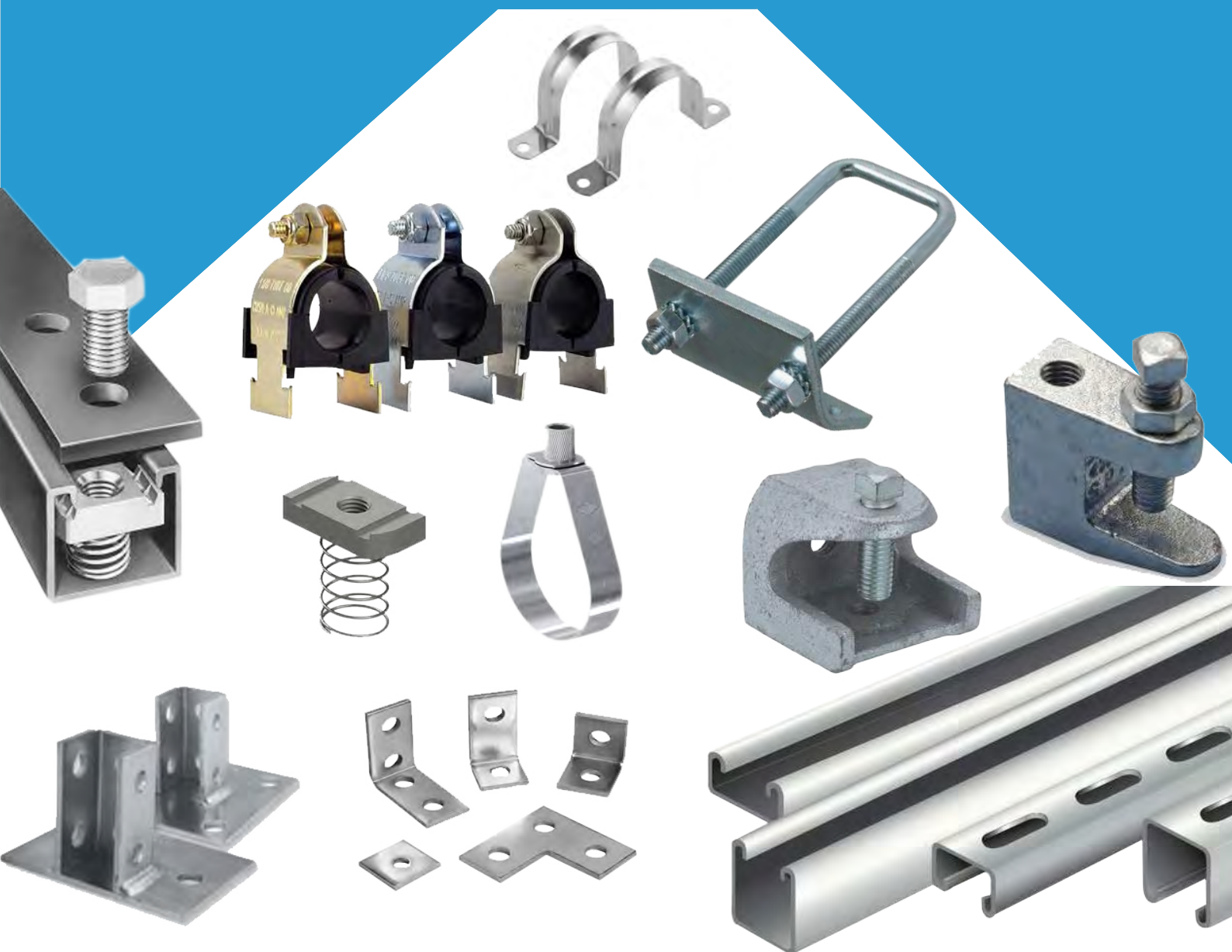




H.J TECH
H.J TECH INDUSTRY LIMITED

Strut Fittings & Pipe Fitting Accessories



嘉兴创诺精密五金有限公司

JIAXING H.J TECH INDUSTRY LIMITED

JIAXING H.J Tech Industry is a leading manufacturer in the production of Channels, Fittings & Accessories. Conduit Fittings & Supports, Steel washers. Furniture Reinforcements and the commerce of bolts and nuts.

Founded in 2005, the company has been playing an important role in the development of many industrial realities in its region. From a Washer factory (H.J TECH), which was established by 1995, and now we develop into a diversity of Channels. Fittings & Accessories. Conduit Fittings & Supports. Washers. Furniture hardware. Pipe clamps. and etc integrated factory.

The company area covers about 6000 square meters and includes:

Tools & Dies Department = for stocking the dies of standard products & developing dies for new products or special parts.

Production Department = for the manufacturing of standard and special parts.

Deburring Department: Polishing metal products.

Packing Room = to pack the products according to customer's request.

Warehouse: for the stocking and delivery of the finished products.

Raw Material Warehouse: for the preparation of production.

Test Department = to control the entrance of raw material, and test the products before packing.

JIAXING H.J Tech Industry offers

Own manufacture range:

Channels, Fittings & Accessories: Channel Nuts; Flat Fittings; Angle Fittings; Wing Fittings; Post Bases; Square Washer; Braces & Brackets; Beam Clamps; U-Bolts.

Conduit Fittings & Supports: Pipe Clamps; EMT Conduit Fittings; Rigid Conduit Fittings; Conduit Hangers & Supports.

Flat washers according to DIN. ISO, UNI. ASTM.

Hardened Washer. Spring washers. Contact washers. Penny Washers. Mudguard Washers. Repair Washers.

Furniture Reinforcement Shelf Brackets. Corner Braces. Angle brackets. Mending Plates.

Construction Brackets: Timber Connectors. Angle Bracket. Joist Hanger.

Channel Strut Fittings: Corner Angle. Cross Corner Plates. Splice Plates.

Duct Accessories: TDF/TDC Duct Corners, HVAC Duct Flange Corners.

Parts on drawing.

Commercial range:

Hex Bolts. Hex Cap Screw. Carriage bolts. Hex Nuts. Hex Flange Nuts, A194 Heavy Hex Nut. Hex lock nuts nylon insert, T-Nuts, Coupling nuts

JIAXING H.J Tech Industry are working for a operating system to speed up the managing of customer. which range Technology confirmed. Production arrangement. Product testing and Shippment arranging after order placed. This was necessary to operate in a continuous growing market. It is the answer to a world which compels to be skilled by using advanced managing strategies and an extreme flexibility in the work organisation and that sentences to a quick and merciless exclusion from the manufacturing world, those coll)anies which are not able to remain in step with innovation.

JIAXING H.J Tech Industry is certificated according to the ISO 9001:2000 since 2005 and experienced always more attention to quality controls. by considering customer satisfaction and continuous improvement as main features of its activity.

嘉兴创诺精密五金有限公司位于江浙沪交界处——嘉善陶庄，是一家专业生产、销售C型钢配件，支架，管夹，弹簧螺母，精密垫圈，高强度垫圈，弹簧垫圈，CNC部件，铜套，铜套，导套，滑板，双金属等无油自润滑轴承及地板支撑架等建筑配件为一体的现代化企业。

嘉兴创诺精密五金有限公司一直以来坚持以诚待人，坚持“科学创新、科学管理、独到经营”的原则，以优质专用料、优质服务、合理的价格，为广大客户提供共赢的格局。本公司拥有一支非常优秀的团队，管理，财务，业务，技术，售后各部门互相配合，共同带领企业走向未来。并于2013年通过ISO9001: 2008,

公司的核心竞争力是7个部门的团队一个目标一个理念。

销售部：海外营销兼并内销，以客户为中心，服务客户，满足客户，做好每一个客户。

财务部：控制采购材料成本，管理成本，做好现金流计划，保持公司正常运作。

产品部：引进先进产品，弥补公司原有产品补足并且开发新产品，扩大增长点。

模具部：开发并设计模具，储存模具。

采购部：原材料采购并且不断增加优势供应商，新型材料引进。

生产部：按销售部发出的生产指令，准时，保质完成生产

检测部：按照工序检测单，做好每个步骤的质量检查，完成各种测试。或者第三方检验。

嘉兴创诺精密五金有限公司不断完善企业的经营管理生产工艺，致力于创建具有质优价廉体系。企业的管理和发展趋势在国内五金产品有口皆碑，在同类企业中取得了领先地位。欢迎广大新老客户前来咨询洽谈。

诚信 • 发展 • 共赢



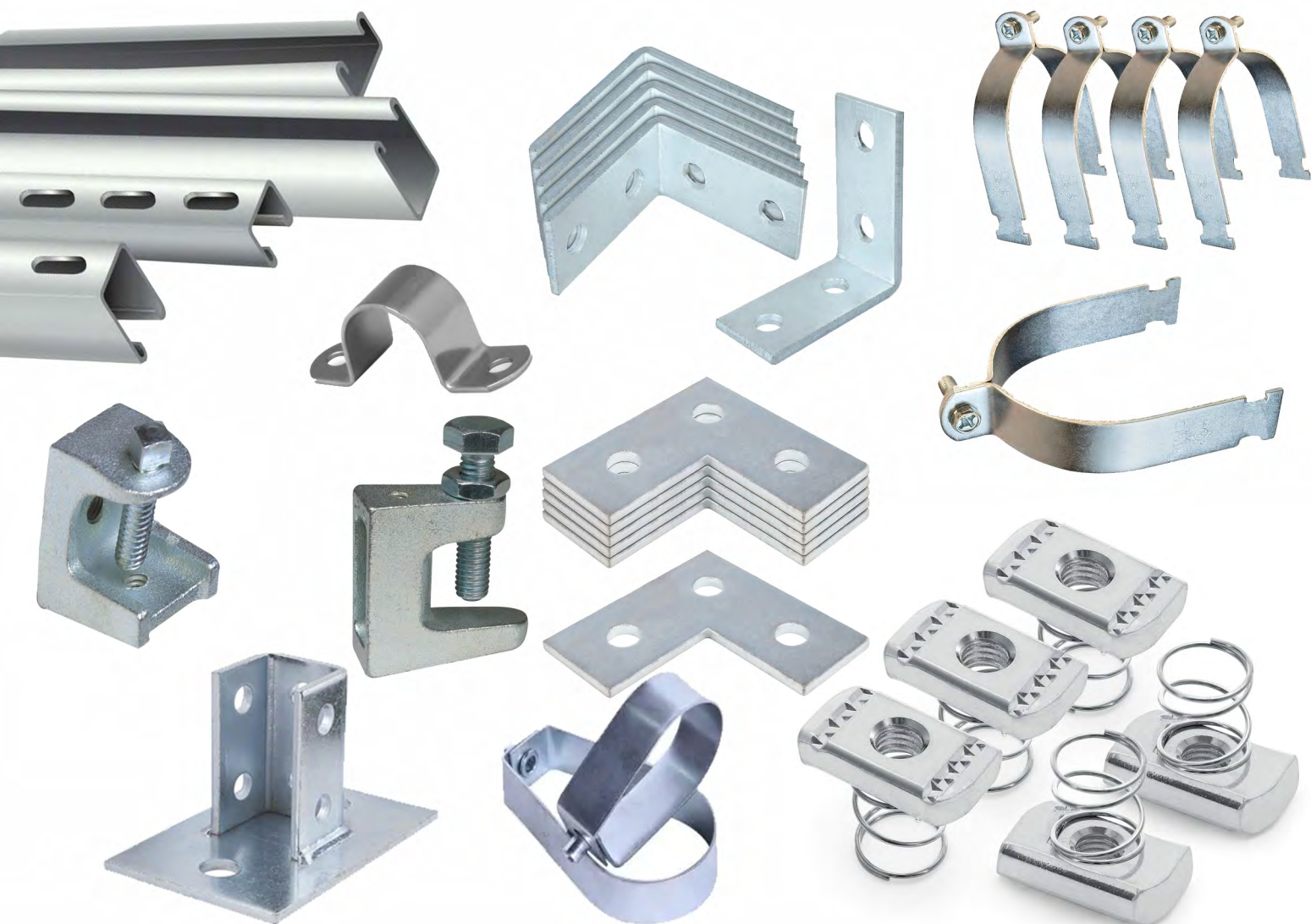
PRODUCTS INDEX

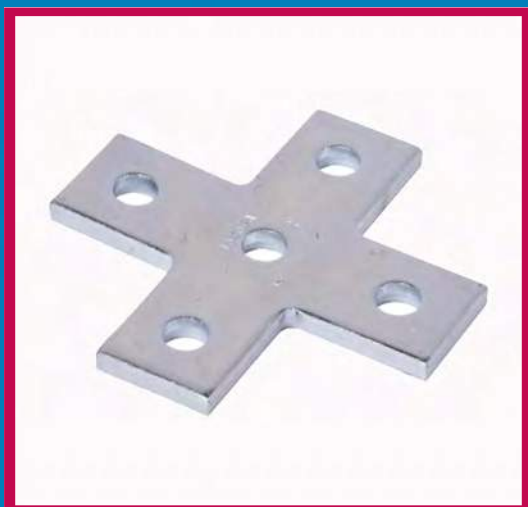
FITTINGS.....01-14

PIPE&CONDUIT CLAMPS.....15-22

BRACKETS.....23-26

FASTENERS.....27-31





FITTINGS

*Strut has a wide variety
of fittings to meet all of your
application requirements*

MATERIAL:

All-Strut fittings are formed in punch press dies from mild, pickled and oiled, bar or strip steel. Plain or electro-galvanized fittings meet the requirements for ASTM A575 and A-576, or ASTM A-36.

STANDARD DIMENSIONS:

Standard dimensions on all fittings are as follows except where otherwise indicated:

Fitting Thickness: $\frac{1}{4}$ "
 Fitting Width: $1\frac{5}{8}$ "
 Hole Diameter: $\frac{9}{16}$ "
 Hole Spacing: $1\frac{7}{8}$ " on centers and $1\frac{3}{16}$ " from ends.

STANDARD FINISH:

All Channov-Strut fittings are available in painted green or electro-galvanized finish.

ORDERING INFORMATION:

When ordering, add the length or size and finish to the part number.

SET SCREW TORQUE:

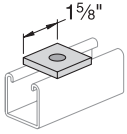
BOLT SIZE	$\frac{1}{4}$ "-20	$\frac{5}{16}$ "-18	$\frac{3}{8}$ "-16	$\frac{1}{2}$ "-13	$\frac{5}{8}$ "-11	$\frac{3}{4}$ "-10
Set Screw Torque In/Lbs	40	60	125	250	400	665

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

FITTINGS

Finish: Painted Green or Electro-galvanized **Order By:** No., Size and Finish

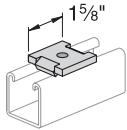
CS 619 – Square Washer



Note: Indicate rod size when ordering.
For example, CS 619 1/2.

Rod Size	Hole Size	Wt./100 pcs
1/4"	1 1/32"	18
3/8"	7/16"	18
1/2"	9/16"	17
5/8"	1 1/16"	16
3/4"	1 3/16"	15

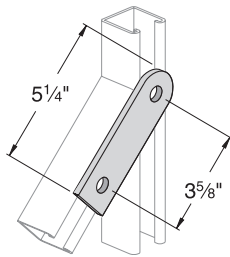
CS 2504 – Guided Square Washer



Note: Indicate rod size when ordering.
For example, CS 2504 1/2.

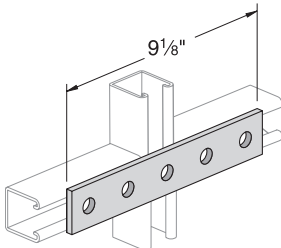
Rod Size	Hole Size	Wt./100 pcs
1/4"	1 1/32"	18
3/8"	7/16"	18
1/2"	9/16"	17

CS 618 – Two-Hole Swivel Plate



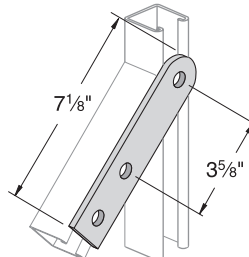
Weight/100 pcs: 55 lbs.

