Stainless Steel Hangers No. 3
HF3



UniGrip
UG2
UG3



UniGrip Central Exit *
UG2-FN
UG3-FN
UG4-FN



UniGrip Y-Fit
UG2-Y
UG3-Y



UniGrip Phenolic Adapter
UG2-PA



UniGrip Central Exit Cable Basket Adapter
UG2-CBA



UniGrip Side Exit *
UG2-3/8SE-FN
UG3-3/8SE-FN



UniGrip Hook
UG2-HK



UniGrip QT
UG2-QT
UG3-QT



UniGrip Calibra
UG2-CAL

* Replace the FN code with CN for Channel Nut.

CHOOSE YOUR END FIXING



Loop
LG



Stud
S*G



Toggle
TG



Hook
HG



Mini Hook
MHG



Eyelet
EYQG



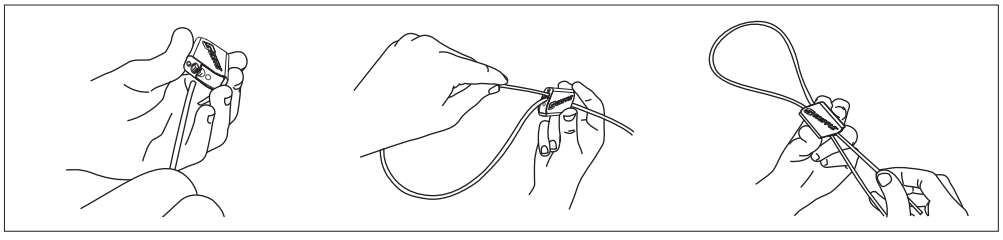
45° Eyelet
EY45*G



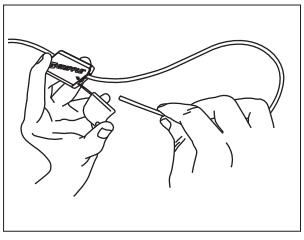
90° Eyelet
EY90*G

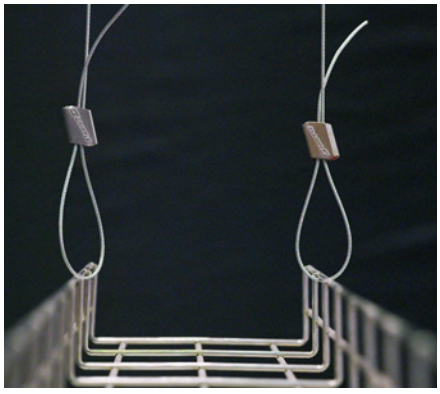
INSTALLATION STEPS

Installation Steps



Release









SRC 1/8" – SEISMIC CABLE



500' Rolls
Breaking Strength - minimum 2000 lbs.

SRC 1/16" – SEISMIC CABLE



1000' Rolls
Breaking Strength - minimum 480 lbs.

SRT 1/8" – SEISMIC RESTRAINT THIMBLE



SRU 1/8" – SEISMIC RESTRAINT U-BOLT



SRS 1/8" – SEISMIC RESTRAINT SLEEVE



* to be used with size appropriate crimping tools

SRS 1/16" - SEISMIC RESTRAINT SLEEVE



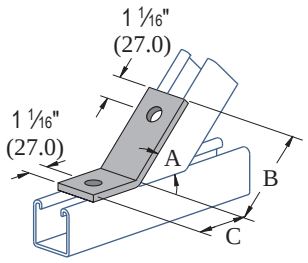
* to be used with size appropriate crimping tools

www.ubsindustries.com
info@ubsindustries.com

(t) 604.540.4440

1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

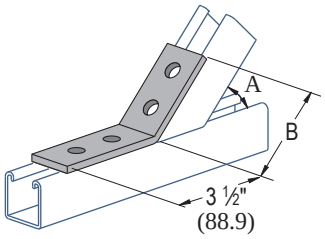
GF1546 – ANGLE FITTING



Part No.	"A" Degree *(rad)*	"B" In *(mm)*	"C" In *(mm)*
GF1546	45° *0.79*	3 *76.2*	2 5/16 *58.7*

Material & Finish: EG, HG, SS — Wt/100 pcs: 58 Lbs

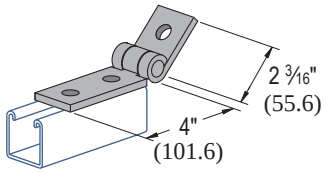
GF2263, GF2265, & GF2267 ANGLE FITTING



Part Number	"A" Degree *(rad)*	"B" In *(mm)*
GF2263	30° *0.52*	3 11/16 *93.7*
GF2265	45° *0.79*	3 11/16 *93.7*
GF2267	60° *1.05*	3 11/16 *93.7*

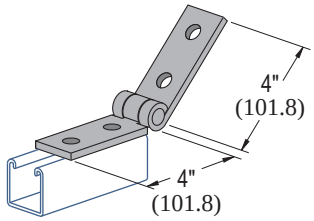
Material & Finish: EG, HG, SS — Wt/100 pcs: 78 Lbs

GF1354A – ADJ. HINGE CONNECTION



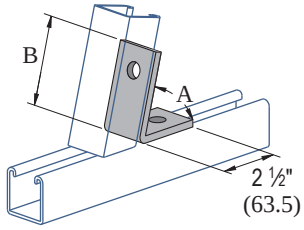
Material & Finish: EG — Wt/100 pcs: 89 Lbs

GF1354 – ADJ. HINGE CONNECTION



Material & Finish: EG — Wt/100 pcs: 109 Lbs

GF1186



Part Number	"A" Degree *(rad)*	"B" In *(mm)*
GF1186	45° *0.79*	3/8 *79.4*

* Other angles available

- Special order - Minimum quantity may apply

Material & Finish: EG — Wt/100 pcs: 58 Lbs

Standard Dimensions for 1 5/8" (41.3mm) width series channel fittings *(Unless Otherwise Shown on Drawing)*

Hole Diameter: 9/16" (14.3mm); Hole Spacing - From End: 13/16" (20.6mm); Hole Spacing - On Center: 1 7/8" (47.6mm); Width: 1 5/8"(41.3mm); Thickness: 1/4" (6.4mm)

ZRC GALVILITE® GALVANIZING REPAIR COMPOUND

APPLICATIONS:

- Repairing hot-dip galvanizing
- Field applied galvanizing
- Rust proofing welds
- Repairing inorganic zinc
- Regalvanizing of worn hot-dip
- Metal fabrication
- Construction
- Manufacturing/OEM
- Antenna Towers
- Petrochemical Plants
- Roads & Bridges
- Tanks
- Industrial Maintenance
- Water Treatment
- Marine & Offshore
- Cooling Towers
- Hundreds more!

ZRC's Galvilite provides all the corrosion protection you've come to expect from the world's most specified galvanizing repair compound—in a silvery finish that closely matches the color of galvanized metal.

- 95% zinc in the dry film using only Type III "ultra pure" ASTM-D-520 zinc (lead and cadmium free)
- Recognized under the Component Program of Underwriters Laboratories, Inc. as equivalent to hot dip galvanizing
- Meets and exceeds Fed. Spec. DOD-P-21035A (Galvanizing Repair Spec); MIL-P-26915A (USAF Zinc Dust Primer); ASTM Des. A-780 (Standard Practice for Repair of Damaged Hot-Dip Galvanized Coatings; SSPC-Paint 20 (Specification for Zinc-Rich Primer)
- Passes 3,000 hours salt spray testing without failure (ASTM Des. B117)
- Passes 9-year subtropical testing
- Low VOC approved in all 50 states
- ISO 9001 registration assures the highest quality consistently
- Apply by brush, roller or spray
- Available in clog-free aerosol form
- Single-component

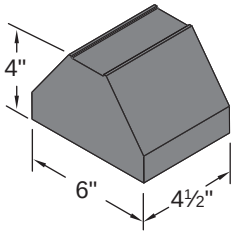


Packaging: Aerosol Can or Quart, Gallon, and 3.5 Gallon Pails

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

RTSM — MINI ROOFTOP SUPPORT





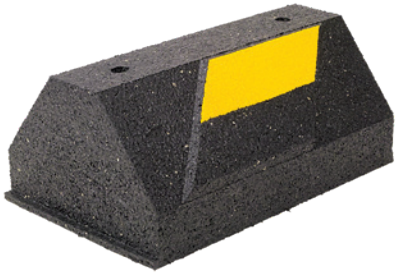
RTSM Series is made from 100% recycled rubber, the Mini-Port Support Series provides solid support and dampens vibration. It is perfect for conduit and small piping.

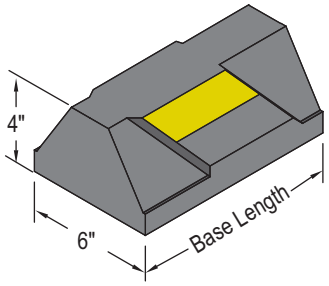
The RTSM Series is UV resistant and suitable for installation on most types of roofing material or other flat surfaces. Can be used as a curb (sleeper) replacement. Material effectively accepts screw fasteners for securing one (1) or two (2) hole straps (not included).

Specifications:
Rubber Support
Material - 100% Recycled Rubber, UV Resistant
Maximum Load - 300 lbs./ft.

Model No.	Height In *(mm)*	Width In *(mm)*	Base Length In *(mm)*	Wt/100 pcs Lbs
RTSM	4" *101mm*	6" *152mm*	4½" *113mm*	260

RTS — ROOFTOP SUPPORT





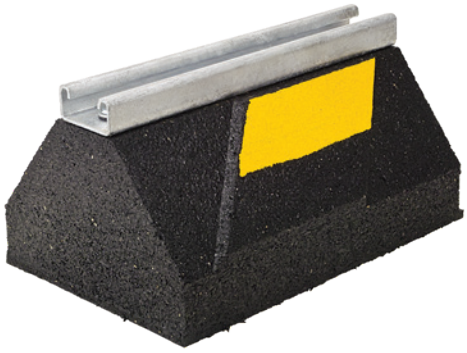
RTS Series channel support is designed for superior support of gas and refrigeration piping systems, cable tray, electrical conduit, multiple lines, HVAC equipment and many other applications.

