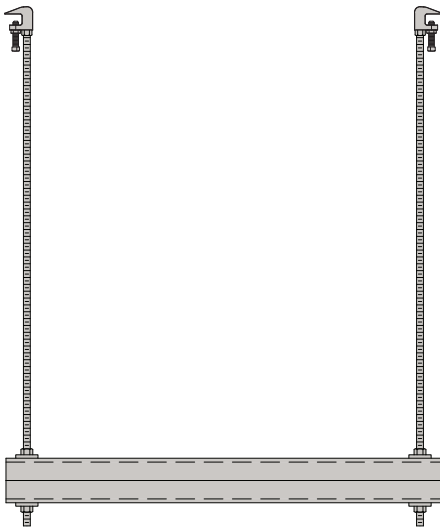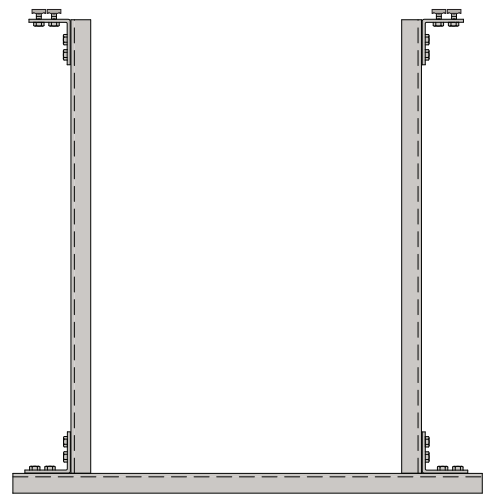# Conduit, Tray, Box Supports and Pre-Populated Strut and Rod Custom Built to Order
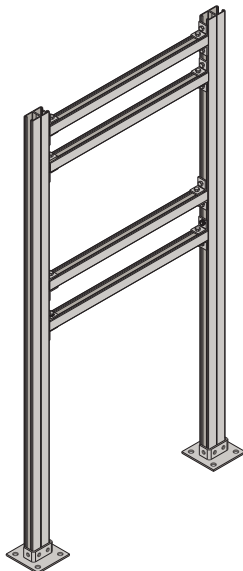
Threaded Rod Trapeze Supports
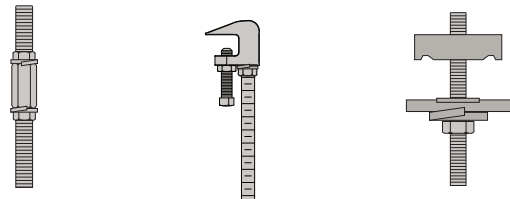
Channel Trapeze Supports

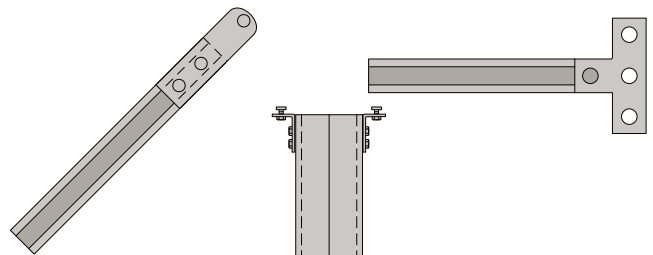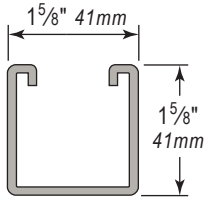**Support Racks**