CS 889 – Five-Hole Splice Plate



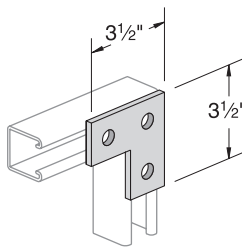
Weight/100 pcs: 94 lbs.

CS 617 – Three-Hole Swivel Plate



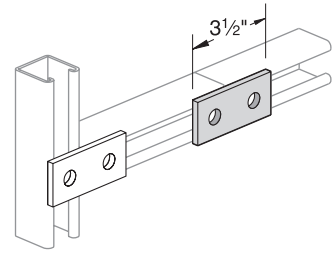
Weight/100 pcs: 75 lbs.

CS 718 – Flat Angle Plate



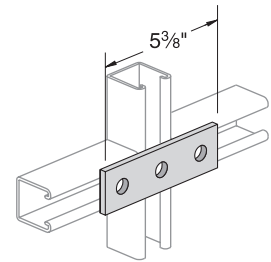
Weight/100 pcs: 58 lbs.

CS601 – Two-Hole Splice Plate



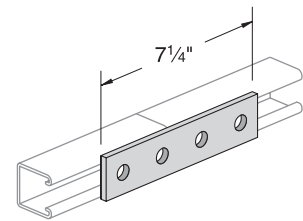
Weight/100 pcs: 38 lbs.

CS 602 – Three-Hole Splice Plate



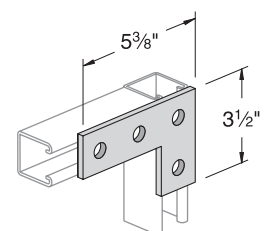
Weight/100 pcs: 50 lbs.

CS 888 – Four-Hole Splice Plate



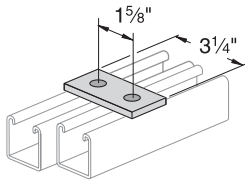
Weight/100 pcs: 78 lbs.

CS 719 – Flat Angle Plate



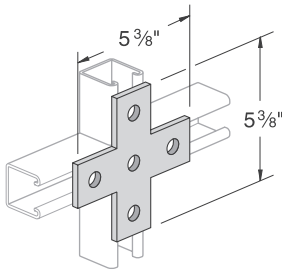
Weight/100 pcs: 80 lbs.

CS 620 – Two-Hole Connecting Plate



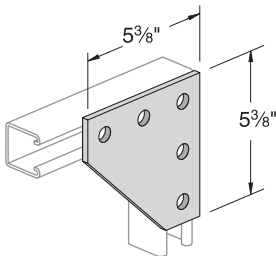
Weight/100 pcs: 35 lbs.

CS 712 – Cross Plate



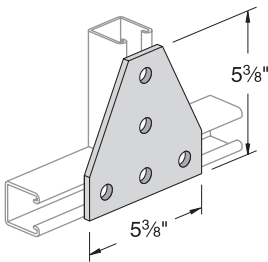
Weight/100 pcs: 105 lbs.

CS 2190 – Flat Corner Connector



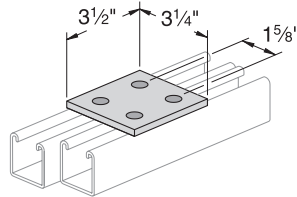
Weight/100 pcs: 150 lbs.

CS 854 – Flat Connector



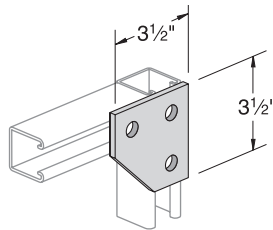
Weight/100 pcs: 148 lbs.

CS 621 – Four-Hole Connecting Plate



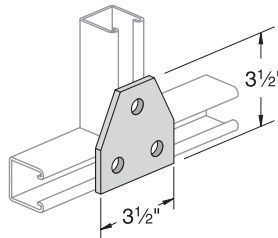
Weight/100 pcs: 73 lbs.

CS 744 – Flat Corner Connector



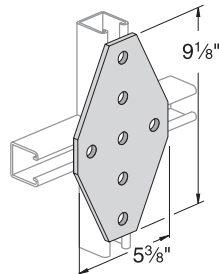
Weight/100 pcs: 70 lbs.

CS 925 – Three-Hole Joint Connector



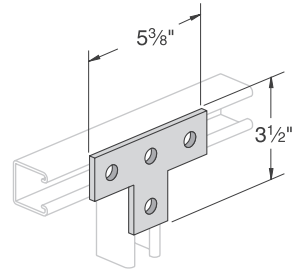
Weight/100 pcs: 70 lbs.

CS 2112 – Cross Connector



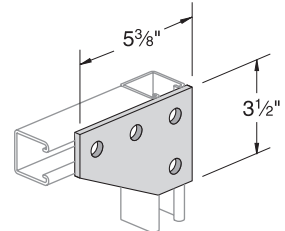
Weight/100 pcs: 240 lbs.

CS 714 – Tee Plate



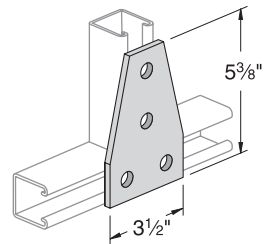
Weight/100 pcs: 80 lbs.

CS 750 – Four-Hole Corner Connector



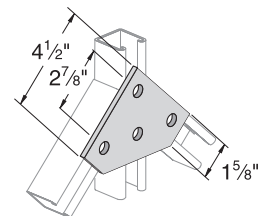
Weight/100 pcs: 105 lbs.

CS 747 – Symmetrical Four-Hole Connector



Weight/100 pcs: 105 lbs.

CS 822 – Double 45° Connector



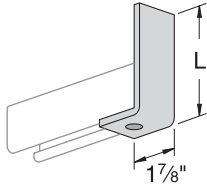
Weight/100 pcs: 112 lbs.

FITTINGS

Finish: Painted Green or Electro-galvanized Order By: No., Size and Finish

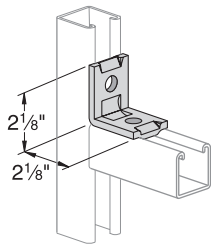


CS 921 – One-Hole Angle



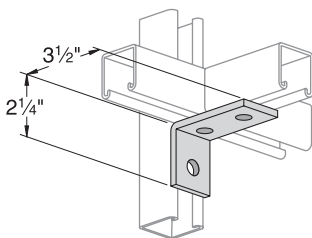
Part No.	L	Wt./100 pcs
CS 921 A	3 7/8"	61
CS 921 B	5 7/8"	84
CS 921 C	7 7/8"	107
CS 921 D	9 7/8"	130

CS 806 – Self-Aligning Two-Hole Angle



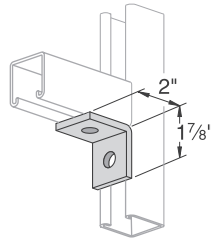
Weight/100 pcs: 40 lbs.

CS 605 – Three-Hole Corner Angle



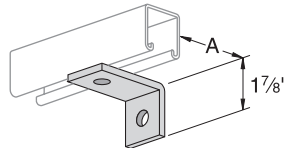
Weight/100 pcs: 58 lbs.

CS 603 – Two-Hole End Angle



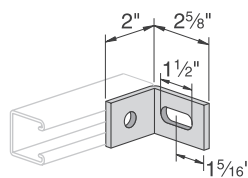
Weight/100 pcs: 38 lbs.

CS 2144 – Corner Angle



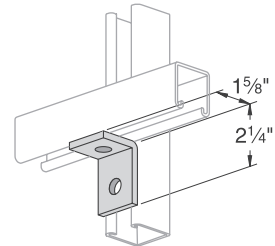
A	Wt./100 pcs
3"	49
3 1/2"	54
4"	61

CS 2520 – Slotted 90° Angle



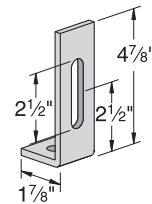
Weight/100 pcs: 42 lbs.

CS 604 – Two-Hole Corner Angle



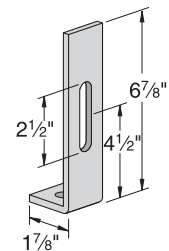
Weight/100 pcs: 38 lbs.

CS 763 – Slotted Adjustment Angle



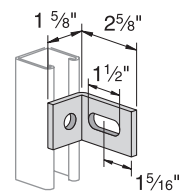
Weight/100 pcs: 65 lbs.

CS 764 – Slotted Adjustment Angle



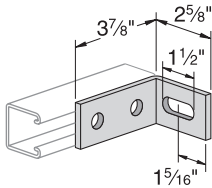
Weight/100 pcs: 85 lbs.

CS 2545 – Slotted 90° Angle



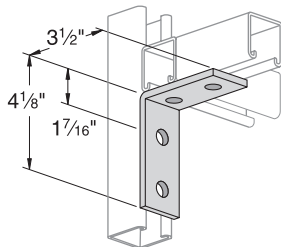
Weight/100 pcs: 38 lbs.

CS 3049 – Two-Hole Slotted 90° Angle



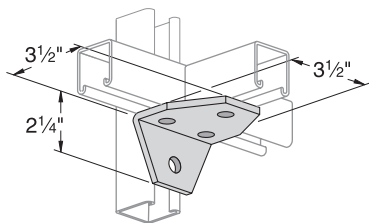
Weight/100 pcs: 66 lbs.

CS 607 – Four-Hole Corner Angle



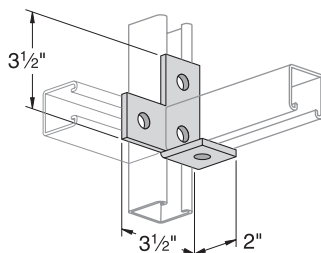
Weight/100 pcs: 78 lbs.

CS 614 – Four-Hole Joint Angle Connector



Weight/100 pcs: 103 lbs.

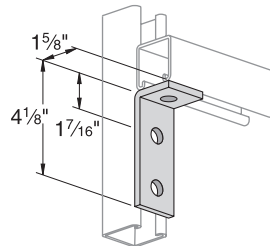
CS 716 R or L – Angle Tee Plate



Note:
Specify R (Right) or L (Left) Right Hand Illustrated

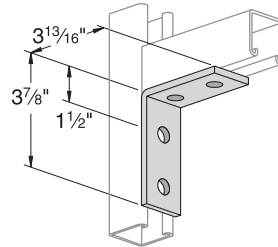
Weight/100 pcs: 80 lbs.

CS 606 – Three-Hole Corner Angle



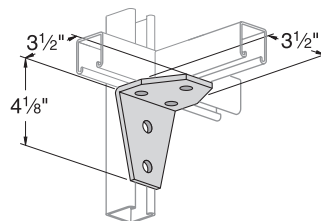
Weight/100 pcs: 58 lbs.

CS 660 – Four-Hole Corner Angle



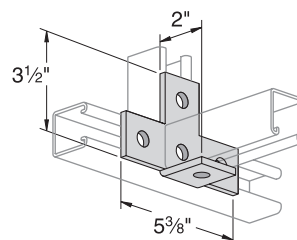
Weight/100 pcs: 78 lbs.

CS 615 – Five-Hole Joint Angle Connector



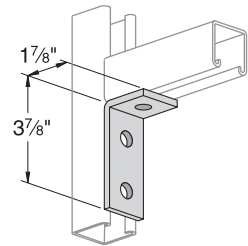
Weight/100 pcs: 135 lbs.

CS 713 – Cross Plate Angle



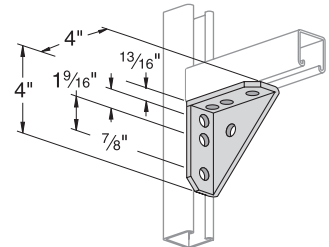
Weight/100 pcs: 105 lbs.

CS 745 – Three-Hole Corner Angle



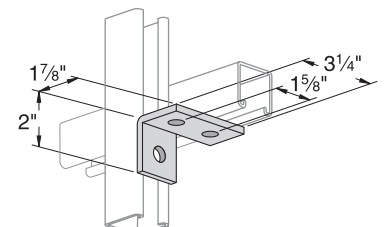
Weight/100 pcs: 58 lbs.

CS 3373 – Universal Corner Connector



Weight/100 pcs: 134 lbs.

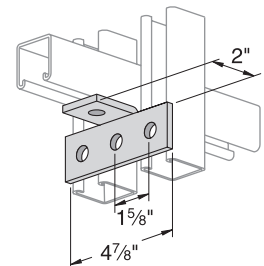
CS 720 R or L – Angle Plate Connector



Note:
Specify R (Right) or L (Left) Right Hand Illustrated

Weight/100 pcs: 55 lbs.

CS 715 – Tee Plate 90° Angle



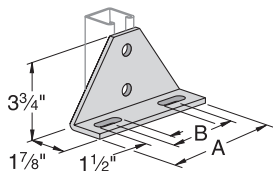
Weight/100 pcs: 71 lbs.

FITTINGS

Finish: Painted Green or Electro-galvanized **Order By:** No., Size and Finish

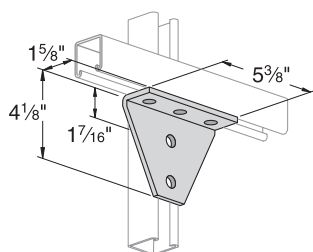


CS 689A, CS 689B – Double-Slotted Corner Connector



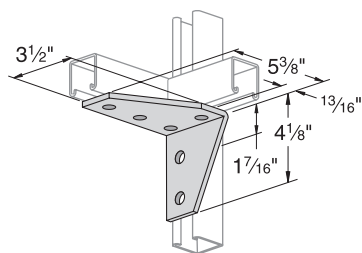
Part No.	A	B	Wt./100 pcs
CS 689 A	6 5/8"	4"	190
CS 689 B	8 5/8"	6"	242

CS 927 – Five-Hole Corner Connector



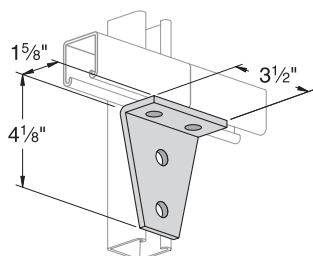
Weight/100 pcs: 154 lbs.

CS 2007 R or L – Six-Hole Corner Connector



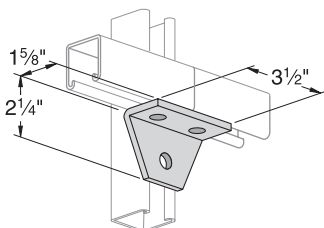
Note:
Specify R (Right) or L (Left) Right Hand Illustrated
Weight/100 pcs: 160 lbs.

CS 748 – Four-Hole Corner Joint Connector



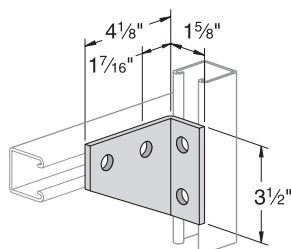
Weight/100 pcs: 105 lbs.

CS 746 – Three-Hole Corner Joint Connector



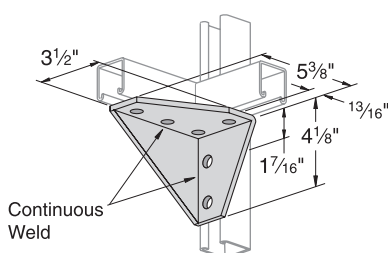
Weight/100 pcs: 70 lbs.