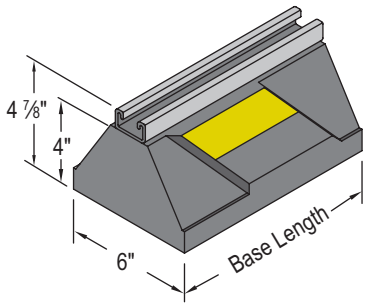
The RTS Series is UV resistant and suitable for installation on most types of roofing material or other flat surfaces. Can be used as a curb (sleeper) replacement. Material effectively accepts screw fasteners for securing one (1) or two (2) hole straps (not included).

Specifications:
Rubber Support
Material - 100% Recycled Rubber, UV Resistant
Maximum Load - 500 lbs./ft.

Model No.	Height In *(mm)*	Width In *(mm)*	Base Length In *(mm)*	Wt/100 pcs Lbs
RTS	4" *101mm*	6" *152mm*	9.6" *244mm*	456

RTS SERIES — ROOFTOP SUPPORT





RTS Series channel support is designed for superior support of gas and refrigeration piping systems, cable tray, electrical conduit, multiple lines, HVAC equipment and many other applications.

The RTS Series is UV resistant and suitable for installation on most types of roofing material or other flat surfaces.

Specifications:

Rubber Support with 13/16" Shallow Channel

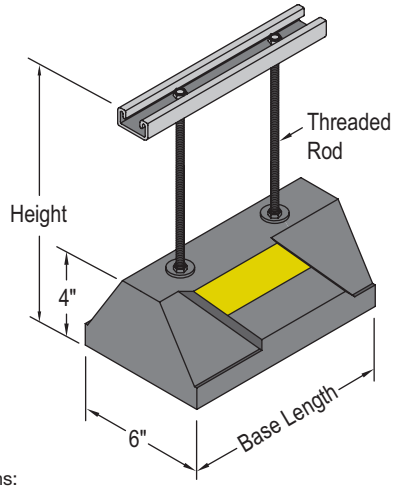
Material - 100% Recycled Rubber, UV Resistant

Maximum Load - 750 lbs./ft.

Model No.	Height In *(mm)*	Width In *(mm)*	Base Length In *(mm)*	Wt/100 pcs Lbs
RTS5	4⅞" *124mm*	6" *152mm*	5" *127mm*	332
RTS10	4⅞" *124mm*	6" *152mm*	9.6" *244mm*	530
RTS20	4⅞" *124mm*	6" *152mm*	19.2" *448mm*	1,123

RTS10-12 — ROOFTOP 12" EXTENDED SUPPORT W/10" STRUT





RTS–Extension Series channel support is designed for superior support of gas and refrigeration piping systems, cable tray, electrical conduit, multiple lines, HVAC equipment and many other applications.

The RTS–Extension Series is UV resistant and suitable for installation on most types of roofing material or other flat surfaces.

Specifications:

Rubber Support with Threaded Rod Risers & 13/16" Galvanized Shallow Channel

Material - 100% recycled rubber, UV resistant

Maximum Load - 150 lbs./ft.

Model No.	Height In *(mm)*	Width In *(mm)*	Base Length In *(mm)*	Wt/100 pcs Lbs
RTS10-12	12" *305mm*	6" *152mm*	9.6" *244mm*	650

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

ERECTASTEP – MODULAR PLATFORMS AND STAIRS



Modular Platform and Stairs: Saves Time, Eliminates Costly Engineering and Fabrication

- Bolts Together, No Fabrication Required
- Manufactured With Robotic Technology
- Unlimited, Expandable Configurations
- Re-Purpose With Ease
- Pre-Engineered Components
- Cost Less Than Custom Fabrication



Unlimited Configurations:

- Crossovers
- Work Platforms
- "L" Shaped Crossovers
- Elevated Platforms
- Small Platforms
- Multi-Directional Crossover
- Maintenance Access Platforms
- Ladder Configurations
- Rolling Dolly Configurations
- Long Catwalk Platforms
- Berm Crossovers
- Rooftop Access
- Pipe Crossovers
- Re-Purpose Components As Plant Grows
- Pump Station Access
- Safely Spans 9'
- Cantilever Rolling Platforms
- Access To Top Of Tank Trucks
- Self-Leveling Stair & Work Platforms
- Adjustable Height Stairs
- Mobile Work Platforms
- Flatbed Fall Protection
- Mobile Process Work Stand
- Fall Protection







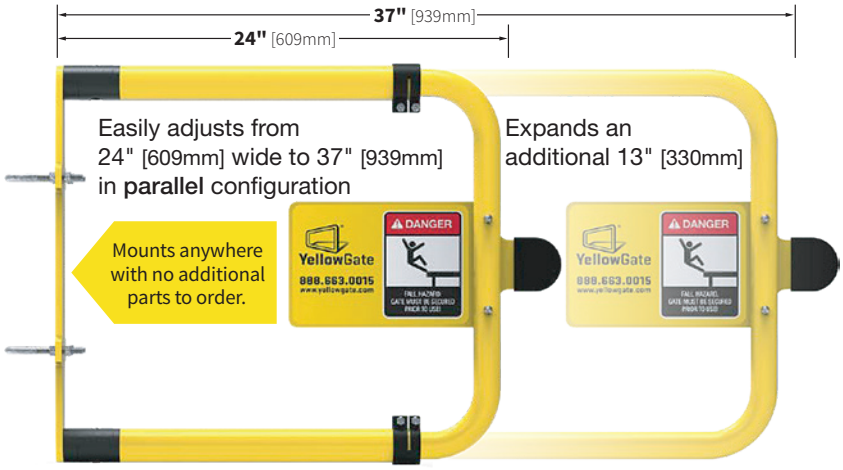
YELLOWGATE® FALL PROTECTION

YellowGate®

The Most Adjustable Swing Gate Available

- Universal mount for easy installation – no additional parts to order
- OSHA compliant
- Durable
  - built to last indoors and out

OSHA COMPLIANT · MADE IN · IN STOCK



21" [533mm] wide to 34" [863mm] in **perpendicular** configuration

NO MEASURING REQUIRED
One SKU fits all openings

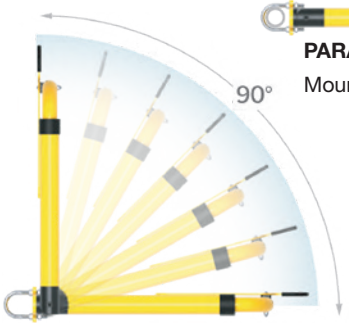








UNIVERSAL MOUNT





PARALLEL
Mounting Option



PERPENDICULAR
Mounting Option

YellowGate® can swing either in or out, with a simple in the field adjustment, for maintenance free closure, every time. Pre-Assembled & Ready to Install - straight from the box. No field cutting, drilling, or special tools required.



FORK TRUCK AND DOCK GATES



YellowGate XL

Adjustable from 6' [1828mm] to 12' [3657mm] and 42" [1066mm] in height



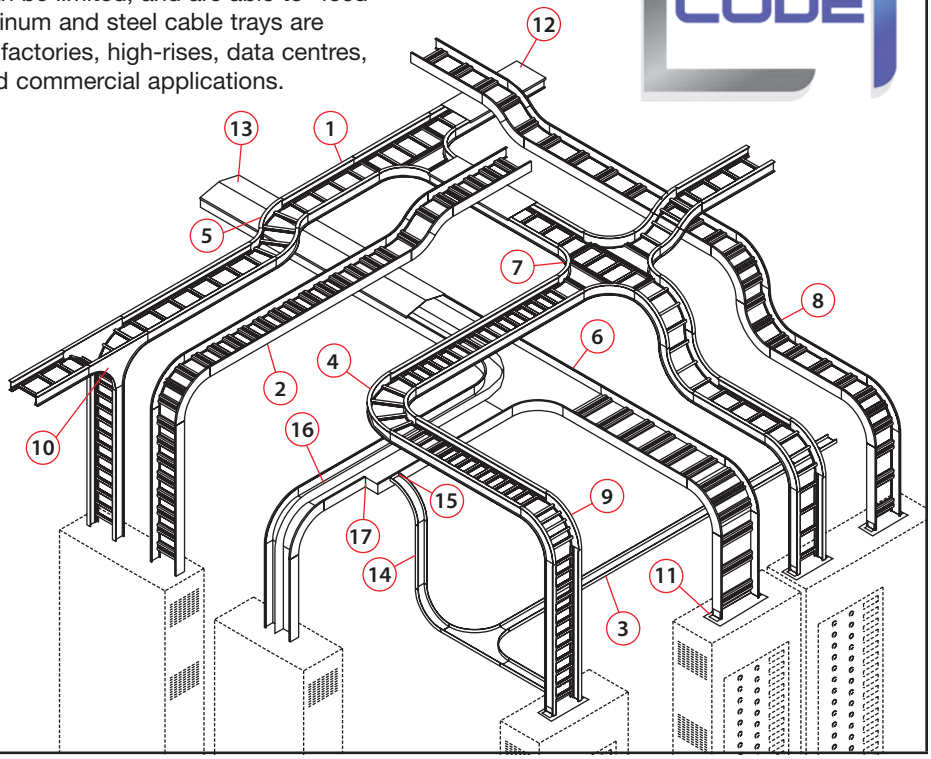
www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