Pre-Populated Rod

Pre-Populated Strut

Call ZSi-Foster at (800) 323-7053 or order now at zsi-foster.com

Connection Elements

IDEAL TRIDON GROUP

W200SS - W201SS
1-⅝" x 1-⅝" Channel

1⅝" 41mm

1⅝" 41mm

1⅝" 41mm

3¼" 83mm

W900SS - W901SS
1-⅝" x ⅞" Channel

1⅝" 41mm

1⅝" 41mm

⅞" 22mm

1⅝" 41mm

1¾" 44mm
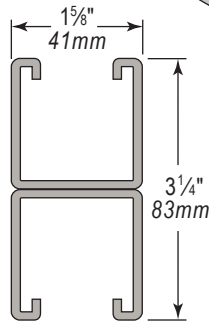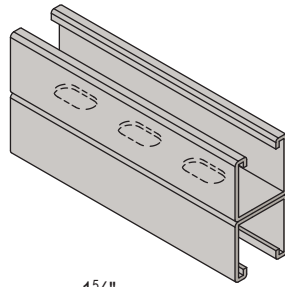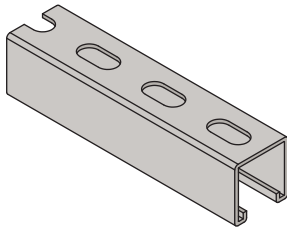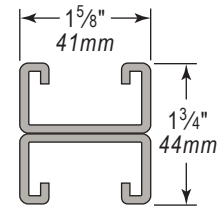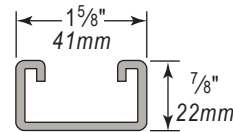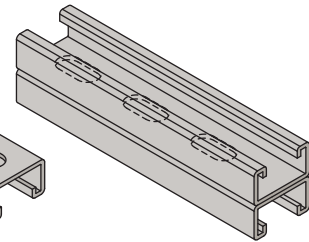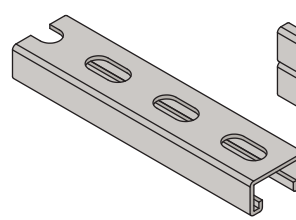
Beam Clamp
Beam Clamp (BC80 shown), Washer, Lock Washer, Hex Nut
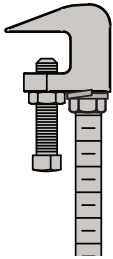
Strut Nut
Strut Nut, Square Washer w/Guide, Lock Washer, Hex Nut
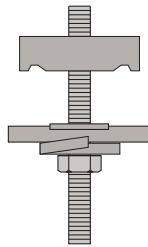
Hex Nut
Washer, Lock Washer, Hex Nut
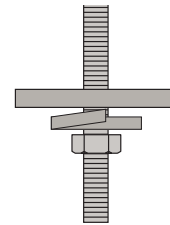
Bolted Bracket
4 Hole 90° Brackets, 1-½" Hex Bolts, Lock Washers, Strut Nuts
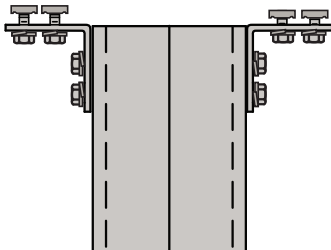
Strut to Rod
Hex Nut, Square Washer, Strut, Square Washer, Lock Washer, Hex Nut
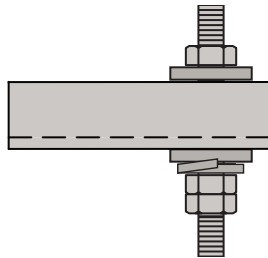
Strut to Strut
Hex Nut, Lock Washer, 90° Angle Fitting, Hex Bolts, Strut, Strut Nut
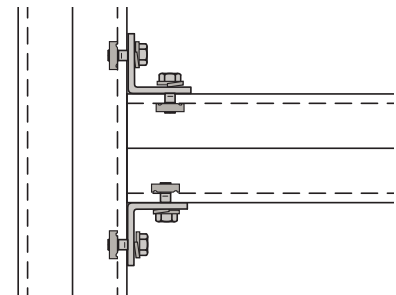
Threaded Rod End Caps

Strut End Caps
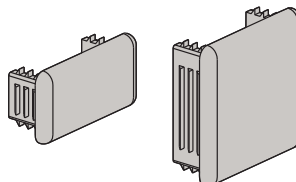
Rod Coupler
Hex Nut, Lock Washer, Rod Coupler, Lock Washer, Hex Nut

All connected hardware torqued to specification. Top connecting hardware snug for transportation.