CS 752 R or L – Four-Hole Corner Connector



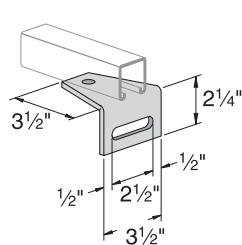
Note:
Specify R (Right) or L (Left) Right Hand Illustrated
Weight/100 pcs: 105 lbs.

CS 3326 R or L – Six-Hole Gusseted Corner Connector



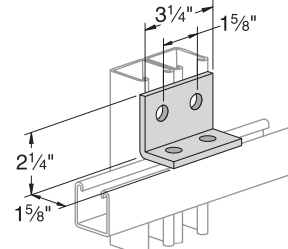
Note:
Specify R (Right) or L (Left) Right Hand Illustrated
Weight/100 pcs: 230 lbs.

CS 2113 – Slotted Corner Connector



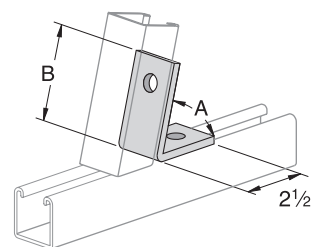
Weight/100 pcs: 97 lbs.

CS 622 – Four-Hole Corner Connector



Weight/100 pcs: 75 lbs.

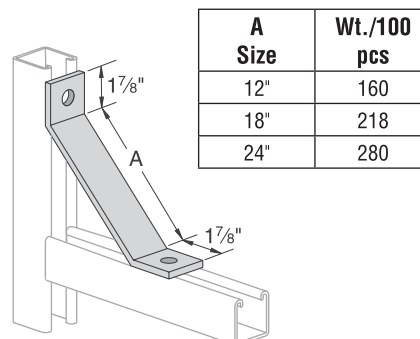
CS 624 – Two-Hole Closed Angle Connector



"B" In.	"A" Angle
3"	37 1/2°
3 1/8"	45°
3 1/16"	52 1/2°
3 1/8"	60°
3 1/8"	67 1/2°
3 3/16"	75°
3 3/16"	82 1/2°

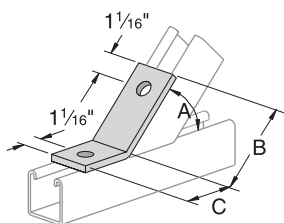
Weight/100 pcs: 58 lbs.

CS 926 – Strut Brace



A Size	Wt./100 pcs
12"	160
18"	218
24"	280

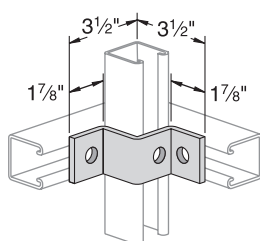
CS 633 – Two-Hole Open Angle Connector



"A" Degree	"B" In.	"C" In.
82½°	3⅞"	1⅛"
75°	3⅞"	
67½°	3½"	1¾"
60°	3⅝"	1⅞"
52½°	3¼"	2¼"
45°	3"	2⅝"
37½°	2⅛"	2⅞"
30°	3¼"	2¼"
22½°	3⅝"	
15°	3⅝"	
7½°	3⅝"	

Weight/100 pcs: 58 lbs.

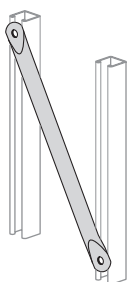
CS 2054 – Corner Connector



Use With: CS 200, CS 210

Weight/100 pcs: 66 lbs.

CS 810 – Diagonal Tube Brace

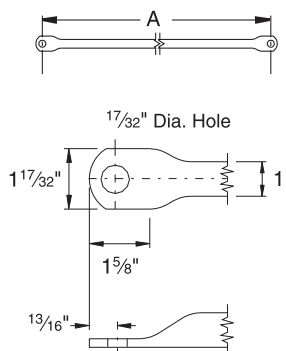


Part No.	A Size	Wt./100 pcs
CS 810 36	3'-0"	205
CS 810 42	3'-6"	237
CS 810 48	4'-0"	270

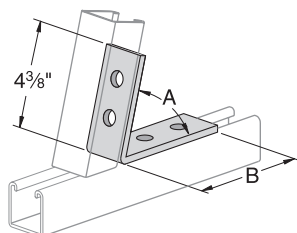
Note:
30° to 60° angle between the brace and channel
is recommended for maximum effect.

Material: 1" dia. electric welded tubing

Stock Thickness: (.075) 14 ga.



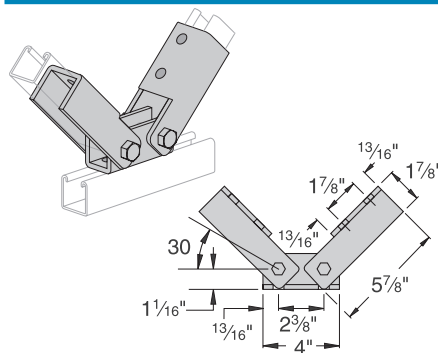
CS 793 – Four-Hole Closed Angle Connector



"A" Angle	"B" In.
37½°	4⅞"
45°-	415⁄16"
52½°	
60°	5"
67½°	5¼"
75°	
82½°	

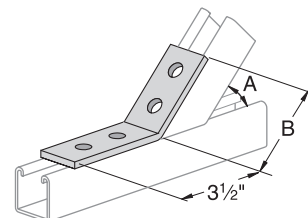
Weight/100 pcs: 100 lbs.

CS 9401 – Double Adjustable Brace



Weight/100 pcs: 307 lbs.

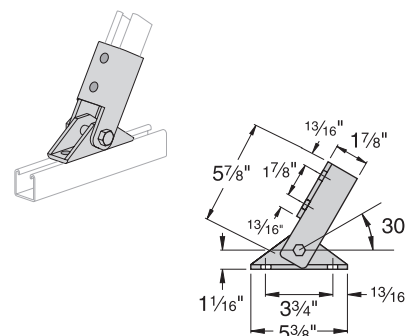
CS 781 – Four-Hole Open Angle Connector



"A" Angle	"B" In.
7½°	3¾"
15°	
22½°	
30°	31¼"
37½°	
45°	
52½°	
60°	
67½°	3⅝"
75°	
82½°	

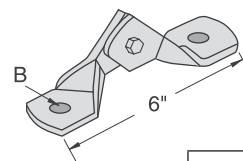
Weight/100 pcs: 78 lbs.

CS 9400 – Adjustable Brace



Weight/100 pcs: 307 lbs.

CS 9402 – Two-Hole Hinge Connector



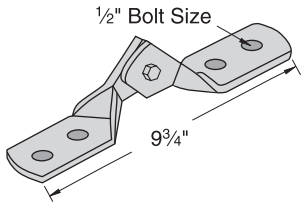
"B" Bolt Size	Wt./100 pcs
1/2"	108
5/8"	107
3/4"	106

FITTINGS

Finish: Painted Green or Electro-galvanized **Order By:** No., Size and Finish

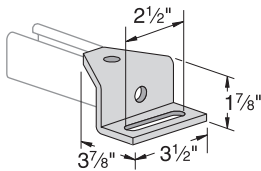


CS 9404 – Four-Hole Hinge Connector



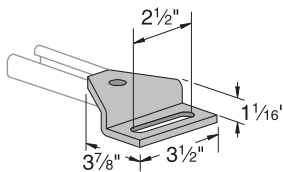
Part No.	Wt./100 pcs
CS 9404-1/2"	126

CS 692 – 1 5/8" Offset Zee Connector



Weight/100 pcs: 102 lbs.

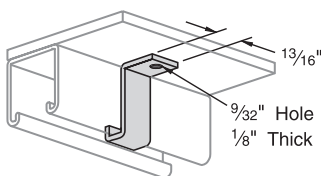
CS 2523 – Offset Adjustable Zee Connector



Use With: CS 500, CS 520, & CS 560

Weight/100 pcs: 70 lbs.

CS 2532 – Shelf Attachment Zee

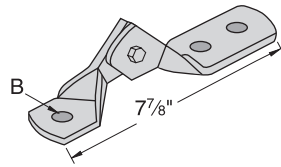


Stock Thickness: 1/8"

Use With: CS 200, CS 210

Weight/100 pcs: 9 lbs.

CS 9403 – Three-Hole Hinge Connector

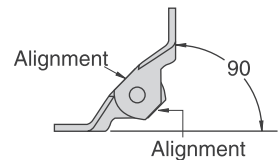
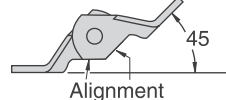


"B" Bolt Size	Wt./100 pcs
1/2"	108
5/8"	107
3/4"	106

Hinge Connect or Auto-Alignment Guides -

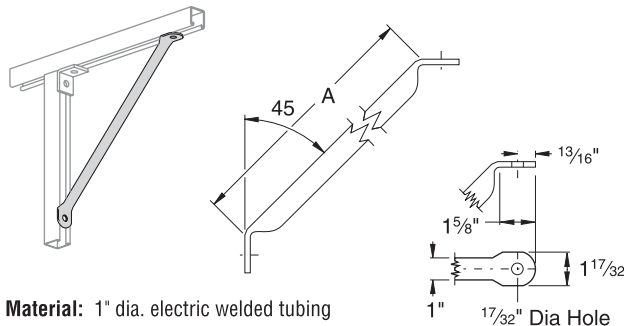
The unique edges of the two hinges have been designed to provide an alignment guide for 0°, 45° and 90° as shown in the drawings below.

This eliminates the need for measuring gages.



- Each half of the hinge is formed and welded for maximum strength.
- Hinged with Grade 5 bolt for superior strength.
- The nylon insert locknut prevents loosening of the hinge.

CS 812 – 45° Diagonal Tube Brace



Material: 1" dia. electric welded tubing

Stock Thickness: (.075) 14 ga.

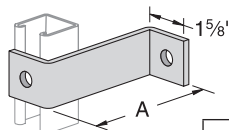
A Size	Wt./100 pcs
12"	88
18"	116
24"	149
30"	181
36"	214

Design Load:

Tension = 300 lbs.

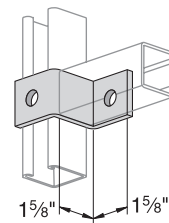
Comp. = 1,500 lbs.

CS 3060 – Offset Connector



A	Wt./100 pcs
4"	81
5"	92
6"	104
7"	115
8"	127

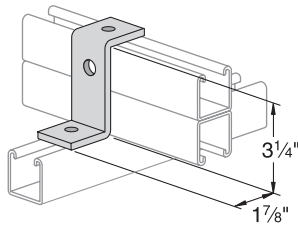
CS 647 – 1 7/8" Offset Zee Connector



Use With: CS 200, CS 210

Weight/100 pcs: 55 lbs.

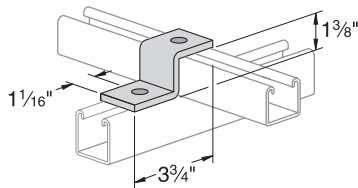
CS 756 – Zee Support



Use With: CS 100, CS 200 2T3, CS 210 2T3

Weight/100 pcs: 70 lbs.

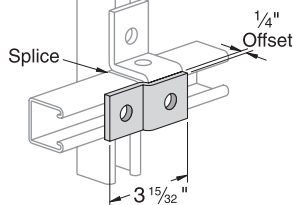
CS 711 – Zee Support



Use With: CS 300

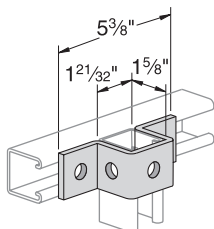
Weight/100 pcs: 53 lbs.

CS 609 – Two-Hole Offset Plate Connector



Weight/100 pcs: 38 lbs.

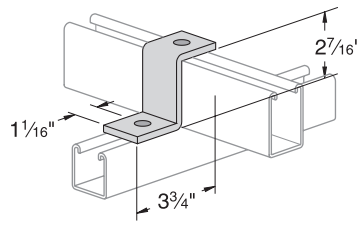
CS 613 – "U" Support



Use With: CS 200, CS 210

Weight/100 pcs: 88 lbs.

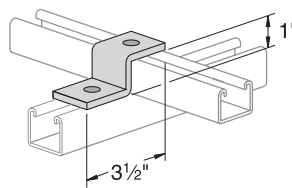
CS 2601 – Zee Support



Use With: CS 150

Weight/100 pcs: 70 lbs.

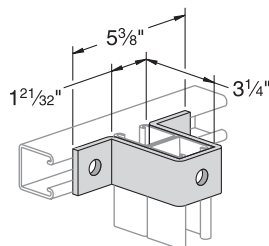
CS 612 – Zee Support



Use With: CS 400

Weight/100 pcs: 47 lbs.

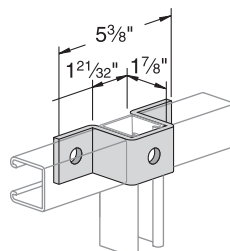
CS 679 – "U" Support



Use With: CS 100, CS 200 2T3, CS 210 2T3

Weight/100 pcs: 128 lbs.

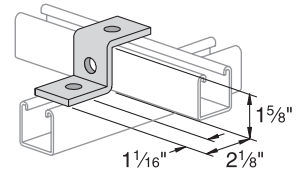
CS 2119 – "U" Support



Use With: CS 200, CS 210

Weight/100 pcs: 95 lbs.

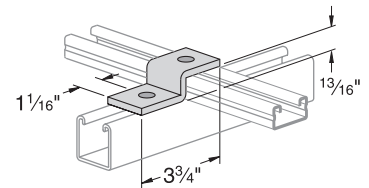
CS 611 – Zee Support



Use With: CS 200, CS 210

Weight/100 pcs: 55 lbs.

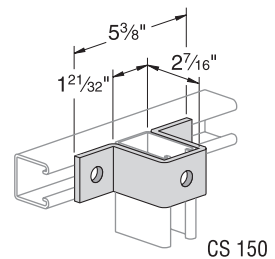
CS 928 – Zee Support



Use With: CS 500, CS 520 and CS 560

Weight/100 pcs: 47 lbs.

CS 2648 – "U" Support

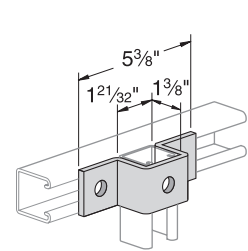


CS 150

Use With: CS 150

Weight/100 pcs: 108 lbs.

CS 710 – "U" Support



Use With: CS 300

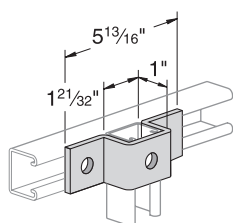
Weight/100 pcs: 84 lbs.

FITTINGS

Finish: Painted Green or Electro-galvanized Order By: No., Size and Finish



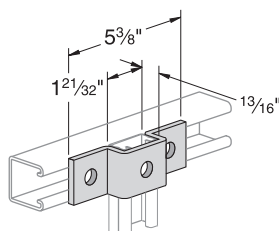
CS 978 – "U" Support



Use With: CS 400

Weight/100 pcs: 71 lbs.

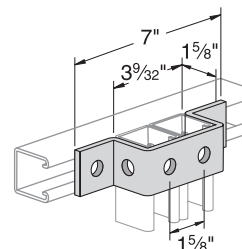
CS 929 – "U" Support



Use With: CS 500, CS 520 and CS 560

Weight/100 pcs: 71 lbs.

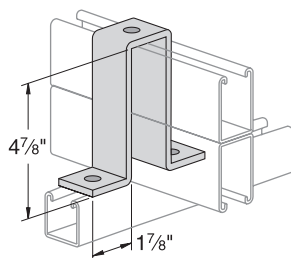
CS 721 – "U" Support



Use With: CS 100, CS 200 2T3, CS 210 2T3

Weight/100 pcs: 105 lbs.