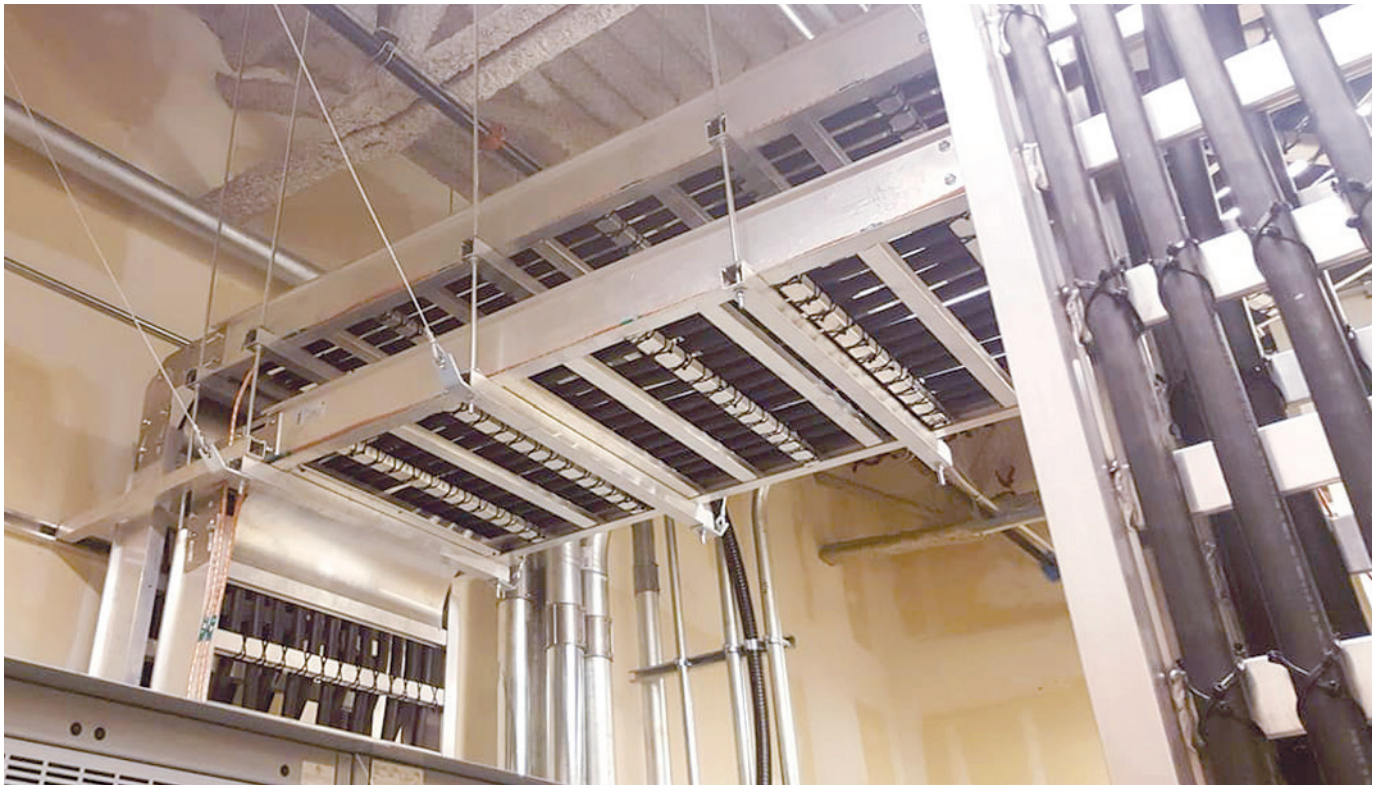
CODE CABLE TRAY SYSTEMS

Code aluminum and steel ladder trays can be delivered to your job site in days, while wire mesh/basket trays and instrumentation channels are stocked at the plant in Port Coquitlam, BC.

We know storage space on job sites can be limited, and are able to “feed the job” as needed. Code Electric aluminum and steel cable trays are widely found in mills, marine terminals, factories, high-rises, data centres, office buildings, and other industrial and commercial applications.

1 - Ladder Tray
2 - Ventilated Tray
3 - Solid Tray
4 - 90° Horizontal Bend
5 - 45° Horizontal Bend
6 - Horizontal Tee
7 - Horizontal Cross
8 - 90° Vertical Inside Bend
9 - 90° Vertical Outside Bend
10 - Vertical Tee Down
11 - Frame Box Connector
12 - Flat Cover
13 - Peaked Cover
14 - Instrumentation Channel
15 - Instrumentation Channel Fitting
16 - Barrier Strip
17 - Right Reducer





CODE ELECTRICAL ENCLOSURES

Code Electric Products is Western Canada's premier manufacturer of industrial and commercial electrical enclosures. Below is our catalogue of all stocked and standard enclosures, all found at our plant in Port Coquitlam, BC, as well as at our electrical wholesale partners throughout Western Canada. If you need a variation on the size or design of one of our enclosures, or a completely custom option, please call our office or request a quote online.



Key Elements

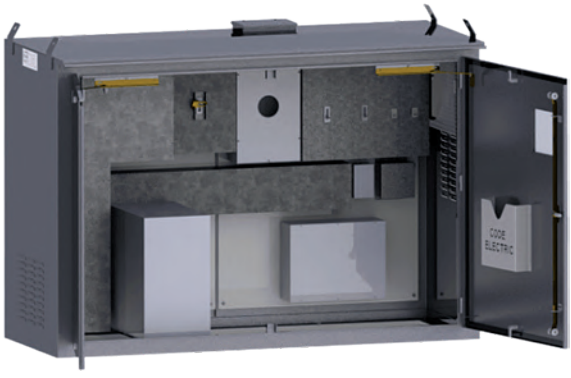
- BC Hydro, Fortis & Utility
- Pull Boxes
- Splitters Bus Gutters Lugs
- Specialty Enclosures
- Gang Boxes Covers
- Telephone Cable Vision
- Accessories – Enclosures

CODE KIOSKS & MOTI

Code supplies a wide range of CSA-approved kiosk and shelter-type enclosures in 3, 3R, 4, and 4X ratings. Standard and custom variations can be discussed with our sales team. Available materials include Powder-coated steel, Aluminum, Marine-grade aluminum, Stainless steel, Powder-coated stainless steel. We have also released a standard lineup of Pad mount and Wall mount kiosks. These are available with quicker lead times and at lower costs. In-house CSA ratings are available and are dependent on your specific designs. Lastly, Code now offers a full range of Built-Up Power Distribution Enclosures. Our offering includes populated power pedestals to full control kiosks, with a range of distribution lines available.

Key Elements

- BC Hydro Distribution & Metering
- Freestanding Kiosks
- Pedestals



Key Features

- CSA-approved kiosk and shelter-type enclosures in 3, 3R, 4, and 4X ratings. Standard and custom variations can be discussed
- Available materials include Powder-coated steel, Aluminum, Marine-grade aluminum, Stainless steel, Powder-coated stainless steel.

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

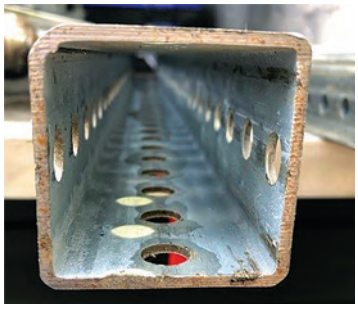
Why Telespar®?

Atkore's Telespar Perforated Signpost is an industry standard that has been in use by state and local DOTs for more than 50 years. Telespar is produced through a unique manufacturing process that permits tubular sections of different sizes to telescope together. It is complemented by a variety of compatible fittings, accessories, and hardware to allow for a simple installation.

While there are other Perforated Square signposts, there is no equivalent to Telespar!



Telespar®



Other Square Signpost

Manufacturing Process	Manufacturing Process
Telespar signposts are manufactured with tight corner radii, allowing for easy telescoping during installation	Competitor products can have more rounded corners, preventing easy telescoping
Telespar's corner weld is scarfed, ensuring easy telescoping	Competitor products corner weld is not always scarfed and could interfere with telescoping
Telespar holes are punched before the post is formed	Competitor products can have holes punched after the post is formed
Telespar has a chromate conversion coating and a clear organic polymer coating added during the post forming process, ensuring all surfaces are covered	Competitor products may have additional coatings added prior to holes being added to the post, meaning not all surfaces are covered
Material & Appearance	**Material & Appearance**
All Telespar O.D. & GA combinations are minimum Grade 50 steel, ensuring the ability to withstand environmental factors such as wind	Competitor product can have steel grade vary depending on O.D./GA.
All Telespar posts have Telespar stamped on the outside of the post every 18 inches, we stand behind our product by putting our name on the post	Competitor products do not have Telespar identification stamped on the outside of the post. These products may not meet the Telespar standard.



Atkore Quality Assurance

The most important aspect of our Quality Assurance program is to ensure you receive the very best components for your end products. We perform rigorous quality tests throughout the manufacturing process and check all dimensions to provide you the highest quality signpost on the market.

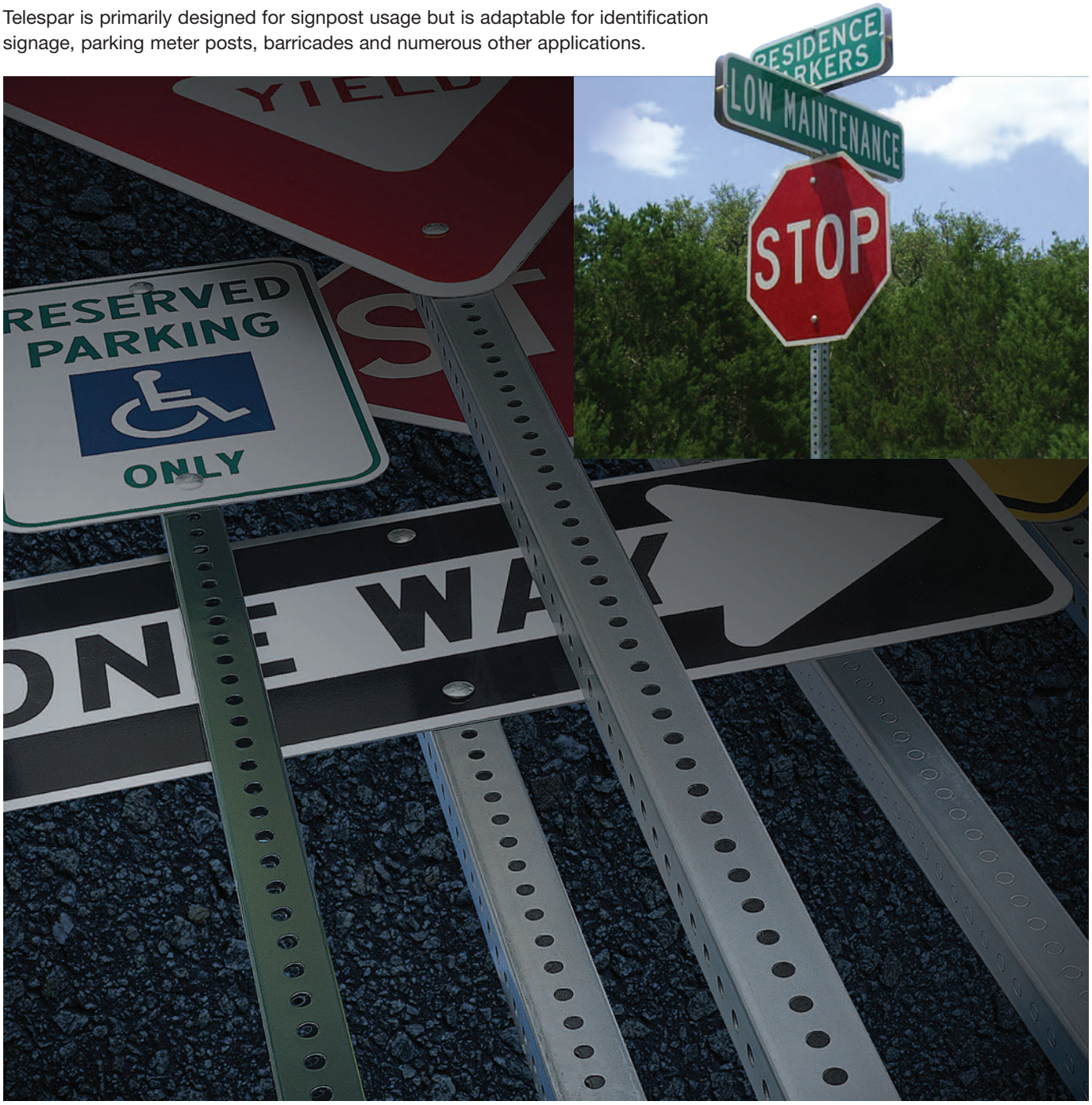
Our facility is ISO certified meeting the highest standards in the industry.