Built to Order Trapeze
Single Support

IDEAL TRIDON GROUP

Options	Part Number Code	Elements
Top Support Type	X	None
	HN	Hex Nut
	RC	Rod Coupler
	BC	Beam Clamp (Specify Clamp)
	SN	Strut Nut
	BB	Bolted Bracket
Column Type	A	⅜"-16 Threaded Rod
	B	½"-13 Threaded Rod
	C	W200SS Single 1-⅝" Strut
	D	W201SS Back-to-Back 1-⅝" Strut
Column Length		(inches)
Support Type	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Support Width		(inches)
Finish	EG	Electroplated
	ST304	Stainless Steel Type 304
	ST306	Stainless Steel Type 316
End Caps	RC	Rod End Cap
	SC	Strut End Caps

* Position from Bottom

Example 1:

Beam Clamp

Cat # = CTH-01
BC = Beam Clamp [Top Support Type]
B = ½" Threaded Rod [Column Type]
48 = Column Length
S2 = W201SS [Support Type]
36 = Support Width
ST304 = Finish
RC = Rod End Caps [End Caps]

The completed catalog number:
CTH-01-BC-B-48-S2-36-ST304-RC

½" Rod x 48"

1-⅝" x 3-¼" x 36"
Back-to-Back Strut

Example 2:

1-⅝" x 1-⅝" Strut

Cat # = CTH-01
SN = Strut Nut [Top Support Type]
C = W201SS [Column Type] **48** = Column Length
S1 = W200SS [Support Type] **36** = Support Width
EG = Finish
SC = Strut End Caps [End Caps]

The completed catalog number:
CTH-01-SN-C48-S136-EG-SC

1-⅝" x 1-⅝" Strut

Supply Customer Drawing with Request

All connected hardware torqued to specification. Top connecting hardware snug for transportation.