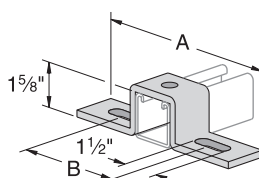
CS 678 – Three-Hole "U" Support



Use With: CS 150 2T3

Weight/100 pcs: 197 lbs.

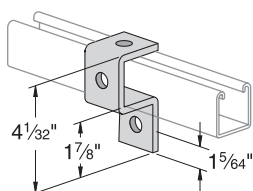
CS 687A, CS 687B & CS 687C – Slotted "U" Support



Use With: CS 200, CS 210

Order No.	'A' Length	'B' Length	Wt./100 pcs
CS 687A	7 1/4"	4 1/8"	105
CS 687B	8 1/2"	5 3/8"	120
CS 687C	10 3/8"	7 1/4"	130

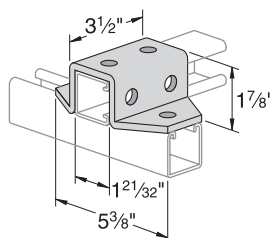
CS 677 – Cup Support for Standard Single Strut



Use With: CS 200, CS 210

Weight/100 pcs: 76 lbs.

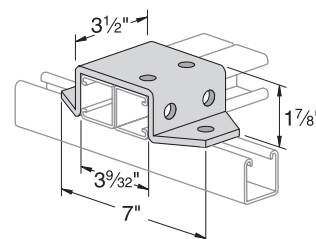
CS 733 – Six-Hole "U" Support



Use With: CS 200, CS 210

Weight/100 pcs: 171 lbs.

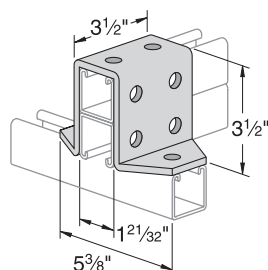
CS 734 – Eight-Hole "U" Support



Use With: CS 200, 2T3

Weight/100 pcs: 209 lbs.

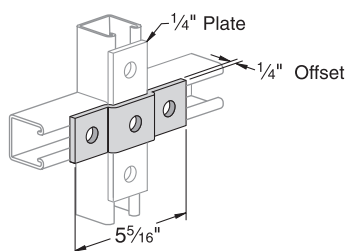
CS 735 – Eight-Hole "U" Support



Use With: CS 200, 2T3

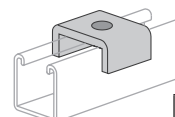
Weight/100 pcs: 257 lbs.

CS 709 – Three-Hole Offset Plate Connection



Weight/100 pcs: 58 lbs.

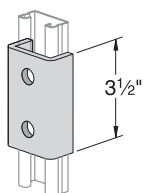
CS 623 – Saddle Washer



Bolt Size	Wt./100 pcs
1/4"	14
3/8"	
1/2"	
5/8"	13
3/4"	

Weight/100 pcs: 265 lbs.

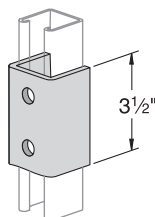
CS 644 – Two-Hole Splice Clevis



Use With: CS 500, CS 520 and CS 560

Weight/100 pcs: 85 lbs.

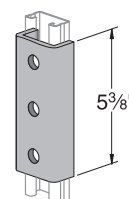
CS 631 – Two-Hole Splice Clevis



Use With: CS 200, CS 210

Weight/100 pcs: 128 lbs.

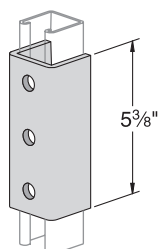
CS 645 – Three-Hole Splice Clevis



Use With: CS 500, CS 520 and CS 560

Weight/100 pcs: 130 lbs.

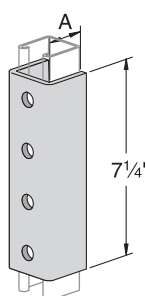
CS 629 – Three-Hole Splice Clevis



Use With: CS 200 and CS 210

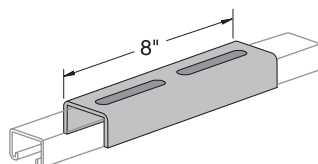
Weight/100 pcs: 197 lbs.

CS 616, CS 646 – Four-Hole Splice Clevis



Part No.	A	For Use With	Wt./100 pcs
CS 616	1 9/16"	CS 200, CS 210	265
CS 646	1 3/16"	CS 500, CS 560	176
CS 616-100	3 3/16"	CS 100	390
CS 616-150	2 3/8"	CS 150	390

CS 804 – Slotted Joiner



Stock Thickness: (.105)

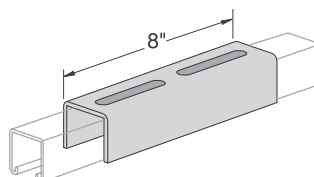
Use With:

CS 400S, CS 500S, CS 520S and CS 560S

Note: Order CS 6072 screws & CS 6108 nuts separately.

Weight/100 pcs: 80 lbs.

CS 704 – Slotted Joiner



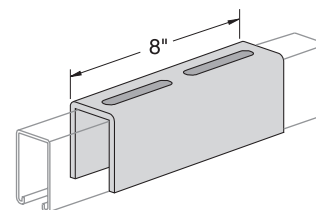
Stock Thickness: (.105)

Use With: CS 200S, CS 210S

Note: Order CS 6072 screws & CS 6108 nuts separately.

Weight/100 pcs: 197 lbs.

CS 1004 – Slotted Joiner



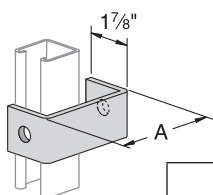
Stock Thickness: (.105)

Use With: CS 150S

Note: Order CS 6072 screws & CS 6108 nuts separately.

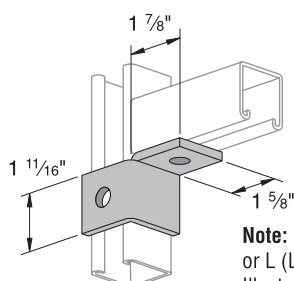
Weight/100 pcs: 140 lbs.

CS 993 – Inside Clevis Hanger



A Size	Wt./100 pcs
4"	78
5"	89
6"	101
7"	112
8"	124

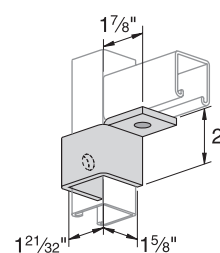
CS 922 R or L – Two-Hole Corner Connector



Note: Specify R (Right) or L (Left) Right Hand Illustrated

Weight/100 pcs: 60 lbs.

CS 2117 R or L – Wrap-Around Corner Connector



Note: Specify R (Right) or L (Left) Right Hand Illustrated

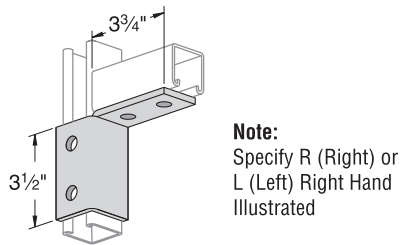
Weight/100 pcs: 75 lbs.

FITTINGS

Finish: Painted Green or Electro-galvanized **Order By:** No., Size and Finish

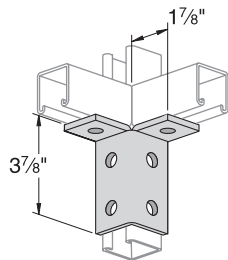


CS 2128 R or L – Four-Hole Corner Connector



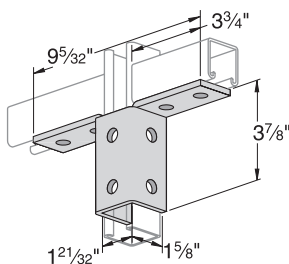
Weight/100 pcs: 119 lbs.

CS 666 – Six-Hole Double Corner Connector



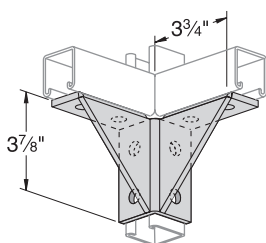
Weight/100 pcs: 115 lbs.

CS 913 – Ten-Hole Double Wing Connector



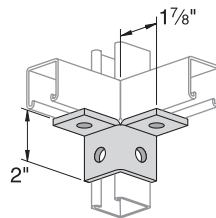
Weight/100 pcs: 193 lbs.

CS 943 – Eight-Hole Gussetted Double Corner Connector



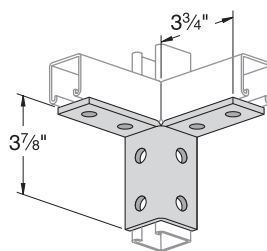
Weight/100 pcs: 217 lbs.

CS 665 – Four-Hole Double Corner Connector



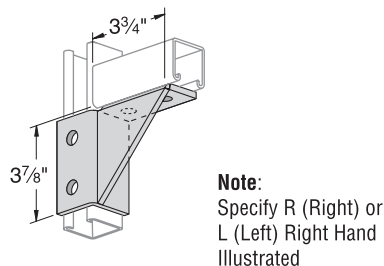
Weight/100 pcs: 76 lbs.

CS 667 – Eight-Hole Double Corner Connector



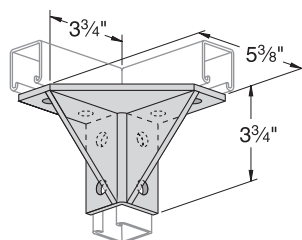
Weight/100 pcs: 155 lbs.

CS 2129 R or L – Single Corner Gussetted Connector



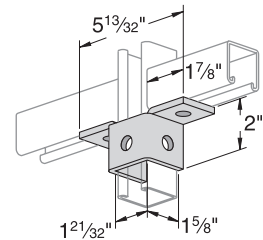
Weight/100 pcs: 176 lbs.

CS 2514 – Eight-Hole Gussetted Double Corner Connector



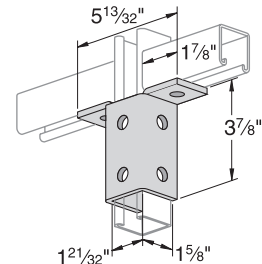
Weight/100 pcs: 315 lbs.

CS 923 – Five-Hole Double Wing Connector



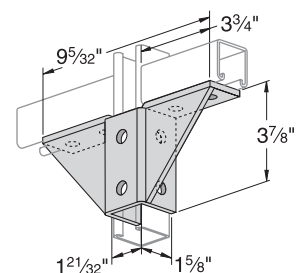
Weight/100 pcs: 93 lbs.

CS 821 – Eight-Hole Double Wing Connector



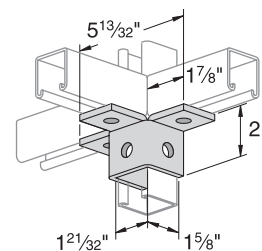
Weight/100 pcs: 150 lbs.

CS 945 – Ten-Hole Gussetted Double Wing Connector



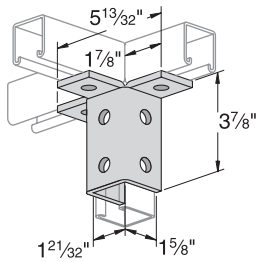
Weight/100 pcs: 274 lbs.

CS 668 – Six-Hole Triple Wing Connector



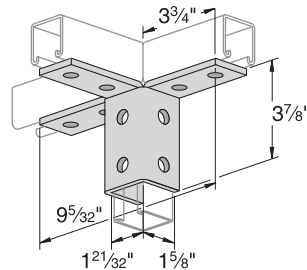
Weight/100 pcs: 113 lbs.

CS 670 – Nine-Hole Triple Wing Connector



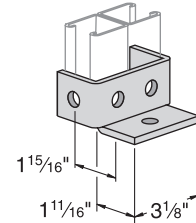
Weight/100 pcs: 177 lbs.

CS 669 – Twelve-Hole Triple Wing Connector



Weight/100 pcs: 230 lbs.

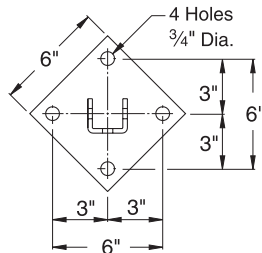
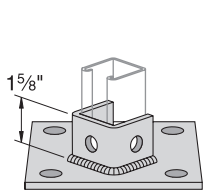
CS 3041 – Double-Column Post Base



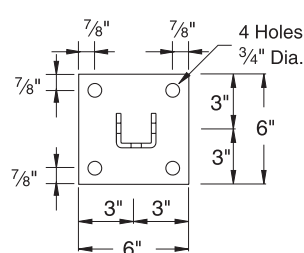
Use With: CS 100, CS 200 2T3, and CS 210 2T3.

Weight/100 pcs: 116 lbs

CS 3013, 3013 SQ – Post Base



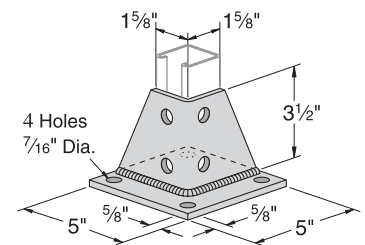
(CS 3013)



(CS 3013 SQ)

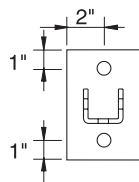
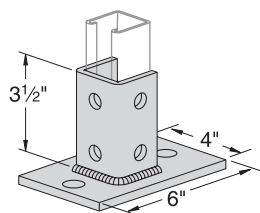
Weight/100 pcs: 307 lbs.

CS 3040 – Post Base

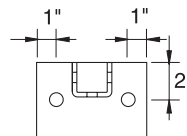


Weight/100 pcs: 297 lbs.

CS 3025, CS 3025 FL – Post Base



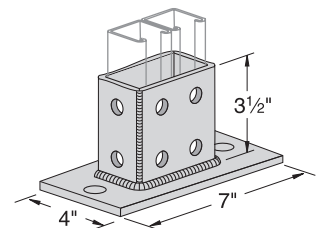
(CS 3025)



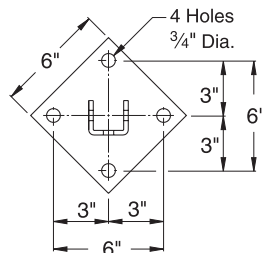
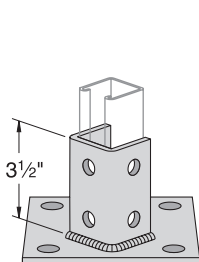
(CS 3025 FL)

Weight/100 pcs: 358 lbs.

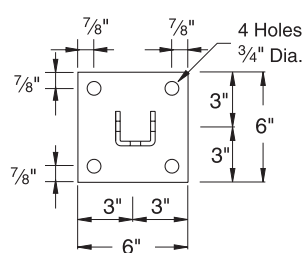
CS 2064 – Double-Column Post Base



CS 3033, CS 3033 SQ – Post Base

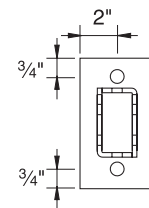


(CS 3033)



(CS 3033 SQ)

Weight/100 pcs: 373 lbs.



Use With: CS 100, CS 200 2T2, CS 200 2T3, CS 200 2T4 and CS 200 2T5

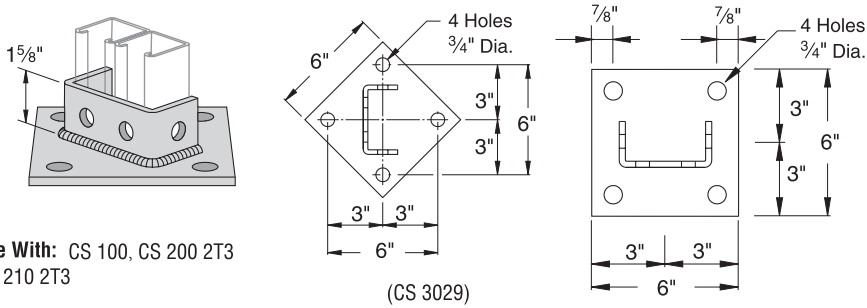
Weight/100 pcs: 311 lbs.