The Telespar System

The Telespar system is available with three types of posts: galvanized steel tubing with perforated holes on all four sides, Qwik-Punch® posts, which are made with 7/16" knockouts, 1' on the center on all four sides and the round sign system with socket and wedge. The tubing is produced through a unique manufacturing process that permits tubular sections of different sizes to telescope into the next larger size. It is complemented by a variety of compatible fittings accessories, nuts, bolts and simple installation tools.

The engineered system of integrated parts enables you to mount signs back-to-back and on adjacent sides. It is designed to make adjustment, reinforcement and splicing fast and easy. By utilizing a square tube, Telespar exhibits superior wind load capabilities and torsional stability.

Telespar is primarily designed for signpost usage but is adaptable for identification signage, parking meter posts, barricades and numerous other applications.



www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

The Telespar Advantage

Secure Signage

Using Allied's recommended installation method, street signs are securely fastened to posts with rivets providing greater torsional and windload stability. Signs mounted via this method are more securely fastened and cannot easily be removed or loosened from their posts due to severe weather conditions. This differs from the bracket system commonly used with U-channel and standard post systems. These systems utilize small set screws that can be damaged or vandalized easily making replacement necessary.

Easy Installation, Rapid Replacement

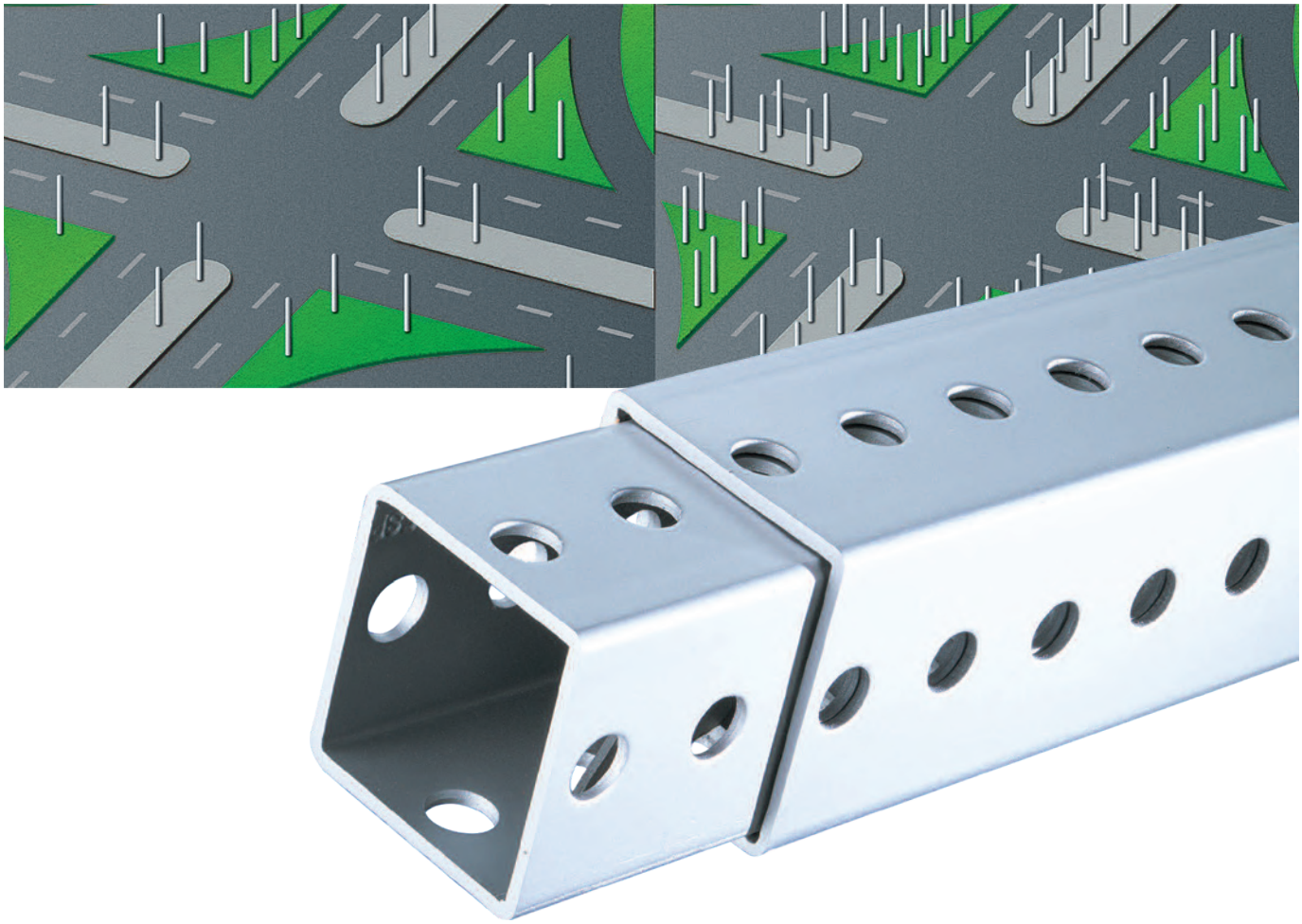
Telespar signposts are installed easily by using either a direct embedded method or breakaway anchor system. Installation can be performed by one-man at ground level eliminating the need for bucket trucks and similar heavy equipment. Replacement is just as easy, having minimal tool requirements.

Safety

The Telespar System was the first to be used effectively in a yielding breakaway concept for small sign-support systems. They are FHWA approved and in compliance with AASHTO specifications.

Reduced materials needed per installation

Using Telespar drastically cuts your material costs. Its greater strength and superior stability allows you to use single post installations, instead of U-Channel's double post, cutting your material needs in half!



Two Types of Posts to Meet Your Needs

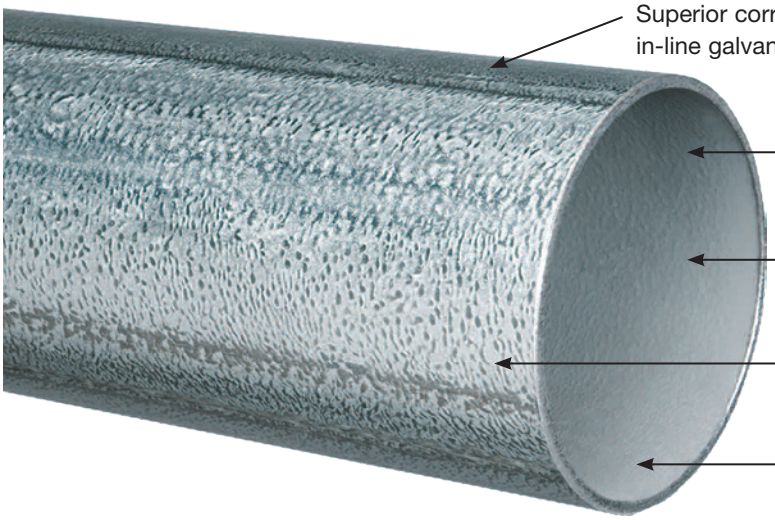
One of the keys to the Telespar signpost system's versatility and ease of installation is its three convenient methods for mounting signage.

Round Sign System

The Telespar round sign system with socket and wedge provides superior corrosion resistance and strength benefits, demonstrating 50ksi yield strength resulting from Allied's signature inline galvanizing process. This highly durable product enables you to reduce replacement and repair costs caused by standard wear and tear.