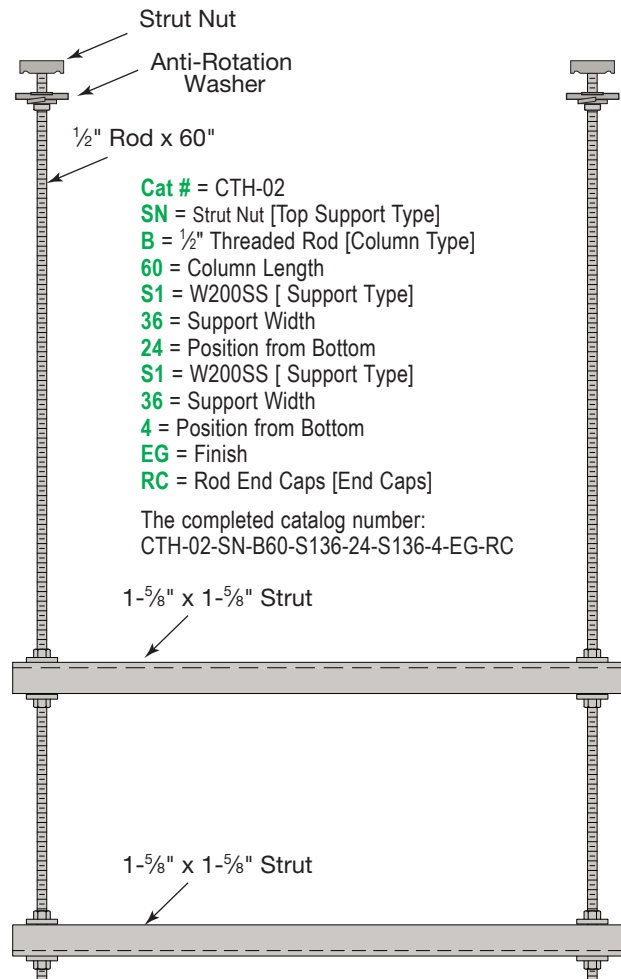| Options	Part Number Code	Elements
Top Support Type	X	None
	HN	Hex Nut
	RC	Rod Coupler
	BC	Beam Clamp (Specify Clamp)
	SN	Strut Nut
	BB	Bolted Bracket
Column Type	A	³⁄₈"-16 Threaded Rod
	B	¹⁄₂"-13 Threaded Rod
	C	W200SS Single 1-⁵⁄₈" Strut
	D	W201SS Back-to-Back 1-⁵⁄₈" Strut
Column Length		(inches)
Support Type Level One	S1	W200SS Single 1-⁵⁄₈" x 1-⁵⁄₈" Strut
	S2	W201SS Back-to-Back 1-⁵⁄₈" x 3-¼" Strut
	S3	W900SS Single 1-⁵⁄₈" x ⁷⁄₈" Strut
	S4	W901SS Back-to-Back 1-⁵⁄₈" x 1-¾" Strut
Support Width		(inches)
Level One Position *		(inches)
Support Type Level Two	S1	W200SS Single 1-⁵⁄₈" x 1-⁵⁄₈" Strut
	S2	W201SS Back-to-Back 1-⁵⁄₈" x 3-¼" Strut
	S3	W900SS Single 1-⁵⁄₈" x ⁷⁄₈" Strut
	S4	W901SS Back-to-Back 1-⁵⁄₈" x 1-¾" Strut
Level Two Position *		(inches)
Finish	EG	Electroplated
	ST304	Stainless Steel Type 304
	ST306	Stainless Steel Type 316
End Caps	RC	Rod End Cap
	SC	Strut End Caps

* Position from Bottom

Example:

Strut Nut

Anti-Rotation Washer

¹⁄₂" Rod x 60"

Cat # = CTH-02
SN = Strut Nut [Top Support Type]
B = ¹⁄₂" Threaded Rod [Column Type]
60 = Column Length
S1 = W200SS [Support Type]
36 = Support Width
24 = Position from Bottom
S1 = W200SS [Support Type]
36 = Support Width
4 = Position from Bottom
EG = Finish
RC = Rod End Caps [End Caps]