FITTINGS

Finish: Painted Green or Electro-galvanized **Order By:** No., Size and Finish



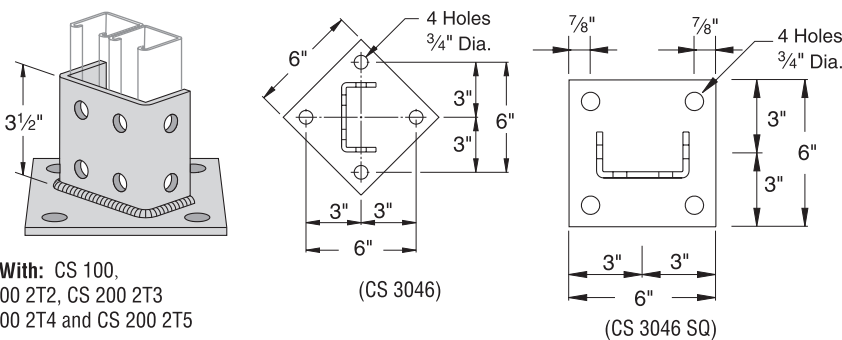
CS 3029 – Double-Column Post Base



Use With: CS 100, CS 200 2T3
CS 210 2T3

Weight/100 pcs: 325 lbs.

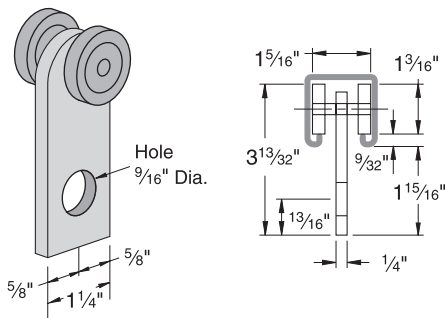
CS 3064 – Double-Column Post Base



Use With: CS 100,
CS 200 2T2, CS 200 2T3
CS 200 2T4 and CS 200 2T5

Weight/100 pcs: 408 lbs.

CS 2521 – Two-Wheel Trolley



Weight/100 pcs: 46 lbs.

Material: Carbon Steel Wheels have stainless steel ball bearings

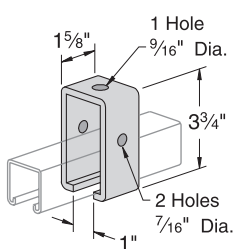
Finish: Electro-Galvanized

Use With: CS 200

Load Rating: 300 lbs.

FPM	RPM	Design Load In PS 200 Lbs
180	600	150
90	300	225
30	100	437

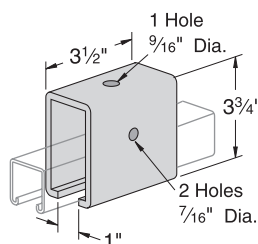
CS 2528 – Trolley Beam Standard Support



Use With:
CS 200, CS 210
Load Rating:
600 lbs.

Weight/100 pcs: 102 lbs.

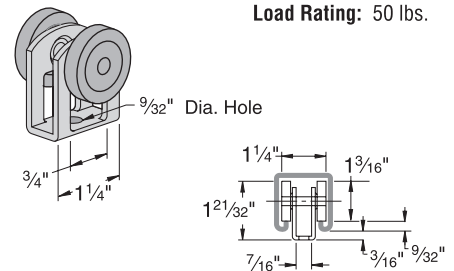
CS 2528 1 – Trolley Beam Heavy Support and Track Joiner



Use With:
CS 200, CS 210
Load Rating:
2,500 lbs.

Weight/100 pcs: 220 lbs.

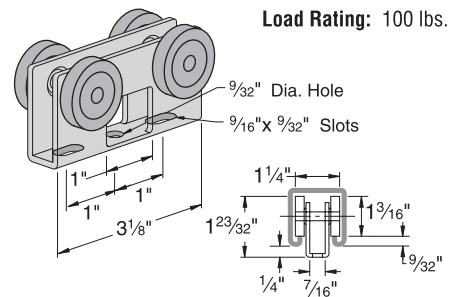
CS 2524 – Two-Bearing Light Duty Trolley



Load Rating: 50 lbs.

Weight/100 pcs: 21 lbs.

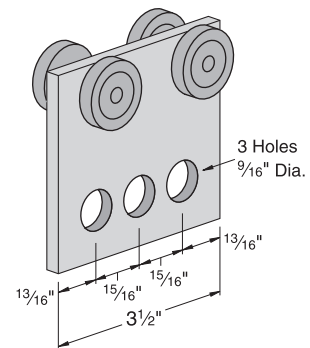
CS 2525 – Four-Bearing Light Duty Trolley



Load Rating: 100 lbs.

Weight/100 pcs: 55 lbs.

CS 2522 – Four-Wheel Trolley



Material:

Carbon Steel Wheels have stainless steel ball bearings

Finish: Electro-Galvanized

Use With: CS 200

Load Rating: 600 lbs.

FPM	RPM	Design Load In PS 200 Lbs
180	600	300
90	300	450
30	100	600

Weight/100 pcs: 110 lbs.



PIPE & CONDUIT CLAMPS

Strut pipe, conduit and O.D. tubing clamps are formed in punch press dies in a wide selection of sizes to meet every requirement.

MATERIAL:

Chanov-Strut pipe, conduit and O.D. tubing clamps are made on punch press dies from hot rolled, pickled and oiled steel which conforms to the ASTM A-1008, A-1011 SS, A-575 and A-576 standards. Select sizes of O.D. tubing clamps are available in stainless steel or aluminum.

STANDARD FINISH:

All steel clamps are electro-galvanized. Select sizes of O.D. tubing clamps are available in copper plated finish. PVC coatings are available upon special request.

ORDERING INFORMATION:

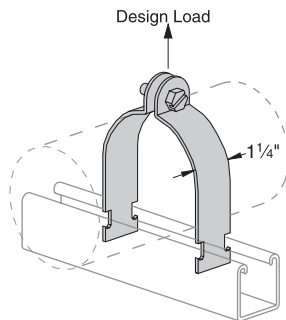
When ordering, add the length or size and finish to the part number.

PIPE & CONDUIT CLAMPS

Finish: Electro-galvanized Order By: No. and Finish



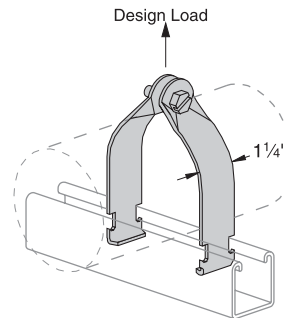
CS 1000 – EMT Conduit Clamp



NOTE: For EMT larger than 2" use CS 1100

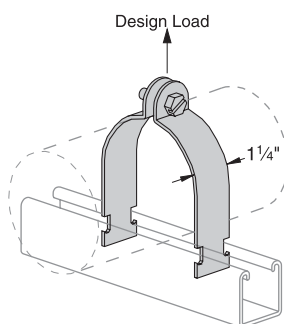
EMT Size	Stock Thickness	Hanging Load Rating/lbs.	Wt./ 100 pcs
1/2"	.060	400	11
3/4"	.060	400	12
1"	.075	600	15
1 1/4"	.075	600	18
1 1/2"	.105	800	29
2"	.105	800	33

CS 1300 – Universal Clamp for EMT, IMC & GRC



Nom Size	Fits O.D.	Stock Thickness	Hanging Load Rating/lbs.	Wt./ 100 pcs
1/2"	.706-.840	.060	250	10
3/4"	.922-1.050	.060	400	11
1"	1.163-1.315	.060	400	12
1 1/4"	1.510-1.660	.075	400	18
1 1/2"	1.740-1.900	.075	500	20
2"	2.197-2.375	.075	500	22

CS 1100, CS 1116, CS 1117 – Standard Pipe Clamp (GRC, IMC and SCH 40/SCH 80 steel pipe)

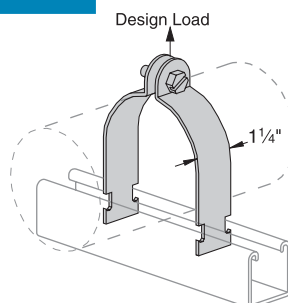


Material and finish are specified as:

- 1100 ALM** .. Alum. clamp, EG fasteners
- 1100 HDG** .. HDG Clamp, Stainless Steel fasteners
- 1116** Alum. clamp and fasteners
- 1117** Alum. clamp, Stainless Steel fasteners
- 1100SS** Stainless Steel clamp and fasteners

Pipe Size	Stock Thickness	Hanging Load Rating/lbs.	Wt./ 100 pcs
3/8"	.060	400	10
1/2"	.060	400	11
3/4"	.075	600	15
1"	.075	600	17
1 1/4"	.075	600	19
1 1/2"	.105	800	29
2"	.105	800	34
2 1/2"	.105	800	40
3"	.105	800	47
3 1/2"	.125	1,000	62
4"	.125	1,000	67
5"	.125	1,000	80
6"	.135	1,000	102
8"	.135	1,000	130
10"	.135	1,000	143
12"	.135	1,000	174

CS 1200 – O.D. Tubing Clamp



O.D. Size	Stock Thickness	Hanging Load Rating/lbs.	Wt./ 100 pcs	Other Finishes Available	
1/4"	.060	400	8		
3/8"	.060	400	8	CPLT	
1/2"	.060	400	9	CPLT	
5/8"	.060	400	10	CPLT	
3/4"	.060	400	11		
7/8"	.060	400	12	CPLT	
1"	.075	600	14		
1 1/8"	.075	600	15	SS	CPLT
1 1/4"	.075	600	16	SS	
1 3/8"	.075	600	17	SS	CPLT
1 1/2"	.075	600	18	SS	
1 5/8"	.075	600	19	SS	CPLT
1 3/4"	.105	800	29	SS	
1 7/8"	.105	800	28	SS	
2"	.105	800	31	SS	
2 1/8"	.105	800	32	SS	CPLT
2 1/4"	.105	800	33	SS	
2 3/8"	.105	800	34	SS	
2 1/2"	.105	800	35	SS	
2 5/8"	.105	800	37	SS	CPLT
2 3/4"	.105	800	38	SS	
2 7/8"	.105	800	40	SS	
3"	.105	800	41	SS	
3 1/8"	.105	800	43	SS	CPLT
3 1/4"	.105	800	45	SS	
3 3/8"	.105	800	46	SS	
3 1/2"	.105	800	47	SS	
3 5/8"	.105	800	56	SS	CPLT
3 3/4"	.105	800	58	SS	
3 7/8"	.125	1,000	60	SS	
4"	.125	1,000	62	SS	
4 1/8"	.125	1,000	62	SS	CPLT
4 1/4"	.125	1,000	64	SS	
4 3/8"	.125	1,000	66	SS	
4 1/2"	.125	1,000	67	SS	

O.D. Size	Stock Thickness	Hanging Load Rating/lbs.	Wt./ 100 pcs
4 5/8"	.125	1,000	70
4 3/4"	.125	1,000	72
4 7/8"	.125	1,000	73
5"	.125	1,000	74
5 1/8"	.125	1,000	76
5 1/4"	.125	1,000	77
5 3/8"	.125	1,000	78
5 1/2"	.125	1,000	79
5 5/8"	.135	1,000	88
5 3/4"	.135	1,000	90
5 7/8"	.135	1,000	92
6"	.135	1,000	94
6 1/8"	.135	1,000	96
6 1/4"	.135	1,000	98
6 3/8"	.135	1,000	99
6 1/2"	.135	1,000	100
6 5/8"	.135	1,000	102
6 3/4"	.135	1,000	104
6 7/8"	.135	1,000	106
7"	.135	1,000	108
7 1/8"	.135	1,000	110
7 1/4"	.135	1,000	112
7 3/8"	.135	1,000	114
7 1/2"	.135	1,000	116
7 5/8"	.135	1,000	117
7 3/4"	.135	1,000	119
7 7/8"	.135	1,000	121
8"	.135	1,000	123
8 1/8"	.135	1,000	125
8 1/4"	.135	1,000	126
8 3/8"	.135	1,000	128
8 1/2"	.135	1,000	129
8 5/8"	.135	1,000	130

Please contact factory for sizes not shown.

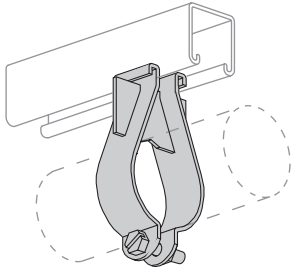
NOTE: SS - Stainless Steel
CPLT - Copper Plated

PIPE & CONDUIT CLAMPS

Finish: Electro-galvanized Order By: No. and Finish

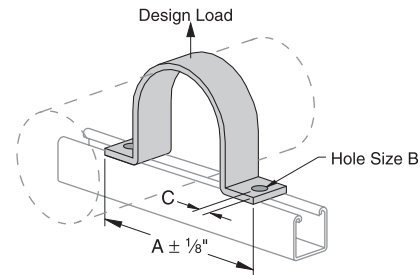


CS 3138 – Parallel Run Pipe Clamp



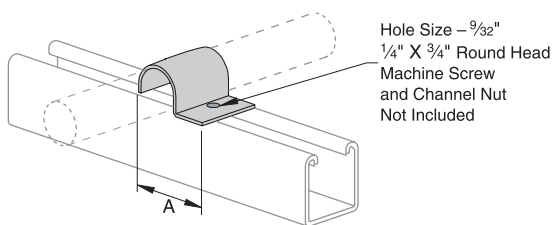
Pipe Size	Load Rating	Wt./ 100 pcs
3/8"	300	27
1/2"	300	29
3/4"	300	30
1"	400	31
1 1/4"	400	38
1 1/2"	500	40
2"	500	47
2 1/2"	500	66
3"	500	78
3 1/2"	500	87
4"	500	90

CS 3126 – One-Piece Pipe Strap



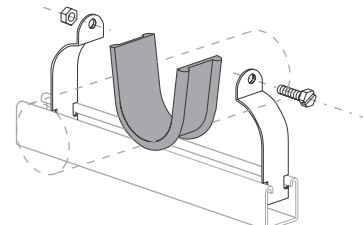
Pipe Size	A	B	C	Design Load	Wt./ 100 pcs
1/2"	2 7/8"	9/32"	7/16"	500	23
3/4"	3 1/8"	9/32"	7/16"	500	26
1"	3 3/8"	9/32"	7/16"	500	31
1 1/4"	3 3/4"	9/32"	7/16"	500	35
1 1/2"	3 7/8"	9/32"	7/16"	500	39
2"	5 3/4"	7/16"	1 1/16"	1,000	94
2 1/2"	6 1/4"	7/16"	1 1/16"	1,000	114
3"	6 7/8"	7/16"	1 1/16"	1,000	133
3 1/2"	7 3/8"	7/16"	1 1/16"	1,000	152
4"	7 7/8"	7/16"	1 1/16"	1,000	176
5"	9"	7/16"	1 1/16"	1,000	198
6"	10"	7/16"	1 1/16"	1,000	225

CS 1450 – One-Hole Clamp for O.D. Tubing



O.D. Size	A	Thickness Gages	Wt./ 100 pcs
1/4"	1 3/16"	16	4
3/8"	1 5/16"	16	5
1/2"	1 7/16"	16	6
5/8"	1 5/8"	14	8
3/4"	1 3/4"	14	9
7/8"	1 7/8"	14	10
1"	2"	14	11

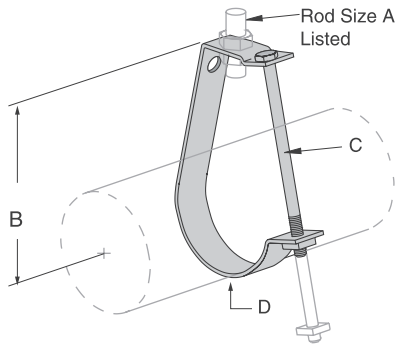
CS 3792 – Power-Wrap™



Material: EPDM
Stock Thickness: 1/8"
Stock Length: 25 ft./box
Service Temp: -70° to 350° F

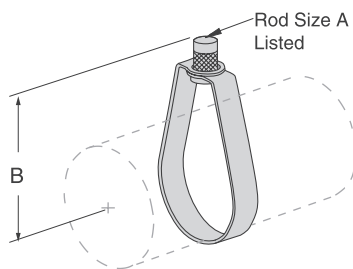
Weight/100 boxes: 253 lbs.