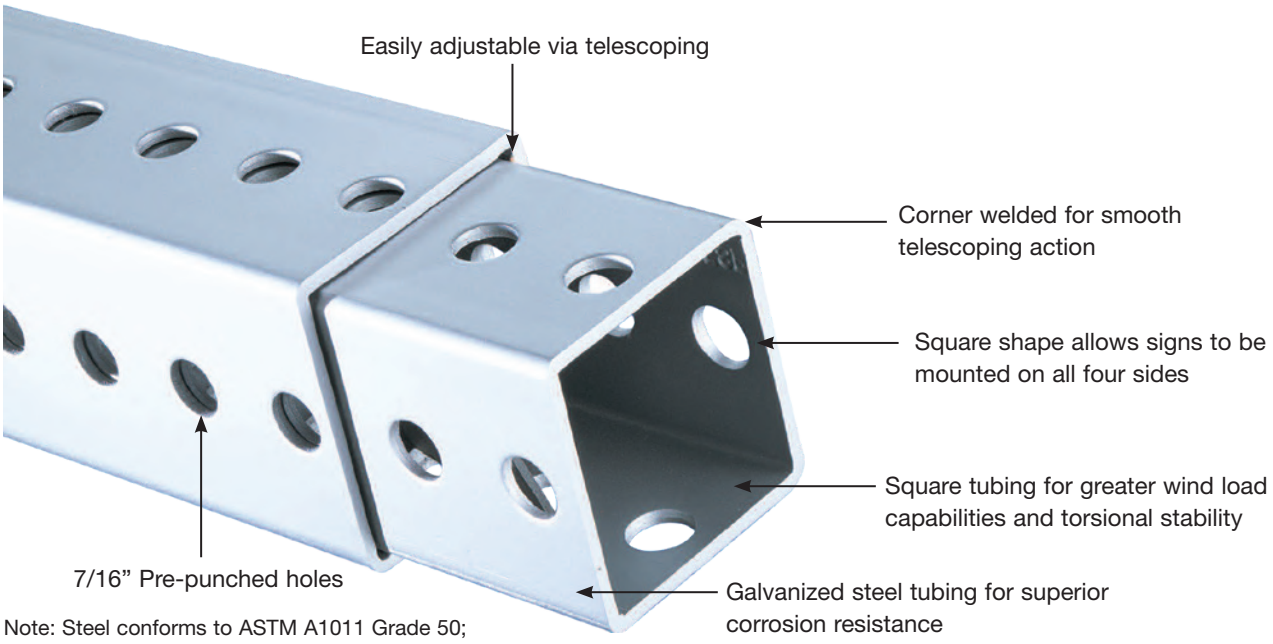
Round Sign System Specification

O.D. Gauge	Wall Thickness In *(mm)*	Weight Lbs / Foot
2.375" x 12	0.109" *2.8mm*	2.6404
2.375" x 13	0.095" *2.4mm*	2.3155
2.375" x 14	0.083" *2.1mm*	2.0336



Posts with Pre-Punched Holes

Telespar square posts with 7/16" prepunched holes on 1" centers are corner welded to allow smooth telescoping action.



Note: Steel conforms to ASTM A1011 Grade 50; Galvanizing meets ASTM A-653

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

Anchoring Options

Installation Guidelines

1. Drive a minimum 30" piece of 12 gauge Telespar (anchor) into the soil until only 1-2 inches are left exposed. For a 2-piece anchor, use an 18" piece of tubing for a sleeve, one size larger than the anchor. It is advisable to drive the anchor and sleeve together making sure the holes are aligned.

2. Attach the sign to the post at the desired height using drive rivets or bolts.

3. Insert the signpost, which is one size smaller than the anchor, approximately 6-8 inches into the anchor base.

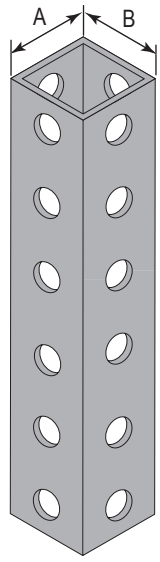
4. Bolt the signpost to the anchor assembly with a corner bolt.

5. When installing in concrete use a pneumatic hammer or concrete drill to break through the surface, the anchor assembly is driven to within 1" of the surface to allow attachment of the signpost. If flush installation is desired clearance should be recessed on two sides to clear the bolt for signpost connection.

6. To install in asphalt, drive the anchor assembly through the blacktop into the subsoil from ground level. Once the anchor is through the blacktop; use the same instructions as for soil installations

Anchor Type		Description	Unique Feature
PRIMARY			
Single Breakaway Anchor		Can be used by one man working at ground level using manual or power equipment	Minimum installation time
Two-Piece Breakaway Anchor		Can be created by adding an outer sleeve to the original anchor base This provides a double wall thickness to create break-away function.	Yielding breakaway system





Part Number	Gauge	"A" In. (mm)	"B" In. (mm)
14F12	12	1½" *38.1*	1½" *38.1*
16F12		1¾" *44.5*	1¾" *44.5*
20F12		2" *50.8*	2" *50.8*
22F12		2¼" *57.2*	2¼" *57.2*
24F12		2½" *63.5*	2½" *63.5*
16D12	14	1¾" *44.5*	1¾" *44.5*

Material & Finish: PG

Lengths: 10', 12', 20' & 24'

Fasteners

The Corner Bolt

Requiring only a single wrench, the corner bolt provides a tighter more stable installation by concentrating tension on only one corner of the tubing.



Drive Rivets

Drive rivets provide the convenience of a one-piece fastener with effective tamper-resistant design and fast installation requiring only a hammer.

Hex Nuts and Bolts

Standard hex nuts and bolts can also be used to connect components. A special jam nut is available to help form a permanent tamper resistant connection.

Lock Pins

The lock pin allows for quick temporary connection between telescoping tube sections. Simply align holes between sections, insert the lock pin and allow it to drop into a locking position.



Fittings

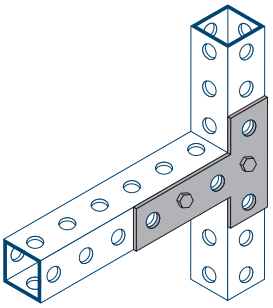
In addition to the above listed fasteners, the fittings in the chart below also can be used with the Telespar system.





www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

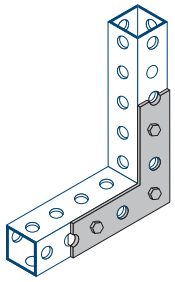
GF015



Square Tube Size In. (mm)	Cutting Dimensions * In. (mm)
1½" 38.1	1 3/16" 30.2
1¾" 44.5	1 1/16" 27.0
2" 50.8	15/16" 23.8
2¼" 57.2	13/16" 20.6
2½" 63.5	11/16" 17.5
Both tubes must be same size	

Material & Finish: EG — Wt/100 pcs: 50 Lbs

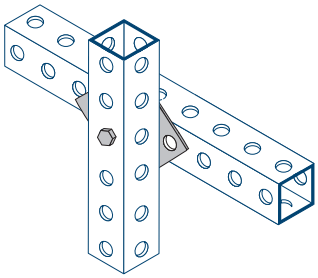
GF016



Square Tube Size In. (mm)	Cutting Dimensions * In. (mm)
1½" 38.1	1 3/16" 30.2
1¾" 44.5	1 1/16" 27.0
2" 50.8	15/16" 23.8
2¼" 57.2	13/16" 20.6
2½" 63.5	11/16" 17.5
Both tubes must be same size	

Material & Finish: EG — Wt/100 pcs: 63 Lbs

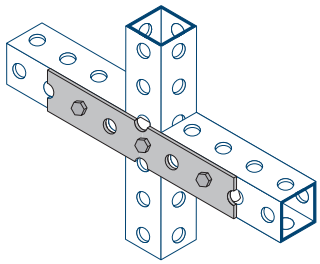
GF017



Square Tube Size In. (mm)
1½" 38.1
1¾" 44.5
2" 50.8
2¼" 57.2
2½" 63.5

Material & Finish: EG — Wt/100 pcs: 84 Lbs

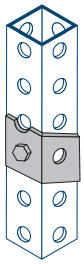
GF018



Square Tube Size In. (mm)	Cutting Dimensions * In. (mm)
1½" 38.1	1 3/16" 30.2
1¾" 44.5	1 1/16" 27.0
2" 50.8	15/16" 23.8
2¼" 57.2	13/16" 20.6
2½" 63.5	11/16" 17.5

Material & Finish: EG — Wt/100 pcs: 84 Lbs

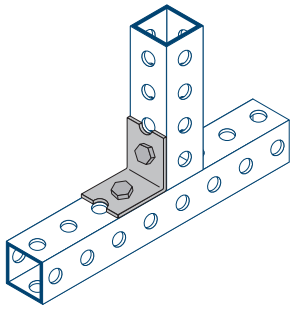
GF019



Square Tube Size In. (mm)
1½" 38.1
1¾" 44.5
2" 50.8
2¼" 57.2
2½" 63.5

Material & Finish: EG — Wt/100 pcs: 84 Lbs

GF020

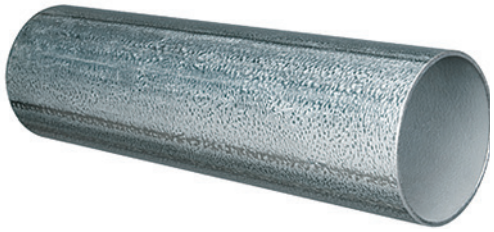


Square Tube Size In. (mm)	Cutting Dimensions * In. (mm)
1½" 38.1	1" 25.4
1¾" 44.5	1" 25.4
2" 50.8	1" 25.4
2¼" 57.2	1" 25.4
2½" 63.5	1" 25.4

Material & Finish: EG — Wt/100 pcs: 26 Lbs

Introduction
Channel
Concrete Inserts
General Fittings
Spring Nuts & Hardware
Clamps & Pipe Supports
Seismic
Galvanizing Compound
Rooftop Supports
Erectastep & YellowGate
Code Electric
Sign Posts
Mechanical Tube
Index

ROUND SIGN POSTS



Product:	2.375" Round Sign Posts
Finish:	GATORSHIELD - a highly durable in-line galvanized product with a triple layer of rust and corrosion resistant protection with an anticorrosive interior zinc coating
Sizes:	2.375" Round O.D. (Outside Diameter)
Gauges:	12, 13 and 14 gauge (Wall Thickness)

Material & Finish: Gatorshield — Lengths: 10', 10½' & 12'

U-CHANNEL SIGN POSTS



Product:	Our flanged U-Channel posts are manufactured from high quality, high tensile rail steel
Sizes:	1.12 Lbs. per Ft. 2.00 Lbs. per Ft.

Material & Finish: HG — Lengths: 6', 7', 8', 10' & 12'

SIGN BRACKET AND HARDWARE



FIBERGLASS MARKER POSTS

Our Fiberglass Reinforced Polymers (FRP) signposts are manufactured by industry leaders. Our FRP signposts come in flat and round and are designed to recover after vehicle impact and are resistant to heat, cold and sunlight. Smooth surface on FRP sign posts makes them ideal for custom decals. Please contact your UBS representative to source the right post for your job.