The completed catalog number:
CTH-02-SN-B60-S136-24-S136-4-EG-RC

1-⁵⁄₈" x 1-⁵⁄₈" Strut

1-⁵⁄₈" x 1-⁵⁄₈" Strut

Supply Customer Drawing with Request

Trapeze to have all hardware, material, caps
per customer requirements

All connected hardware torqued to specification. Top connecting hardware snug for transportation.
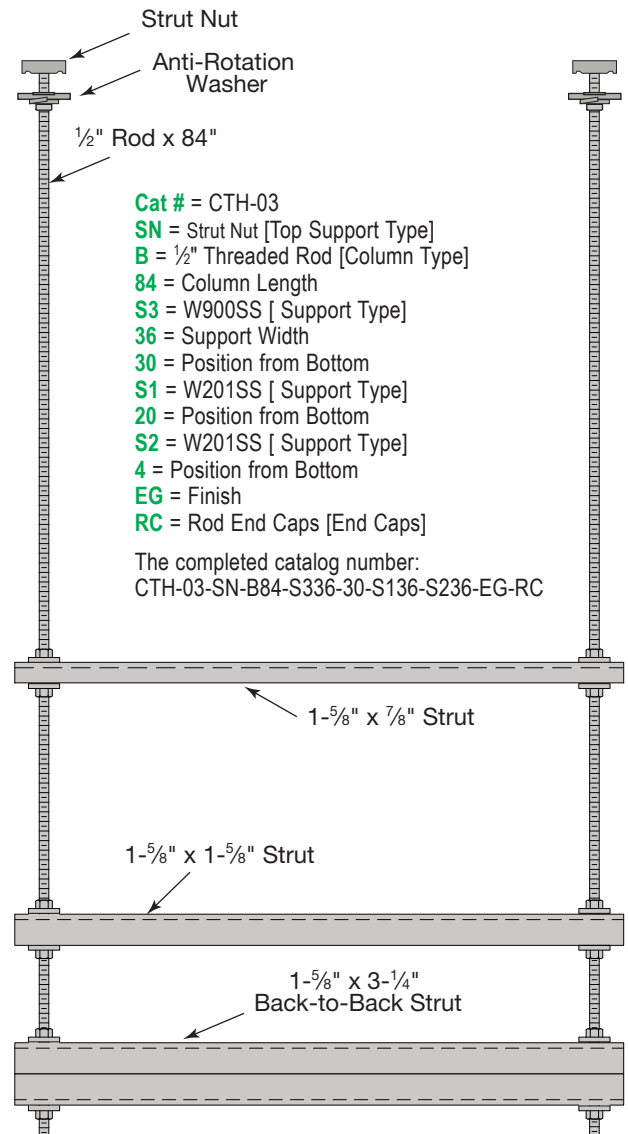
IDEAL TRIDON *GROUP*

Options	Part Number Code	Elements
Top Support Type	X	None
	HN	Hex Nut
	RC	Rod Coupler
	BC	Beam Clamp (Specify Clamp)
	SN	Strut Nut
	BB	Bolted Bracket
Column Type	A	⅜"-16 Threaded Rod
	B	½"-13 Threaded Rod
	C	W200SS Single 1-⅝" Strut
	D	W201SS Back-to-Back 1-⅝" Strut
Column Length		(inches)
Support Type Level One	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Support Width		(inches)
Level One Position *		(inches)
Support Type Level Two	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Level Two Position *		(inches)
Support Type Level Three	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Level Three Position *		(inches)
Finish	EG	Electroplated
	ST304	Stainless Steel Type 304
	ST306	Stainless Steel Type 316
End Caps	RC	Rod End Cap
	SC	Strut End Caps

* Position from Bottom

Example:

Strut Nut

Anti-Rotation Washer

½" Rod x 84"

Cat # = CTH-03
SN = Strut Nut [Top Support Type]
B = ½" Threaded Rod [Column Type]
84 = Column Length
S3 = W900SS [Support Type]
36 = Support Width
30 = Position from Bottom
S1 = W201SS [Support Type]
20 = Position from Bottom
S2 = W201SS [Support Type]
4 = Position from Bottom
EG = Finish
RC = Rod End Caps [End Caps]