CS 67 – Pipe or Conduit Hanger



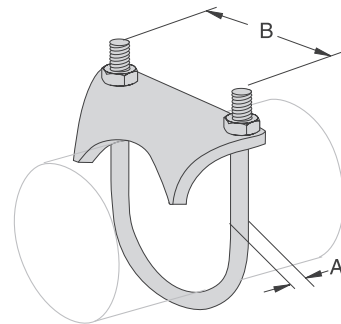
Conduit Size	A Rod Size	B	C	D	Load Rating	Wt./ 100 pcs
1/2"	3/8"	1 3/4"	1/4 x 2 1/4"	1/8 x 3/4"	300	20
3/4"	3/8"	1 7/8"	1/4 x 2 1/4"	1/8 x 3/4"	300	21
1"	3/8"	2 1/4"	1/4 x 2 3/4"	1/8 x 3/4"	300	24
1 1/4"	3/8"	2 3/4"	1/4 x 3 1/4"	1/8 x 3/4"	300	27
1 1/2"	3/8"	3"	1/4 x 3 1/2"	1/8 x 3/4"	300	29
2"	3/8"	3 3/8"	1/4 x 4"	1/8 x 3/4"	300	33
2 1/2"	1/2"	4"	3/8 x 4 1/2"	1/8 x 1 1/4"	500	71
3"	1/2"	4 1/4"	3/8 x 5"	1/8 x 1 1/4"	500	78
3 1/2"	1/2"	4 3/4"	3/8 x 5 1/2"	1/8 x 1 1/4"	500	85
4"	5/8"	5 1/2"	3/8 x 6 1/2"	1/4 x 1 1/4"	600	178
5"	5/8"	6"	3/8 x 7 1/2"	1/4 x 1 1/4"	600	199
6"	3/4"	7"	3/8 x 8 1/2"	1/4 x 1 1/4"	600	231
8"	7/8"	10"	3/8 x 12"	1/4 x 2"	700	449

CS 69 – E-Z Grip Hanger



Size	A Rod Size	B	Load Rating Lbs/650	Wt./ 100 pcs
1/2"	3/8"	2 1/4"	300	9
3/4"	3/8"	2 5/16"	300	9
1"	3/8"	2 7/16"	300	10
1 1/4"	3/8"	2 5/8"	300	10
1 1/2"	3/8"	2 3/4"	300	110
2"	3/8"	3 1/4"	300	11
2 1/2"	3/8"	4"	525	25
3"	3/8"	4 3/8"	525	27
4"	3/8"	4 11/16"	600	48
5"	1/2"	5 5/16"	1000	53
6"	1/2"	6 7/16"	1000	100
7"	1/2"	8"	1000	100

CS 51 – Right Angle Pipe or Conduit Clamp



Size	A Diameter	B	Wt./ 100 pcs
3/8"	5/16"	1 5/16"	25
1/2"	5/16"	1 3/16"	41
3/4"	5/16"	1 7/16"	42
1"	5/16"	1 11/16"	47
1 1/4"	5/16"	2"	54
1 1/2"	5/16"	2 5/16"	57
2"	3/8"	2 3/16"	85
2 1/2"	3/8"	3 3/8"	106
3"	3/8"	4 1/8"	110
3 1/2"	3/8"	4 5/8"	128
4"	3/8"	5 1/8"	140

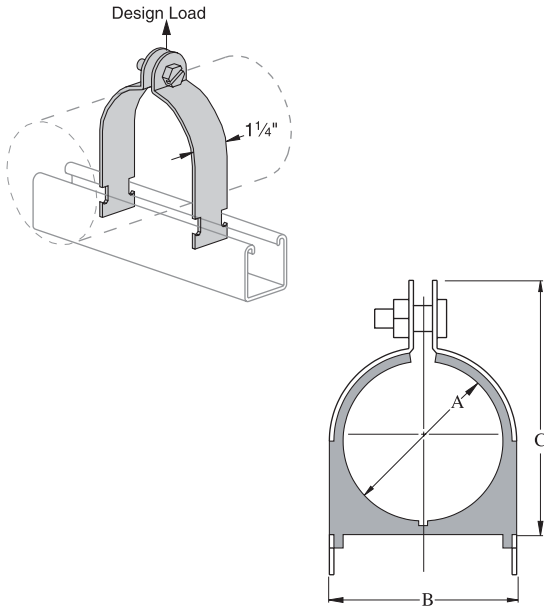
Material: Malleable Iron

PIPE & CONDUIT CLAMPS

Finish: Electro-galvanized Order By: No. and Finish



CS 004T – CS 106N – Cush-a-Clamp Assembly Pipe & Tube Series



Clamp: Electro-galvanized or stainless steel

Cushion: Thermoplastic elastomer resistant to the effects of most oils, chemicals and industrial cleaning compounds in temperatures from -50°F to 275°F.

Includes: Cushion, Clamp and Hardware

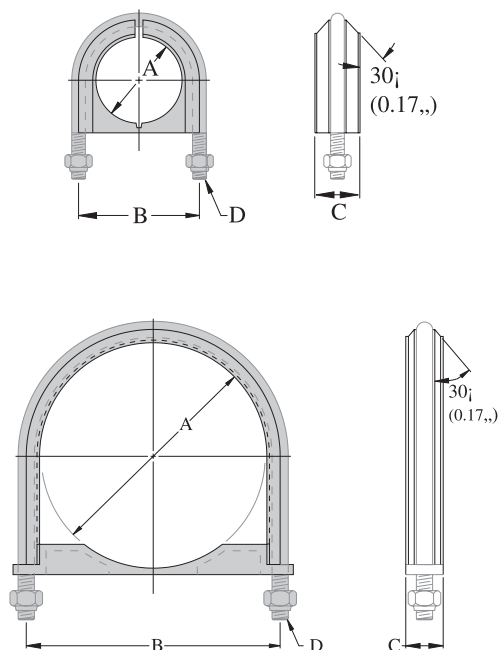
Pipe Series

Part No.	Pipe Size (Nominal)	Dimensions			Wt./100
		A	B	C	
CS 009N	1/4"	0.54	0.98	1.34	13
CS 011N	3/8"	0.67	1.13	1.54	14
CS 014N	1/2"	0.84	1.29	1.82	15
CS 017N	3/4"	1.05	1.50	2.08	17
CS 021N	1"	1.31	1.76	2.34	19
CS 027N	1 1/4"	1.66	2.17	2.73	35
CS 030N	1 1/2"	1.90	2.35	2.86	41
CS 038N	2"	2.37	2.82	3.67	49
CS 046N	2 1/2"	2.87	3.32	4.17	57
CS 056N	3"	3.50	3.95	4.79	55
CS 064N	3 1/2"	4.00	4.45	5.42	88
CS 072N	4"	4.50	4.95	5.92	110
CS 089N	5"	5.56	6.01	6.92	130
CS 106N	6"	6.62	7.07	8.23	140

Tube Series

Part No.	Copper & Steel Tube O. D. Size	Copper Water Pipe (Nominal)	Dimensions			Wt./100
			A	B	C	
CS 004T	1/4"		0.25	0.62	0.98	10
CS 006T	3/8"	1/4"	0.37	0.82	1.13	11
CS 008T	1/2"	3/8"	0.50	0.94	1.34	13
CS 010T	5/8"	1/2"	0.62	1.06	1.54	14
CS 012T	3/4"	5/8"	0.75	1.2	1.68	14
CS 014T	7/8"	3/4"	0.87	1.31	1.82	15
CS 016T	1"		1.00	1.44	1.95	17
CS 018T	1 1/8"	1"	1.12	1.57	2.08	18
CS 020T	1 1/4"		1.25	1.70	2.21	18
CS 022T	1 3/8"	1 1/4"	1.37	1.82	2.34	20
CS 024N	1 1/2"		1.50	1.95	2.47	33
CS 026N	1 5/8"	1 1/2"	1.62	2.07	2.60	35
CS 028N	1 3/4"		1.75	2.20	2.73	37
CS 030N	1 7/8"		1.87	2.32	2.86	39
CS 032N	2"		2.00	2.45	3.04	41
CS 034N	2 1/8"		2.12	2.57	3.23	46
CS 038N	2 3/8"		2.37	2.82	3.67	47
CS 040N	2 1/2"		2.50	2.94	3.79	49
CS 042N	2 5/8"		2.62	3.07	3.92	51
CS 046N	2 7/8"		2.87	3.32	4.17	55
CS 048N	3"		3.00	3.57	4.42	57
CS 050N	3 1/8"		3.12	3.57	4.42	60
CS 056N	3 1/2"		3.50	3.95	4.79	55
CS 058N	3 5/8"		3.62	4.2	5.11	70
CS 064N	4"		4.00	4.45	5.42	88
CS 066N	4 1/8"		4.12	4.57	5.54	94
CS 072N	4 1/2"		4.50	4.95	5.92	110
CS 082N	5 1/8"		5.12	5.57	6.54	125
CS 098N	6 1/8"		6.12	6.57	7.54	130

CS UB 1/2 – CS UB 10 – Cush-a-Clamp Assembly U-Bolt Series



PART NO.	PIPE SIZE	Dimensions				Wt./ 100 Pcs
		A	B	C	D	
CS UB 1/2	1/2"	0.84	1.60	0.68	1/4-20 UNC-2B	9
CS UB 3/4	3/4"	1.05	1.80	0.68	1/4-20 UNC-2B	10
CS UB 1	1"	1.31	2.05	0.68	1/4-20 UNC-2B	12
CS UB 1 1/4	1 1/4"	1.66	2.55	1.24	3/8-16 UNC-2B	32
CS UB 1 1/2	1 1/2"	1.90	2.80	1.24	3/8-16 UNC-2B	36
CS UB 2	2"	2.37	3.35	1.24	3/8-16 UNC-2B	42
CS UB 2 1/2	2 1/2"	2.87	3.90	1.24	1/2-13 UNC-2B	72
CS UB 3	3"	3.50	4.55	1.24	1/2-13 UNC-2B	84
CS UB 3 1/2	3 1/2"	4.00	5.05	1.24	1/2-13 UNC-2B	93
CS UB 4	4"	4.50	5.50	1.24	1/2-13 UNC-2B	102
CS UB 5	5"	5.56	6.56	1.24	1/2-13 UNC-2B	123
CS UB 6	6"	6.62	7.75	1.44	5/8-11 UNC-2B	243
CS UB 8	8"	8.62	9.82	1.44	5/8-11 UNC-2B	293
CS UB 10	10"	10.75	12.16	1.65	3/4-10 UNC-2B	492

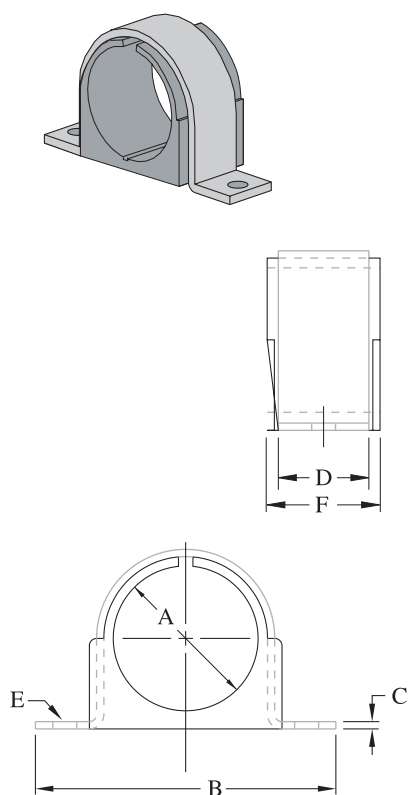
Includes U-bolt, cushion, and hardware.

Materials: U-Bolt: Electrogalvanized finish or Type 316 SS

Cushion: Thermoplastic elastomer

Note: Not intended for use with metal framing components due to the length of the thread.

CS 004M – CS 038M – Cush-a-Clamp Assembly Omega Series



PART NO.	Copper Tubing O.D. SIZE	Water Pipe (Nominal)	Pipe Size (Nominal)	Dimensions						Wt./ 100 Pcs
				A	B	C	D	E	F	
CS 004M	1/4"			0.25	1.81	0.06	0.62	0.20	0.78	3.4
CS 006M	3/8"	1/4		0.37	1.90	0.06	0.62	0.20	0.81	4.0
CS 008M	1/2"	3/8	1/4"	0.50	2.20	0.06	0.75	0.26	0.98	5.5
CS 010M	5/8"	1/2	3/8"	0.62	2.32	0.06	0.75	0.26	0.98	6.0
CS 012M	3/4"	5/8		0.75	2.41	0.06	0.75	0.26	0.98	6.5
CS 014M	7/8"	3/4	1/2"	0.87	2.56	0.06	0.75	0.26	0.98	7.1
CS 016M	1"			1.00	2.68	0.06	0.75	0.26	0.98	7.8
CS 018M20			3/4"	1.05	2.68	0.06	0.75	0.26	0.98	8.1
CS 018M21	1 1/8"	1		1.12	2.82	0.06	0.75	0.26	0.98	8.4
CS 020M	1 1/4"			1.25	3.00	0.08	1.25	0.26	1.56	17
CS 021M			1"	1.31	3.12	0.08	1.25	0.26	1.56	20
CS 022M	1 3/8"	1 1/4		1.37	3.12	0.08	1.25	0.26	1.56	19
CS 024M	1 1/2"			1.50	3.65	0.08	1.25	0.26	1.56	20
CS 026M	1 5/8"	1 1/2		1.62	3.77	0.08	1.25	0.26	1.56	23
CS 027M			1 1/4"	1.66	3.90	0.10	1.25	0.33	1.56	32
CS 028M	1 3/4"			1.75	3.90	0.10	1.25	0.33	1.56	32
CS 030M	1 7/8"		1 1/2"	1.87	4.02	0.10	1.25	0.33	1.56	34
CS 032M	2"			2.00	4.15	0.10	1.25	0.33	1.56	36
CS 034M	2 1/8"			2.12	4.40	0.10	1.25	0.33	1.56	41
CS 038M			2"	2.37	4.71	0.10	1.25	0.33	1.56	44

Includes clamp and cushion.