Product Applications Include:

- Buried Utility
- Highway Delineators
- Trail Markers
- Pipeline Markers
- Telecommunications
- Transportation
- Medical

Fiberglass Utility Marker



Round Marker Posts



Fiberglass Test Stations



www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

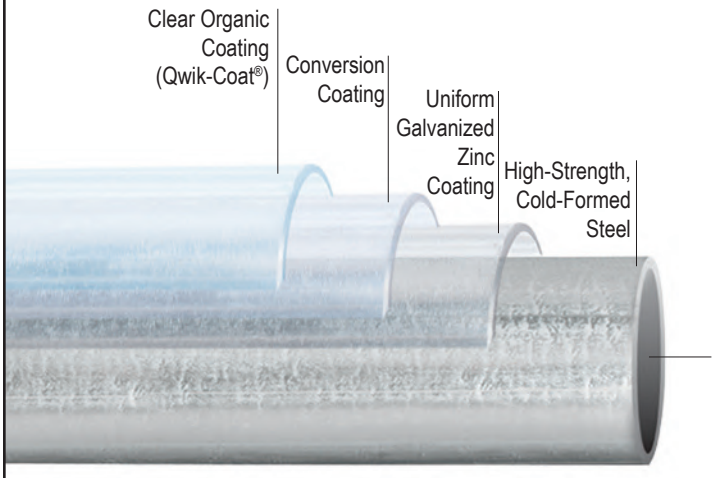
Flo-Coat® Galvanized Steel Tubing

- The ORIGINAL in-line galvanized tube
- High Strength
- Triple Coat Protection
- Fabrication Friendly
- Ideal for paint or powder coat



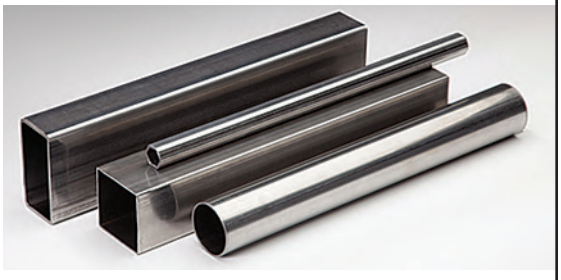
Gatorshield® Galvanized Steel Tubing

- High Strength
- Advanced Corrosion Protection
- Double Zinc levels
- Fabrication Friendly
- Ideal for highly corrosive outdoor conditions



The preferred choice for OEM applications, our tubing has literally been designed to meet customer needs. We offer the most complete range of standard sizes available and are ready to work with you to develop custom applications. We can create tubing solutions that offer better coatings, decreased weight, longer-term corrosion resistance on interiors, and various tube strength options.

We can provide you with the CUSTOMIZED tubing you require. Whether you need your tubing CUT to length, PUNCHED, or SWEDGED, we have the ability to deliver you a customized product.







Mechanical Tube Specifications

ROUND (in inches) Nominal decimal for ordering gauge																
Outside Diameter	Equiv. Sizes (in)	22	20	19	18	17	16	15	14	13	12	11	10	9	8	7
		0.028	0.035	0.042	0.049	0.058	0.065	0.072	0.083	0.095	0.109	0.120	0.134	0.148	0.165	0.180
0.500		0.1413	0.1740	0.2056	0.2362	0.2740	0.3023									
0.625		0.1787	0.2207	0.2618	0.3017	0.3516	0.3891									
0.706	½ EMT	0.2029	0.2511	0.2981	0.3441	0.4018	0.4454									
0.750		0.2161	0.2675	0.3179	0.3672	0.4291	0.4760	0.5218								
0.815	½ IMC	0.2356	0.2918	0.3471	0.4012	0.4694	0.5211	0.5719	0.6495							
0.870		0.2520	0.3124	0.3718	0.4300	0.5035	0.5594	0.6142								
0.875		0.2535	0.3143	0.3740	0.4327	0.5066	0.5628	0.6181								
0.922	¾ EMT	0.2676	0.3319	0.3951	0.4573	0.5357	0.5955	0.6542	0.7444							
0.980		0.2850	0.3535	0.4211	0.4877	0.5717	0.6358	0.6989	0.7959							
0.995		0.2894	0.3592	0.4279	0.4955	0.5810	0.6462	0.7104	0.8092							
1.000		0.2909	0.3611	0.4301	0.4981	0.5841	0.6497	0.7143	0.8136							
1.029		0.2996	0.3719	0.4431	0.5133	0.6020	0.6698	0.7366	0.8394							
1.125		0.3284	0.4078	0.4862	0.5636	0.6616	0.7365	0.8105	0.9245							
1.163	1 EMT		0.4220	0.5033	0.5835	0.6851	0.7629	0.8397	0.9583							
1.187				0.5141	0.5961	0.7000	0.7796									
1.250			0.4546	0.5424	0.6291	0.7391	0.8234	0.9067	1.0354	1.1730	1.3295	1.4496	1.5986			
1.290	1 IMC			0.5603	0.6500	0.7639	0.8512	0.9375	1.0709	1.2136	1.3761	1.5009	1.6559			
1.315	1 NPS		0.4789	0.5716	0.6631	0.7794	0.8686	0.9567	1.0931	1.2390	1.4052	1.5329	1.6917			
1.375			0.5014	0.5985	0.6946	0.8166	0.9103	1.0029	1.1464							
1.500			0.5481	0.6546	0.7600	0.8941	0.9971	1.0991	1.2573	1.4268	1.6208	1.7703	1.9567			
1.510	1¼ EMT		0.5519	0.6591	0.7653	0.9003	1.0041	1.1068	1.2661	1.4370	1.6325	1.7831	1.9711			
1.625					0.8255	0.9716	1.0840	1.1953	1.3682	1.5538	1.7665	1.9306	2.1358			
1.638	1¼ IMC			0.7166	0.8323	0.9796	1.0930	1.2053	1.3797	1.5670	1.7816	1.9473	2.1544			
1.660	1¼ NPS	0.4885	0.6080	0.7264	0.8439	0.9933	1.1083	1.2223	1.3992	1.5893	1.8072	1.9755	2.1859			
1.690							1.1291	1.2453	1.4258	1.6198	1.8422	2.0140	2.2289			
1.740	1½ EMT		0.6379	0.7624	0.8858	1.0429	1.1639	1.2838	1.4702							
1.750			0.6417	0.7669	0.8910	1.0491	1.1708	1.2915	1.4791							
1.764			0.6469	0.7731	0.8983	1.0578	1.1806	1.3023	1.4915							
1.875				0.8230	0.9565	1.1266	1.2577	1.3877	1.5900							
1.883	1½ IMC			0.8266	0.9607	1.1315	1.2632	1.3939	1.5971	1.8158	2.0671	2.2616	2.5054			
1.900	1½ NPS		0.6978	0.8342	0.9696	1.1421	1.2750	1.4070	1.6122	1.8331	2.0869	2.2834	2.5297	2.7719		
1.948			0.7157	0.8558	0.9947	1.1718	1.3084	1.4439	1.6548							
1.968	50 MM		0.7232	0.8647	1.0052	1.1842	1.3223	1.4593	1.6725							
2.000			0.7352	0.8791	1.0220	1.2041	1.3445	1.4839	1.7009	1.9346	2.2034	2.4117	2.6730	2.9301		
2.197	2 EMT						1.4814	1.6356	1.8757	2.1347	2.4330	2.6644	2.9552	3.2418		
2.360	2 IMC				1.2105	1.4273	1.5947	1.7610	2.0203	2.3002	2.6229	2.8735	3.1887	3.4996		
2.375	2 NPS			1.0475	1.2184	1.4366	1.6051	1.7726	2.0336	2.3155	2.6404	2.8927	3.2101	3.5234	3.8981	4.2236
2.500							1.6920	1.8688	2.1445	2.4424	2.7860	3.0531	3.3892	3.7211	4.1186	4.4610
2.857	2½ IMC							2.1436	2.4613	2.8049	3.2020	3.5110	3.9006	4.2860	4.7483	5.1511
2.875	2½ NPS							2.1574	2.4773	2.8232	3.2230	3.5341	3.9264	4.3144	4.7800	5.1857
3.000								2.2536	2.5882	2.9502	3.3686	3.6945	4.1054	4.5122	5.0005	5.4262
3.476	3 IMC							2.6200	3.0105	3.4336	3.9233	4.3051	4.7873	5.2653	5.8401	6.3422
3.500	3 NPS							2.6385	3.0318	3.4579	3.9512	4.3359	4.8217	5.3033	5.8824	6.3883
3.971	3½ IMC								3.4497	3.9363	4.5000	4.9401	5.4963	6.0484	6.7132	7.2946
4.000	3½ NPS								3.4754	3.9657	4.5338	4.9773	5.5379	6.0943	6.7644	7.3504
4.466	4 IMC							3.3820	3.8889	4.4390	5.0768	5.5750	6.2054	6.8316	7.5863	8.2471
4.500	4 NPS							3.4081	3.9191	4.4735	5.1164	5.6187	6.2541	6.8854	7.6463	8.3125
5.000	4½ NPS									4.9813	5.6990	6.2601	6.9704	7.6764	8.5282	9.2746

Typical Mechanical Properties Achieved For Galvanized Tube Products:

= 40,000 psi yield/45,000 psi tensile

= 45,000 psi yield/48,000 psi tensile

= 50,000 psi yield/55,000 psi tensile

Higher mechanical properties available on request

www.ubsindustries.com
info@ubsindustries.com

(t) 604.540.4440

1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

Mechanical Tube Specifications (cont.)

SHAPES - Square tubing is available as round-to-square (RTS), weld-in-corner (WIC) or both. Please inquire for details.