The completed catalog number:
CTH-03-SN-B84-S336-30-S136-S236-EG-RC

1-⅝" x ⅞" Strut

1-⅝" x 1-⅝" Strut

1-⅝" x 3-¼" Back-to-Back Strut

Supply Customer Drawing with Request

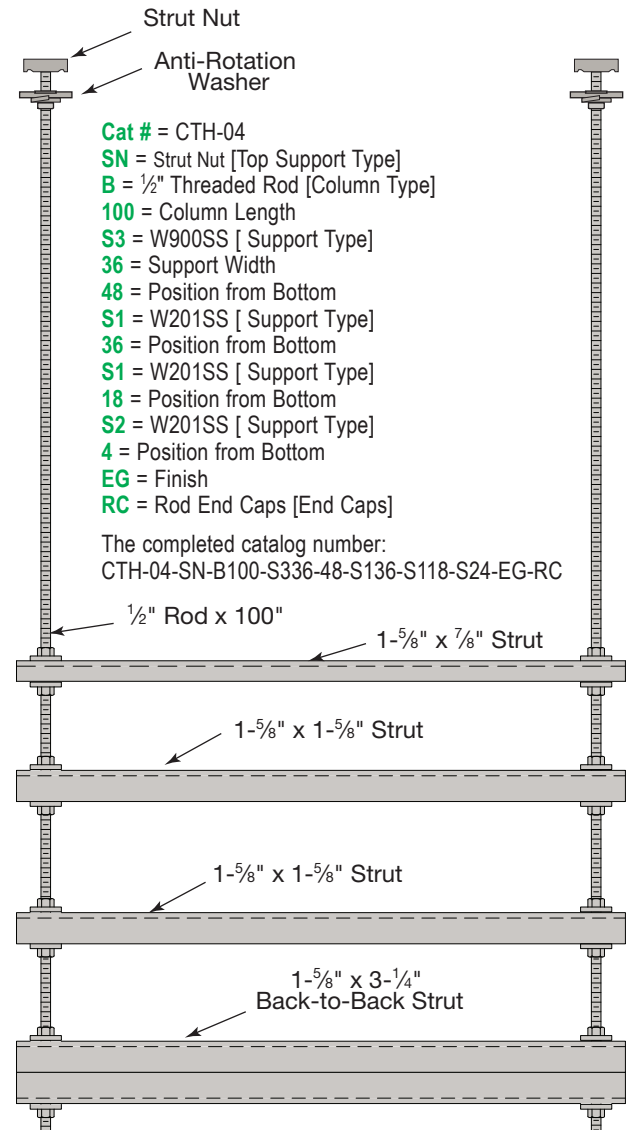All connected hardware torqued to specification. Top connecting hardware snug for transportation.

Options	Part Number Code	Elements
Top Support Type	X	None
	HN	Hex Nut
	RC	Rod Coupler
	BC	Beam Clamp (Specify Clamp)
	SN	Strut Nut
	BB	Bolted Bracket
Column Type	A	⅜"-16 Threaded Rod
	B	½"-13 Threaded Rod
	C	W200SS Single 1-⅝" Strut
	D	W201SS Back-to-Back 1-⅝" Strut
Column Length		(inches)
Support Type Level One	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Support Width		(inches)
Level One Position *		(inches)
Support Type Level Two	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Level Two Position *		(inches)
Support Type Level Three	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Level Three Position *		(inches)
Support Type Level Four	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Level Four Position *		(inches)
Finish	EG	Electroplated
	ST304	Stainless Steel Type 304
	ST306	Stainless Steel Type 316
End Caps	RC	Rod End Cap
	SC	Strut End Caps

* Position from Bottom

Example:

Strut Nut
Anti-Rotation Washer

Cat # = CTH-04
SN = Strut Nut [Top Support Type]
B = ½" Threaded Rod [Column Type]
100 = Column Length
S3 = W900SS [Support Type]
36 = Support Width
48 = Position from Bottom
S1 = W201SS [Support Type]
36 = Position from Bottom
S1 = W201SS [Support Type]
18 = Position from Bottom
S2 = W201SS [Support Type]
4 = Position from Bottom
EG = Finish
RC = Rod End Caps [End Caps]

The completed catalog number:
CTH-04-SN-B100-S336-48-S136-S118-S24-EG-RC

½" Rod x 100"
1-⅝" x ⅞" Strut
1-⅝" x 1-⅝" Strut
1-⅝" x 1-⅝" Strut
1-⅝" x 3-¼" Back-to-Back Strut