Materials: Clamp: ZD or Stainless Steel

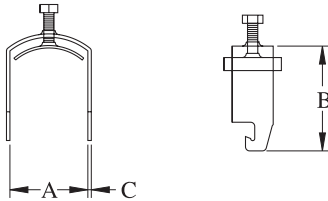
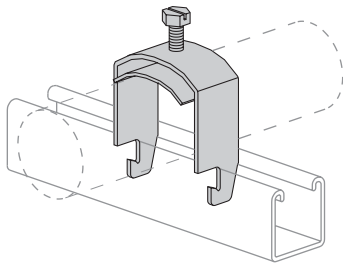
Cushion: Thermoplastic elastomer

PIPE & CONDUIT CLAMPS

Finish: Electro-galvanized Order By: No. and Finish



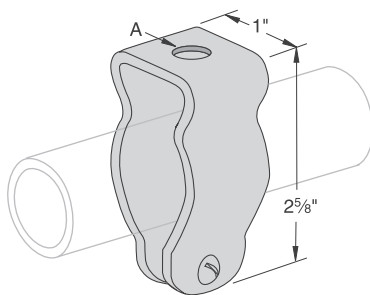
CS 3101 thru CS 3115 – One-Piece cable & Conduit Clamp



Part No.	Max O.D. Size	A	B	C	Wt/ 100 pcs
CS 3101	3/8"	7/16"	1 5/8"	14	6
CS 3102	1/2"	9/16"	1 3/4"	14	7
CS 3103	3/4"	1 3/16"	2"	14	12
CS 3104	1"	1 1/16"	2 1/4"	14	15
CS 3105	1 1/4"	1 5/16"	2 1/2"	14	19
CS 3106	1 1/2"	1 9/16"	2 3/4"	14	20
CS 3107	1 3/4"	1 13/16"	3"	12	25
CS 3108	2"	2 1/16"	3 1/4"	12	35
CS 3109	2 3/8"	2 7/16"	3 5/8"	12	41
CS 3110	2 3/4"	2 13/16"	4"	12	60
CS 3111	3 1/4"	3 5/16"	4 1/2"	12	74
CS 3112	3 3/4"	3 13/16"	5"	12	91
CS 3113	4"	4 1/16"	5 1/4"	12	100
CS 3114	4 3/8"	4 7/16"	5 5/8"	12	115
CS 3115	4 3/4"	4 13/16"	6"	12	125

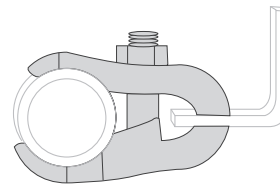
Note: Available in Electro-galvanized steel, Type 304 Stainless Steel or Aluminum

CS 270 – Conduit Clamp



Size	A Diameter	Wt./ 100 pcs
3/8"	1/4"	6
1/2"	1/4"	6
3/4"	1/4"	8
1"	1/4"	9
1 1/4"	1/4"	11
1 1/2"	1/4"	19
2"	1/4"	27

CS 52E – Parallel Pipe and Conduit Clamp



Size	Wt./100 pcs
1/2"	59
3/4"	64
1"	70
1 1/4"	72
1 1/2"	93
2"	128
2 1/2"	135
3"	155
3 1/2"	190
4"	205

Material: Malleable Iron



BRACKETS

Strut channel brackets feature a combination fitting and channel to eliminate field fabrication and speed installation. Shelf, pipe and stair brackets are also available in a variety of sizes.

MATERIAL:

Strut brackets are made by punch press and roll form operations from hot rolled, mild steel.

STANDARD FINISH:

Strut brackets are available in painted green or electro-galva-nized finishes.

ORDERING INFORMATION:

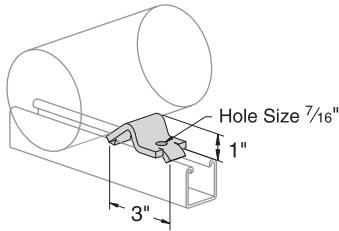
When ordering, add the length or size and finish to the part number.

BRACKETS

Finish: Painted Green, or Electro-galvanized Order By: No., Size and Finish



CS 626 – Pipe Stop

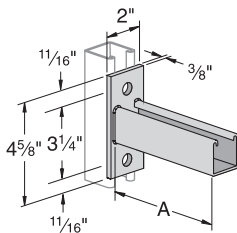


Clamp Requires bolt and channel nut sold separately.

Note: For use with 2" to 8" Pipe

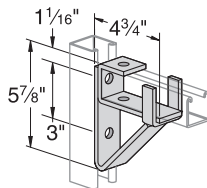
Weight/100 pcs: 40 lbs.

CS 651 – Reversible Channel Bracket



A Size	Uniform Load*	Wt./100 pcs
6"	1,200	185
12"	600	293
18"	400	401
24"	300	509
*Mounted on 12 Ga. Channel		

CS 708 – Single Channel Bracket Support



Use With: CS 200,
CS 210,
CS 500 2T3

Design Moment on Upright Channel:

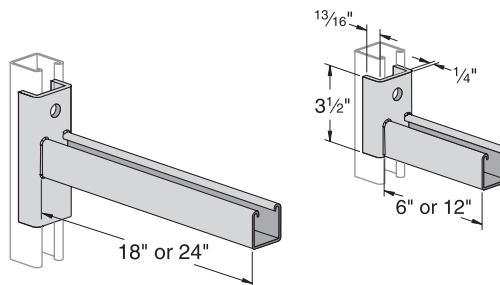
16 ga. channel 3,200 in.-lbs.,
14 ga. channel 4,400 in.-lbs.,
12 ga. channel 5,100 in.-lbs.

Note:

Moment is for fitting only.
Channel may determine overall capacity.

Weight/100 pcs: 235 lbs.

CS 661 T1, CS 661 T2 – Wrap-Around Channel Bracket



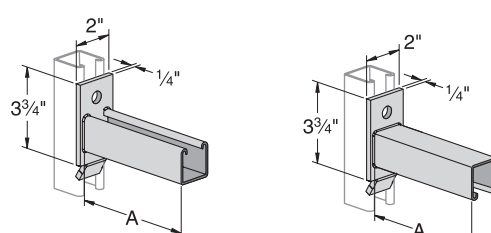
Note:

CS 661 T1 (Slot up) illustrated

CS 661 T2 (Slot down) not shown

Size	Uniform Load*	Wt./100 pcs
6"	1,600	191
12"	800	292
18"	600	436
24"	450	536
*Mounted on 12 Ga. Channel		

CS 808 T1, CS 808 T2 – Interlocking Channel Bracket

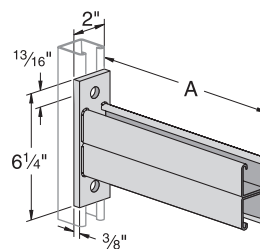


(CS 808 T1 -Slot Up)

(CS 808 T2 -Slot Down)

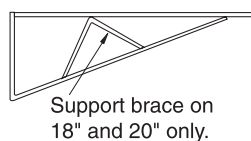
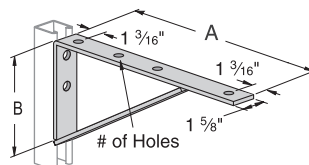
A Size	Uniform Load*	Wt./100 pcs
6"	1,200	161
12"	600	261
18"	400	361
24"	300	461
*Mounted on 12 Ga. Channel		

CS 809 – Double Channel Bracket



A Size	Uniform Load*	Wt./100 pcs
12"	2,000	502
18"	1,300	692
24"	1,000	882
30"	800	1,072
36"	650	1,262
*Mounted on 12 Ga. Channel		

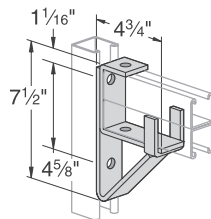
CS 732 – Shelf Bracket



Support brace on
18" and 20" only.

Size	A	B	# of Holes	Uniform Load*	Wt./100 pcs
8"	8 1/2"	4"	2	800	168
10"	10 1/2"		3		202
12"	12 1/2"	6"	4	900	258
14"	14 1/2"		4		292
16"	16 1/2"		4	1,200	381
18"	18 1/2"		4		416
20"	20 1/2"		4	1,000	461
*Mounted on 12 ga. channel					

CS 3164 – Double Channel Bracket Support



Use With: CS 200 2T3,
CS 210 2T3

Design Moment on Upright Channel:

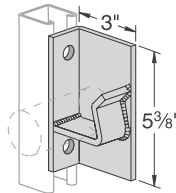
16 ga. channel 6,500 in.-lbs.
14 ga. channel 9,100 in.-lbs.
12 ga. channel 13,000 in.-lbs.

Note:

Moment is for fitting only.
Channel may determine overall capacity.

Weight/100 pcs: 273 lbs.

CS 825 R or L – Single Pipe Axle Support



Right Hand Illustrated

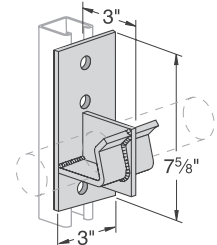
Load Rating: 2,000 lbs.

Note:

Specify R (Right) or L (Left) when ordering.

Weight/100 pcs.: 220 lbs.

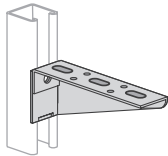
CS 826 – Double Pipe Axle Support



Load Rating: 4,000 lbs.

Weight/100 pcs.: 310 lbs.

CS 838 R or L – Shelf Bracket



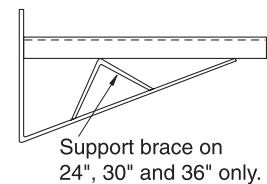
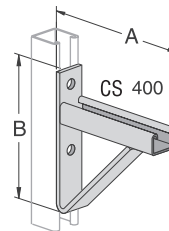
Stock Thickness: .105

Note: Specify
R (Right) or L (Left)
when ordering.
Right Hand Illustrated

Uniform Load Rating:
275 Lbs. when mounted
on 12 ga. channel.

A Size	Stamped Ident. No.	B	Wt./100 pcs
6"	121892	1 15/16"	58
8"	121893	2 7/16"	83
10"	121894	2 15/16"	114
12"	121895	3 7/16"	49
14"	121896	3 15/16"	174
16"	121897	4 7/16"	225
18"	121898	4 15/16"	255
20"	121899	5 7/16"	295
22"	121900	5 15/16"	361
24"	121901	6 7/16"	396
26"	121902	6 15/16"	456
28"	121903	7 7/16"	479
30"	121904	7 15/16"	544

CS 3282 – Cable Tray Strut Bracket



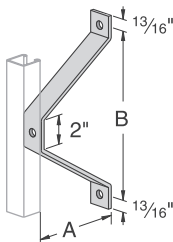
Note:

CS 400 channel welded
to 1/4" stock

A	B	Uniform Load*	Wt./100 pcs
12"	8 3/4"	1,900	388
18"		1,000	506
24"			763
30"	11 1/4"	900	1,012
36"		800	1,083

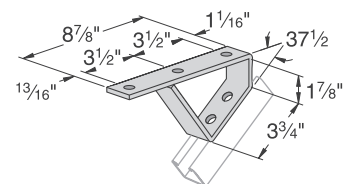
*Mounted on 12 ga. channel.

CS 2404 thru PS 2408 – Wall Ladder Bracket



Part No.	A	B	Wt./100 pcs
CS 2404	2 3/8"	6"	113
CS 2405	4 3/8"	8"	164
CS 2406	6 3/8"	10"	216
CS 2407	8 3/8"	12"	267
CS 2408	10 3/8"	14"	318

CS 2422 – 37 1/2° Degree Stair Tread Support



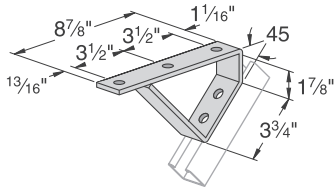
Weight/100 pcs: 213 lbs.

BRACKETS

Finish: Painted Green, or Electro-galvanized Order By: No., Size and Finish

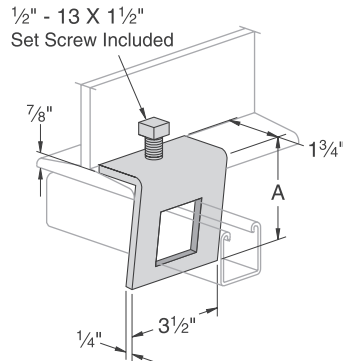


CS 2421 – 45° Degree Stair Tread Support



Weight/100 pcs: 220 lbs.

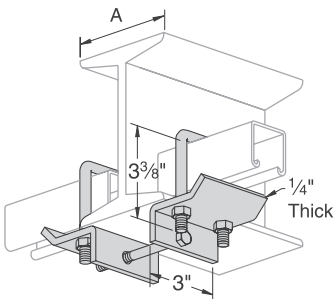
CS 855 – Angular "I" Beam Clamp



Part No.	Use With	A	Load Rating	Wt./100 pcs.
CS 855-1	CS 200, CS 210	3 1/2"	500	107
CS 855-2	CS 500			98

Use in pairs only

CS 2657 – Double U Beam Clamp



Specify 6" or 12" max. flange width (Example: CS 2657 T1-6")

T1 Use with:

CS 200, CS 210, CS 300, CS 400, CS 500, CS 520

T2 Use with:

CS 100, CS 150, CS 200 2T3

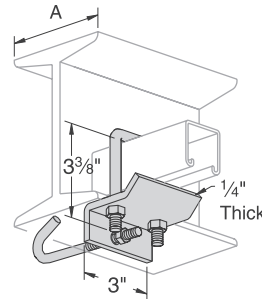
T3 Use with:

CS 150 2T3, CS 100 2T3

Part No.	"A" Beam Flange Width
CS 2657 T1-6	4" - 6"
CS 2657 T1-9	6" - 9"
CS 2657 T1-12	9" - 12"
CS 2657 T1-15	12" - 15"
CS 2657 T1-18	15" - 18"
CS 2657 T2-6	4" - 6"
CS 2657 T2-9	6" - 9"
CS 2657 T2-12	9" - 12"
CS 2657 T2-15	12" - 15"
CS 2657 T2-18	15" - 18"
CS 2657 T3-6	4" - 6"
CS 2657 T3-9	6" - 9"
CS 2657 T3-12	9" - 12"
CS 2657 T3-15	12" - 15"
CS 2657 T3-18	15" - 18"

Weight/100 pcs: 280 lbs.

CS 2656 – U Bolt Beam Clamp With Hook



Specify 6" or 12" max. flange width (Example: CS 2656 T1-6")

T1 Use with:

CS 200, CS 210, CS 300, CS 400, CS 500, CS 520

T2 Use with:

CS 100, CS 150, CS 200 2T3

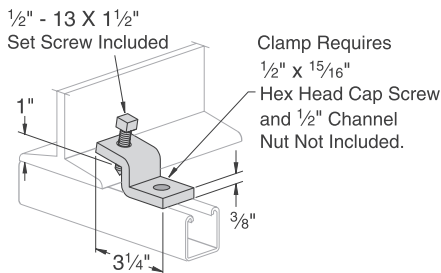
T3 Use with:

CS 150 2T3, CS 100 2T3

Part No.	"A" Beam Flange Width
CS 2656 T1-6	4" - 6"
CS 2656 T1-9	6" - 9"
CS 2656 T1-12	9" - 12"
CS 2656 T1-15	12" - 15"
CS 2656 T1-18	15" - 18"
CS 2656 T2-6	4" - 6"
CS 2656 T2-9	6" - 9"
CS 2656 T2-12	9" - 12"
CS 2656 T2-15	12" - 15"
CS 2656 T2-18	15" - 18"
CS 2656 T3-6	4" - 6"
CS 2656 T3-9	6" - 9"
CS 2656 T3-12	9" - 12"
CS 2656 T3-15	12" - 15"
CS 2656 T3-18	15" - 18"

Weight/100 pcs: 143 lbs.

CS 685 – Beam Clamp



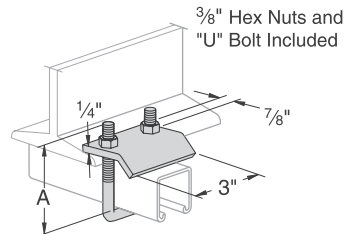
Stock Thickness: 3/8"

Load Rating: 450 lbs.