	Size	RTS	WIC	20	19	18	17	16	15	14	13	12	11	10	9	8	7
				0.035	0.042	0.049	0.058	0.065	0.072	0.083	0.095	0.109	0.120	0.134	0.148	0.165	0.180
Square	0.625	X		0.2810	0.3333	0.3841	0.4476	0.4954									
	0.709	X		0.3211	0.3813	0.4401											
	0.750	X		0.3406	0.4047	0.4675	0.5463	0.6060	0.6644	0.7535							
	0.813	X		0.3706	0.4407	0.5095	0.5960	0.6617	0.7261	0.8246							
	0.875	X		0.4001	0.4762	0.5509	0.6449	0.7166	0.7869	0.8947							
	0.975	X				0.6175	0.7239	0.8050	0.8849	1.0076							
	1.000	X		0.4597	0.5476	0.6342	0.7436	0.8271	0.9094	1.0359	1.1701	1.3218					
	1.250*	X	X	0.5788	0.6905	0.8009	0.9409	1.0483	1.1543	1.3183	1.4934	1.6927	1.8455				
	1.500*	X	X	0.6979	0.8334	0.9677	1.1383	1.2695	1.3993	1.6007	1.8166	2.0635	2.2538				
	1.625		X					1.3801	1.5218	1.7419	1.9782	2.2490	2.4580				
	1.750*		X					1.4906	1.6443	1.8831	2.1398	2.4344	2.6621				
	1.875		X									2.6198					
	2.000*	X	X					1.7118	1.8893	2.1655	2.4631	2.8053	3.0704	3.4031	3.7304	4.1208	4.4586
	2.188		X											3.7460			
	2.250*	X	X						2.1343	2.4479	2.7863	3.1762	3.4787	3.8590			
	2.500*	X	X						2.3792	2.7303	3.1095	3.5470	3.8870	4.3150	4.7376	5.2436	
	3.000	X						2.5964	2.8692	3.2951	3.7560	4.2888	4.7036	5.2268	5.7447	6.3664	6.9084
	4.000	X								4.4248	5.0490	5.7723	6.3368	7.0506	7.7590	8.6121	9.3582
Flat Sided Oval	0.750 x 1.000			0.3319	0.3951	0.4573	0.5357	0.5955									
	1.500 x 1.000			0.4789	0.5716	0.6631	0.7794	0.8686									
	1.750 x 1.125			0.5519	0.6591	0.7653	0.9003	1.0041	1.1068	1.2661							
	2.000 x 1.094			0.6080	0.7264	0.8439	0.9933	1.1083									
	2.250 x 1.313			0.6978	0.8342	0.9696	1.1421	1.2750									
	2.375 x 1.625					1.1251	1.3262	1.4814									
Rectangle	0.625 x 1.125			0.4001	0.4762	0.5509	0.6449	0.7166									
	0.750 x 1.500			0.5192	0.6191	0.7176	0.8423	0.9377	1.0319	1.1771							
	0.750 x 2.250			0.6979													
	0.875 x 1.917			0.6483	0.7740	0.8983	1.0562	1.1775									
	1.000 x 1.750			0.6383	0.7620	0.8843	1.0396	1.1589									
	1.000 x 2.000			0.6979	0.8334	0.9677	1.1383	1.2695	1.3993	1.6007							
	1.500 x 2.000			0.8169	0.9763	1.1344	1.3356	1.4906	1.6443	1.8831	2.1398	2.4344	2.6621				
	1.500 x 2.500				1.1192	1.3011	1.5330	1.7118	1.8893	2.1655	2.4631	2.8053	3.0704	3.4031			
	1.500 x 3.000										2.7863	3.1762	3.4787				
	1.500 x 3.500					1.6345	1.9277	2.1541	2.3792	2.7303	3.1095	3.5470	3.8870	4.3150			
	1.540 x 3.110											3.2874					
	1.625 x 3.000									2.5185	2.8671	3.2689	3.5808				
	2.000 x 3.000							2.1541	2.3792	2.7303	3.1095	3.5470	3.8870	4.3150	4.7376	5.2436	5.6835
	2.000 x 4.000									3.2951	3.7560	4.2888	4.7036	5.2268	5.7447	6.3664	
	2.000 x 5.000									3.8599	4.4025	5.0305	5.5202	6.1387	6.7519	7.4892	
	2.360 x 4.720										4.4542	5.0899	5.5855	6.2117	6.8324		
	3.000 x 4.000										4.4025	5.0305	5.5202	6.1387	6.7519	7.4892	8.1333
Octagon	4.783											5.7505	6.3159	7.0316	7.7429	8.6006	

* Also available as Square-Fit®

©2024 Atkore International, Inc. All rights reserved.

Mechanical Tube Specifications (cont.)

Tolerances:

Round	Tolerance	Length	Tolerance
0.500 thru 1.510	± 0.005	Under 5' *	± 1/16"
1.625 thru 2.000	± 0.010	5' - 15'	± 1/8"
2.197 thru 4.500	± 0.015	16' - 19'	± 1/4"
5.000	± 0.020	20' - 40' **	± 1/2"
Square & Rectangle	± 0.010	*Must be cut off-line.	
Except:		Closer length tolerances available upon request	
1x1 & Smaller	± 0.005	**sizes 2.875 – 5.000 can be run up to 40' long	
1.500 x 3.000	± 0.020		
2.000 x 3.000	± 0.015		
2.000 x 4.000	± 0.015		
2.000 x 5.000	± 0.030		
2.360 x 4.720	± 0.030		
3.000 x 3.000	± 0.015		
3.000 x 4.000	± 0.030		
4.000 x 4.000	± 0.020		
Oval Sizes	± 0.015		

All steel tube products...

are manufactured per ASTM-A500 dimensions. Inquire as to compliance to specific grades. Please inquire about our ability to meet ASTM-A513 and other tube specifications.

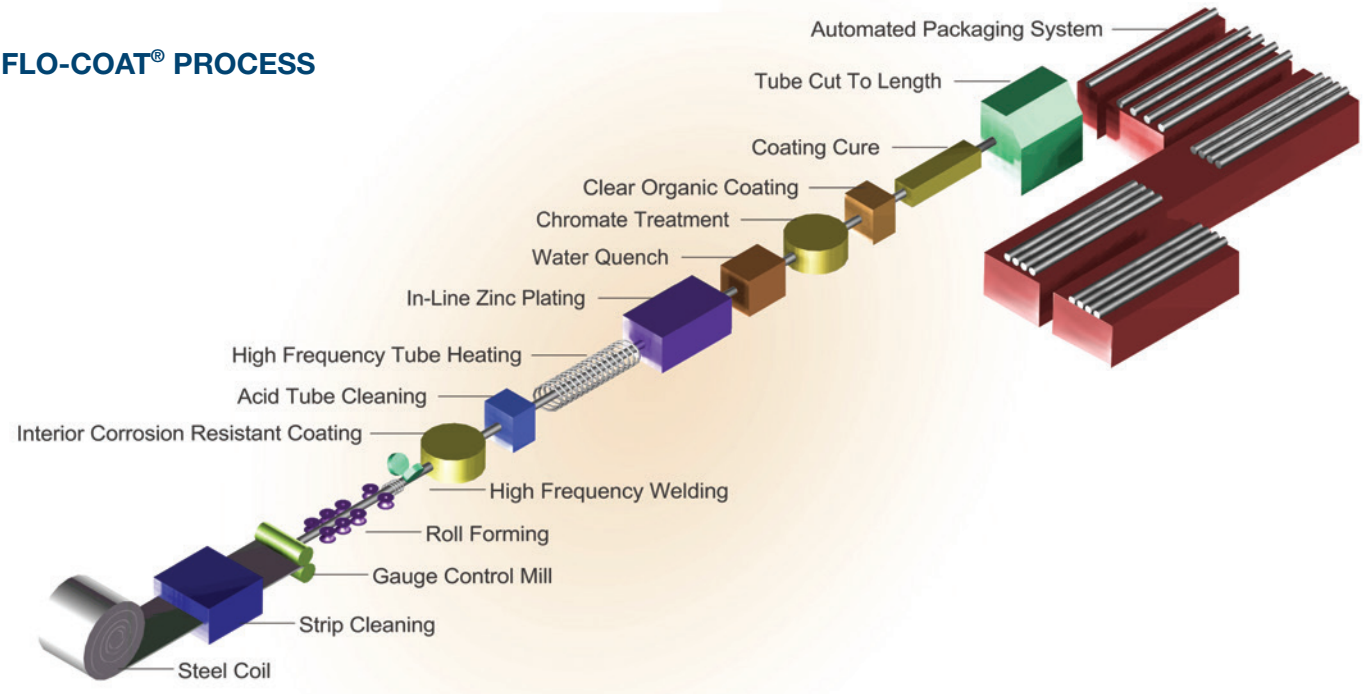
Carbon Steel Typical Chemistry:

	1008 Steel (16 gauge and lighter)	1010 Steel (15 gauge and heavier)	1015 Steel (15 gauge and heavier)	"1022 Steel (15 gauge and heavier)"
Carbon max. %	0.100	0.130	0.180	0.230
Manganese max. %	0.500	0.600	0.600	1.000
Phosphorus max. %	0.030	0.030	0.030	0.030
Sulphur max. %	0.035	0.035	0.035	0.035

PROCESS

With our in-line galvanizing process, we create robust tubular solutions that make your production process more fluid. Our emphasis is to bring increased value to your product that will command a premium in its respective marketplace.