Use in pairs only

Weight/100 pcs: 63 lbs.

CS 2651 – Beam Clamp



Part No.	Use With	A	Load Rating	Wt./100 pcs.
CS 2651 T1	CS 200, CS 210 CS 300, CS 400 CS 500, CS 520	3 3/8"	1,000	83
CS 2651 T2	CS 100, CS 150 CS 200 2T3	5"		92
CS 2651 T3	CS 150 2T3 CS 100 2T3	8 1/4"		112

Use in pairs only



FASTENERS

Strut Clamping Nuts are cold formed, with two grooves, each with six sharp teeth and then case hardened. These sharp hardened teeth bite into the inturned edges of the Channov-Strut channel forming a strong vise-like connection giving greater strength and resistance to slippage.

MATERIAL:

Channel clamping nuts meet ASTM A576 GR1015M, and are case hardened. Hex head bolts meet SAE J429 GR 2. Square and hex nuts meet ASTM A563 GR A.

SCREW THREADS DATA:

All Strut nuts and bolts are manufactured to meet the Unified Screw Threads standard, ANSI B1.1, Coarse Series UNC, class 2.

Continuous Threaded Rod: Meets ASTM A-510.

STANDARD FINISH:

All fasteners have an electro-galvanized finish.

RECOMMENDED BOLT TORQUE:

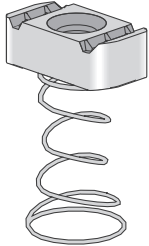
Bolt Size	1/4"-20	5/16"-18	3/8"-16	1/2"-13	5/8"-11	3/4"-10
Rec. Torque Ft/Lbs	6	11	19	50	100	125
Max. Torque Ft/Lbs	7	15	25	70	125	135

FASTENERS

Finish: Electro-galvanized Order By: No., Size and Finish



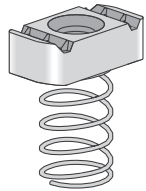
CS LS – Channel Nut with Long Spring



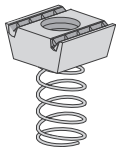
Size	Threads	Wt./100 pcs
1/4"	20	7.5
3/8"	16	10.2
1/2"	13	12.3
5/8"	11	15.8
3/4"	10	14.1

Use With: CS 100 and CS 150 channel.

CS RS – Channel Nut with Long Spring



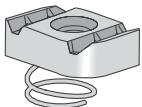
Size	Threads	Wt./100 pcs
#8-32	32	7.0
#10-24	24	7.2
#10-32	32	7.2
1/4"	20	7.1
5/16"	18	7.0
3/8"	16	9.9
1/2"	13	11.9



Size	Threads	Wt./100 pcs
5/8"	11	15.5
3/4"	10	13.8
7/8"	9	14.3

Use With: CS 200, CS 210 and CS 300 channel.

CS SS – Channel Nut with Short Spring

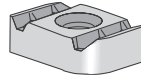


Size	Threads	Wt./100 pcs
#8-32	32	7.0
#10-24	24	7.0
#10-32	32	7.0
1/4"	20	6.9
5/16"	18	6.7
3/8"	16	9.6
1/2"	13*	8.8
5/8"	11*	11.5
3/4"	10*	10.0

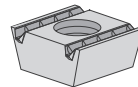
Use With: CS 400, CS 510, CS 520 and CS 560 channel.

* CSSS 1/2" and CS SS 5/8" nuts have 3/8" body thickness.

CS NS – Channel Nut without Spring



Size	Threads	Wt./100 pcs
#8-32	32*	8.0
#10-32		6.6
#10-24	24*	6.7
1/4"	20*	6.6
5/16"	18*	6.4
3/8"	16*	9.3
1/2"	13	11.4



Size	Threads	Wt./100 pcs
5/8"	11	15.2
3/4"	10	13.0
7/8"	9	14.0

Use With: CS 100, CS 150, CS 200, CS 210, and CS 150 channel.

* Can be used with CS 400, CS 500, CS 520 and CS 560 channel.

CS NS S – Shallow Channel Nut without Spring



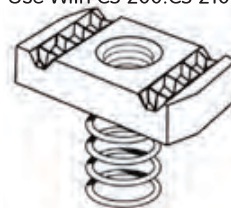
Size	Threads	Wt./100 pcs
1/2"	13	6.9
5/8"	11	9.7
3/4"	10	8.4

Use With: CS 500, CS 520 and CS 560 channel.

CS RS EG,SS,ZTC

CLAMPING NUT WITH REGULAR SPRING

Use With CS 200, CS 210 and CS 300 Channel.



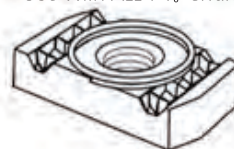
Size	Wt/100 PCS
1/4" x 20	7.1
3/8" x 16	9.9
1/2" x 13	11.9
5/8" x 11	15.5
3/4" x 10	13.8
7/8" x 9	14.3

Std Pkg: 100 - Wt/100 pcs: See chart above.

CS TG EG

TOP GRIP NUT WITH SPRING ON TOP

Use With ALL 1 1/8" Channel

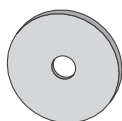


Size	Wt/100 PCS
1/4" x 20	7.0
3/8" x 16	10.0
1/2" x 13	8.0

1/4" x 18 size available as POA.

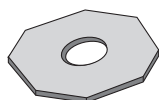
Std Pkg: 100 - Wt/100 pcs: See chart above.

CS 230 – Fender Washer

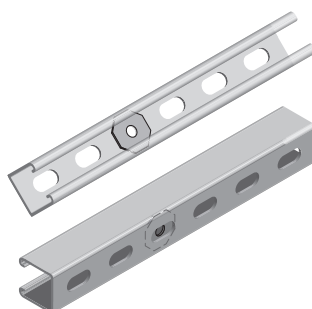


Size	Wt./100 pcs
1/4"	3.3
3/8"	3.0
1/2"	2.8

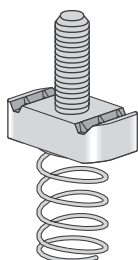
CS 231 – Slot Adapter



Size	Wt./100 pcs
1/4"	1.0
3/8"	1.5



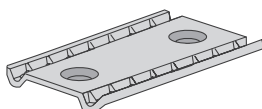
CS 517 – Channel Nut with Stud



Use With: CS 200, CS 210 and CS 300 channel.

Size	Wt./100 pcs
1/4" x 1"	8.1
1/4" x 1 1/4"	8.3
1/4" x 1 1/2"	8.6
1/4" x 2"	9.1
3/8" x 1"	13.0
3/8" x 1 1/4"	14.0
3/8" x 1 1/2"	14.0
3/8" x 2"	15.0
1/2" x 1"	15.0
1/2" x 1 1/4"	16.0
1/2" x 1 1/2"	17.0
1/2" x 2"	19.0

CS 3281 – Double Conveyor Adjusting Nut



Size	Threads	Wt./100 pcs
3/8"	16	17.5

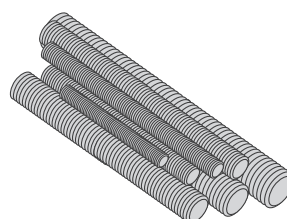
Use With: All 1 5/8" channel.

CS 211 – Lock Washer



Size	Wt./ 100 pcs
1/4"	0.3
3/8"	0.7
1/2"	1.5

CS 146 – Continuous Thread Rod



Finish: Plain or Electro-galvanized

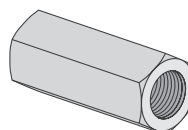
Standard Length: 6' or 10'; Other lengths available

Low Carbon Steel
Fy = 32,000 psi minimum
Ft = 52,000 psi minimum

Rod Size	Wt./100 pcs.		
	6' Lengths	10' Lengths	12' Lengths
1/4"	73	121	146
3/8"	175	292	350
1/2"	319	531	638
5/8"	504	840	1,008
3/4"	740	1,234	1,480

Load Information: See the technical data section, page 158

CS 135 – Rod Coupling



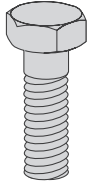
Rod Size	Max Load lbs.	Wt./ 100 pcs.
1/4"	240	2
3/8"	610	9
1/2"	1,130	10
5/8"	1,810	18
3/4"	2,710	28

FASTENERS

Finish: Electro-galvanized Order By: No., Size and Finish

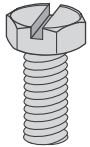


CS 6024 – Hex Head Cap Screw



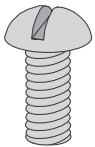
Size	Wt./100 pcs
1/4 x 3/4"	1.5
1/4 x 1"	1.8
1/4 x 1 1/4"	2.1
1/4 x 1 1/2"	2.4
3/8 x 3/4"	3.6
3/8 x 1"	4.2
3/8 x 1 1/4"	4.9
3/8 x 1 1/2"	5.6
3/8 x 2"	7.2
1/2 x 3/4"	8.1
1/2 x 1"	9.2
1/2 x 1 1/4"	10.4
1/2 x 1 1/2"	11.6
1/2 x 1 3/4"	13.0
1/2 x 2"	14.4

CS 6075 – Slotted Hex Head Machine Screw



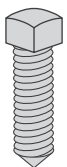
Size	Wt./100 pcs
1/4 x 3/4"	1.7
5/16 x 1"	2.6
5/16 x 1 1/4"	3.0
5/16 x 1 1/2"	3.4
3/8 x 1 1/4"	5.3

CS 6072 – Round Head Machine Screw



Size	Wt./100 pcs
1/4 x 3/4"	1.3
1/4 x 1"	1.6
1/4 x 1 1/4"	1.9
3/8 x 1"	4.4
3/8 x 1 1/4"	5.0
3/8 x 1 1/2"	5.6

CS 6064 – Square Head Cone Point Set Screw



Size	Wt./100 pcs
3/8 x 1 1/2"	4.5
3/8 x 2"	6.1
1/2 x 1 1/2"	8.5
1/2 x 2"	11.4

Hanger rod stiffener assembly for 3/8" thru 5/8" threaded rod.

CS 83 – Hexagon Nut



Size	Wt./100 pcs
1/4"	0.7
3/8"	1.6
1/2"	3.8
5/8"	7.3
3/4"	11.9

CS 6108 – Square Nut



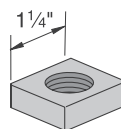
Size	Wt./100 pcs
1/4"	.9
5/16"	1.6
3/8"	2.6
1/2"	5.8

CS 209 – Flat Washer



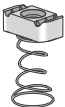








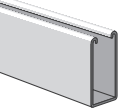
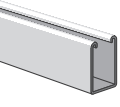
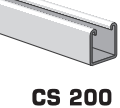
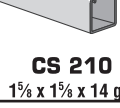
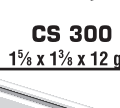
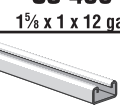
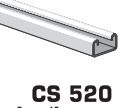
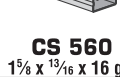
Size Pcs.	Outside Diameter	Wt./100 pcs
1/4"	3/4"	0.7
3/8"	1"	1.5
1/2"	1 3/8"	3.9
5/8"	1 3/4"	7.7
3/4"	2"	11

CS 6112 - Oversize Square Nut



Size	Wt./100 pcs
1/4"-20	13
3/8"-16	14
1/2"-13	14
5/8"-11	12
3/4"-16	11
7/8"-11	10

Channel Nut Selection Chart

<div> <div>Nuts</div> <div>Channel</div> </div>											
 CS 100 1½ x 3¼ x 12 ga.	✓			✓			✓	✓		✓	✓
 CS 150 1½ x 2¼ x 12 ga.	✓			✓			✓	✓		✓	✓
 CS 200 1½ x 1½ x 12 ga.			✓	✓		✓	✓	✓	✓	✓	✓
 CS 210 1½ x 1½ x 14 ga.			✓	✓		✓	✓	✓	✓	✓	✓
 CS 300 1½ x 1½ x 12 ga.			✓	✓		✓	✓	✓	✓	✓	✓
 CS 400 1½ x 1 x 12 ga.		✓		✓	✓		✓	✓		✓	✓
 CS 500 1½ x 1³⁄₁₆ x 14 ga.		✓		✓*	✓		✓	✓		✓	✓
 CS 520 1½ x 1³⁄₁₆ x 12 ga.		✓		✓*	✓		✓	✓		✓	✓
 CS 560 1½ x 1³⁄₁₆ x 16 ga.		✓		✓*	✓		✓	✓		✓	✓

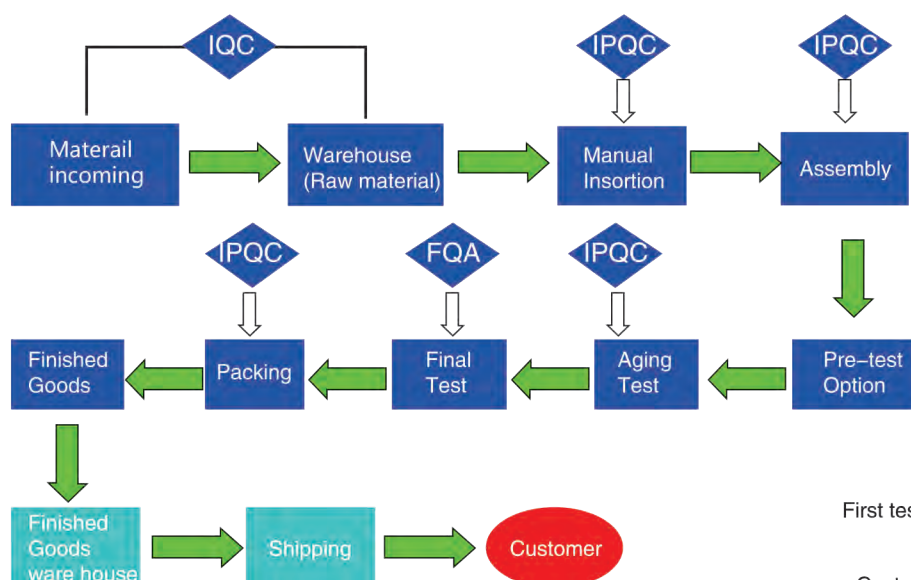
✓ Indicates Nuts To Be Used With The Channel

* ¾" or smaller

材料及表面处理 Material Finished Hardness

Material	No.	材料	Finished	表面处理	Hardness
Carbon Steel	Q235	碳钢	Plain/Self Colour (S/C)	本色	HV100
Carbon Steel	SAE1008	碳钢	Zinc Plated (ZP)	蓝白锌	
Carbon Steel	SAE1010	碳钢	Zinc Yellow (YZP)	五彩锌	HV140
Carbon Steel	SAE1018	碳钢	Zinc CR3+	环保锌	
Carbon Steel	SAE1020	碳钢	Black Oxide (Black)	发黑	HV200
Carbon Steel	SAE1030	中碳钢	Hot Dip Galvanized (HDG)	热镀锌	
Carbon Steel	SAE1045	高碳钢	Nickel	镀镍	HV300
Carbon Steel	SAE1050	高碳钢	Phosphated	磷化处理	
Carbon Steel	SAE1070	高碳钢	Dacrome	达克罗	HRC32~45
Carbon Steel	#65MN	高碳钢	Mechanical Galvanized	机械镀锌	
Stainless Steel	SS304(A2)	不锈钢	Polished	抛光	
Stainless Steel	SS316(A4)	不锈钢	Polished	抛光	
Stainless Steel	SS202	不锈钢	Polished	抛光	
Stainless Steel	SS410	不锈钢	Polished	抛光	

HJ-Strut QCS



Our quality objection
 IQC pass rate $\geq 96.00\%$
 First testing pass rate $\geq 99.00\%$
 FQA pass rate $\geq 98.00\%$
 Customer satisfaction :97.00%



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