FLO-COAT® PROCESS



www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

PART NUMBER INDEX

14F12 thru 24F12 105
16D12 105
AT-3G 71
CB1075 63
CB1593 63
CB1769 thru CB1775 63
CB1777 64
CB2542 thru CB2546 64
CB2547 thru CB2551 65
CB2920 thru CB2924 40
CB2929 40
CB2930 40
CB2944 thru CB2947 64
CCP025 thru CCP600 80
CCT025 thru CCT412 79
CF14 thru CF12 73
CH1000 ..... 19, 66
CH1000DS 21
CH1000T 19
CH1001 20
CH1001T 20
CH1100 ..... 23, 66
CH2000 66
CH3000 ..... 24, 66
CH3184 36
CH3300 ..... 25, 66
CH3300T 25
CH3301 26
CH3301T 26
CH3712P 36
CH4100 ..... 28, 66
CH4100T 28
CH5000 ..... 30, 66
CH5000T 30
CH5001 31
CH5001T 31
CH5500 ..... 33, 66
CH5500T 33
CH5501 34
CH5501T 34
CH9000 37
CH9200 37
CI3270 43
CI3370 43
CL050 thru CL1200 84
CSA158 41
CSM12 72
GF015 thru GF020 107
GF406 61
GF407 61
GF416-12 61
GF1026 48
GF1028 47
GF1031 47
GF1033 49
GF1036 47
GF1038 49
GF1043A 51
GF1044 51
GF1045 50
GF1046A 51
GF1047 51
GF1062 thru GF1067 46
GF1068 48
GF1186 ..... 50, 93
GF1271S 58
GF1272S 59
GF1280 36
GF1280W 36
GF1281 48
GF1283 48
GF1325 48
GF1326 48
GF1346 48
GF1354 ..... 55, 93
GF1354A 55, 93
GF1356 47
GF1357 49
GF1358 47
GF1359 49
GF1377 51
GF1379S 58
GF1380 47
GF1380A 47
GF1386 58
GF1458 48
GF1498 48
GF1499 48
GF1546 ..... 50, 93
GF1649AS 61
GF1650AS 61
GF1726 47
GF1727 49
GF1728 49
GF1737 51
GF1747 48
GF1750 48
GF1796S 58
GF1822 48
GF1823 49
GF1834 57
GF1834A 57
GF1843 55
GF1873 47
GF1924 46
GF1925 46
GF1934 49
GF1941 46
GF1950 47
GF1964 46
GF1986S 59
GF2072A 54
GF2072ASQ 54
GF2073A 54
GF2073ASQ 54
GF2079 46
GF2097 50
GF2101 50
GF2103 50
GF2108 50
GF2223 52
GF2225 52
GF2226 53
GF2227 52
GF2228 52
GF2229 52
GF2230 53
GF2245 53
GF2263 ..... 50, 93
GF2265 ..... 50, 93
GF2267 ..... 50, 93
GF2324 46
GF2325 46
GF2326 51
GF2341R-L 52
GF2345 52
GF2346 52
GF2347 52
GF2348 53
GF2407 36
GF2452 65
GF2453 54
GF2458-18 65
GF2473 51
GF2484 49
GF2484W 49
GF2485 ..... 72, 89
GF2490 46
GF2600 78
GF2626 49
GF2675 59
GF2676 59
GF2677 58
GF2682 58
GF2749 56
GF2749 N 56
GF2750 56
GF2750 N 56
GF2751 57
GF2751 N 57
GF2785 thru GF2787 60
GF2815 55
GF2815D 55
GF2824-6 60
GF2860-10 thru GF2860-55 36
GF2863 46
GF2864 46
GF2900T 62
GF2904T 62
GF2941 54
GF2942 54
GF2949 56
GF2950 56
GF3087 60
GF3088 60
GF3280 36
GF3380 36
GF3500 ..... 72, 89
GF4045 50
GF4047 51
GF5580 36
GF9011 39
GF9012 39
GF9209 39
GF9324 39
GFK1062 69
GFK1063 69
GFK1064 69
GFSA025 69
GFSA037 69
GS10 thru GS19 90
JQA E21 thru JQE 6080 87
MDPL02506 70
MDPL02506 thru MDPL05010 70
MDPL03706 70
MDPL03710 70
MDPL05010 70
MDS12 72
MDS38 72
P1787A thru P1795B 81
PC1109 thru PC1126 ..... 76, 77
PC1426 thru PC1431 76
PC2024 thru PC2070 77
PC2070-61 thru PC2070-84 77
PC2558-05 thru PC2558-60 78
QD14 thru QD12 73
RC050 thru RC1200 83
RH050 thru RH800 85
RH050CO thru RH400CO 85
RTS 95, 96
RTS5 96
RTS10-12 96
RTS20 96
RTSM 95
SC055SS thru SC475SS 75
SC055TEG thru SC475TEG 75
SN M8 67
SN M10 67
SN14 67
SN1006-1420 67
SN1007 67
SN1008 67
SN1008 T 67
SN1010 67
SN1010 T 67
SN1012S 67
SN1023 67
SN1023S 67
SN3006-1420 67
SN3008 67
SN3010 67
SN3013 67
SN4006-1420 67
SN4007 67
SN4008 67
SN4008 T 67
SN4010 67
SN4010 T 67
SN4012S 67
SN5508 67
SN5510 67
SN7006-1420 67
SRC 92
SRK-1810 89
SRS 92
SRT 92
SRU 92
SSH15 thru SSH100 86
STB2-25 thru STB2-100 70
ZRC 94

KEYWORD INDEX

"U" Shape Fittings 51
"Z" Shape Fittings 50
2 Hole Cable Clamp 82
2 Piece Pipe Clamps ..... 76 - 77
Adj. Brace Fitting 55
Adj. Hinge Connection 55, 93
Aluminum (AL) 14
Angle Fitting ..... 48 - 50, 93
Back-To-Back Bracket 63
Back-to-Back Cantilever Bracket 64
Beam Clamps ..... 58 - 61
Brace Fittings 65
Brackets ..... 63 - 65
Cable Brackets 40
Cable Cleats & Clamps 82
Cable Tray Bracket 65
Cable Vault Racking Systems 40
Cantilever Bracket 64
CH1000 (12 Gauge) ..... 19 - 22
CH1100 (14 Gauge) 23
CH3000 (12 Gauge) 24
CH3300 (12 Gauge) ..... 25 - 27
CH4100 (14 Gauge) ..... 28 - 29
CH5000 (12 Gauge) ..... 30 - 32
CH5500 (12 Gauge) ..... 33 - 35
Channel ..... 15 - 41
Channel Nuts 67
Channel Nuts & Hardware ..... 66 - 73
Channel Selection Chart 17
Channel Socket 72
Channel Support Trolley 57
Clamps & Pipe Supports ..... 74 - 87
Clevis Hanger 84
Closure Strip 36
CODE Cable Tray 99
CODE Electrical Enclosures 100
CODE Kiosks & Moti 100
Column Insert 60
Concrete Inserts ..... 42 - 43
Conversion Factors for Beam Loads 16
Cradle Clip 72, 89
Cushioned Clamps ..... 79 - 80
Design Load Data 45
Drill Bits 70
Drop-In Insert 72
Emperor Stainless Steel Cable Cleats 82
End Caps 36
Erectastep 97
Fall Protection 98
Fender Washer 68
Fiberglass Marker Posts 108
Fiberglass (FG) 14
Fitting Bracket 63, 64
Flat Plate Fittings ..... 46 - 47
Flat Washer 68
Flo-Coat® Process 112
Galvanizing Compound 94
Galvilite® Galvanizing Repair Compound 94
General Fittings ..... 44 - 65
Gravity Pin 39
Gripple Hangers ..... 89 - 91
Gripple Seismic Kits 90
Hardware ..... 68 - 73, 89
Heavy Duty Concrete Insert 43
Heavy-Duty Screw Anchor 71
Hex Bolt 68
Hex Nut 68
Hi-Voltage Clamps 81
High-Strength Hybrid Acrylic Adhesive 71
Hinge Fittings 55
In-Channel Joiners 62
Installation Steps 91
Isolation Material 78
Knee Brace 65
Kwik Washer™ 69
Lateral Bracing Load Reduction Charts 18
Light Duty Concrete Insert 43
Light Duty Slotted Angle 41
Light-Duty Inserts 43
Lock Washer 68
Malleable Ceiling Flanges 73
Marker Posts 108
Material and Finishes 14
Mechanical Tube ..... 109 - 112
Mini Rooftop Support 95
Modular Platforms and Stairs 97
Other General Fittings 62
Pictorial Table of Contents ..... 4 - 11
Pipe Cushioned Clamps 80
Pipe Hangers ..... 84 - 85
Pipe Straps 78
Plated Threaded Rod 68
Post Bases 54
Q-Deck Hanger 73
Racking Systems 40
Retaining Strap 61
Rigid Steel Conduit 2 Piece Clamps 76
RING Hanger 85
Riser Clamps 83
Rod Coupler 68
Rooftop 12" Extended Support w/10" Strut 96
Rooftop Supports ..... 95 - 96
Round Sign Posts 108
Saddle Clamps 75
SDS-plus Drill Bits 70
Seismic Bracing ..... 88 - 93
Seismic Cables 92
Seismic Fittings ..... 92 - 93
Seismic Kits 90
Seismic Restraint Sleeve 92
Seismic Restraint Thimble 92
Seismic Restraint U-Bolt 92
Seismic Rod Stiffener 72, 89
Sign Bracket and Hardware 108
Sign Posts and Hardware 108
Single Piece Pipe Strap 78
Slot Adapter™ 69
Slotted Angle 41
Spring Hangers 86
Spring Mounts 87
SRK-1810 – Sway Brace Kit 89
Stainless Steel - Type 304 (SS 304) 14
Stainless Steel - Type 316 (SS 316) 14
Stainless Steel Threaded Rod 68
Steel - Hot-dipped galvanized (HG) 14
Steel - Pre-galvanized (PG) 14
Steel - Unfinished, Plain, (PL) 14
Strong-Bolt 2 Wedge Anchor 70
Telescoping Strut ..... 37 - 39
Telespar Sign Posts and Hardware ..... 101 - 107
The UBS Connection ..... 12 - 13
Thin Wall Conduit (EMT) 2 Piece Clamps 76
Threaded Rod Hanger 71
Threaded Rods 68
Titen HD® Heavy-Duty Screw Anchor 71
Titen HD® Threaded Rod Hanger 71
Top Beam Clamp 61
Trolleys ..... 56 - 57
Tube Cushioned Clamps 79
Tubular Knee Brace 65
"U" Shape Fittings 51
U-Channel Sign Posts 108
Vulcan Stainless Steel Cable Cleats 82
Washers 68
Wedge Anchor 70
Wide Mouth Top Beam Clamp 61
Wing Shape Fittings ..... 52 - 53
YellowGate® Fall Protection 98
"Z" Shape Fittings 50
Zinc Electroplated Steel (EG) 14

www.ubsindustries.com
info@ubsindustries.com
(t) 604.540.4440
1300 Ketch Court
Coquitlam, B.C.
V3K 6W1

Visit Us On The Web At:

www.ubsindustries.com



YOUR SOLUTIONS PROVIDER

UBS INDUSTRIES

1300 Ketch Court
Coquitlam, BC
V3K 6W1
Tel: 604.540.4440
info@ubsindustries.com
www.ubsindustries.com

Scan QR quote to visit
our website to browse
the catalogue online