Trapeze to have all hardware, material, caps
per customer requirements

Supply Customer Drawing with Request

All connected hardware torqued to specification. Top connecting hardware snug for transportation.
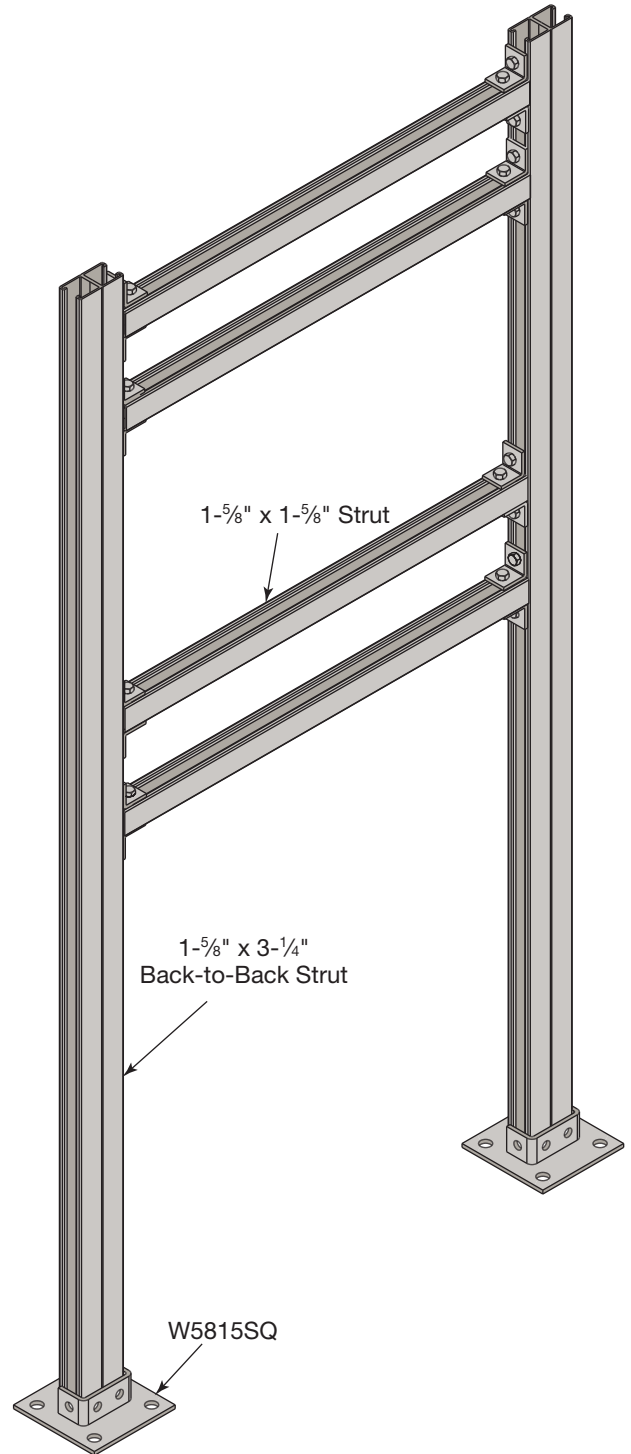
Built to Order Support Rack
2 Post Rack

Options	Part Number Code	Elements
Column Type	A	W200SS Single 1-⅝" x 1-⅝" Strut
	B	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
Column Length		(inches)
Cross Bar Type	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Support Width		(inches)
Level 1 Position *		(inches)
Level 2 Position *		(inches)
Level 3 Position *		(inches)
Level 4 Position *		(inches)
Level 5 Position *		(inches)
Level 6 Position *		(inches)
Finish	EG	Electroplated
	ST304	Stainless Steel Type 304
	ST306	Stainless Steel Type 316
End Caps	SC	Strut End Caps

* Position from Bottom

1-⅝" x 1-⅝" Strut

1-⅝" x 3-¼"
Back-to-Back Strut

W5815SQ

Cat # = 2PSSR
SN = Strut Nut [Top Support Type]
B = ½" Threaded Rod [Column Type]
100 = Column Length
S3 = W900SS [Support Type]
36 = Support Width
48 = Position from Bottom
S1 = W201SS [Support Type]
36 = Position from Bottom
S1 = W201SS [Support Type]
18 = Position from Bottom
S2 = W201SS [Support Type]
4 = Position from Bottom
EG = Finish
SC = Strut End Caps [End Caps]

The completed catalog number:
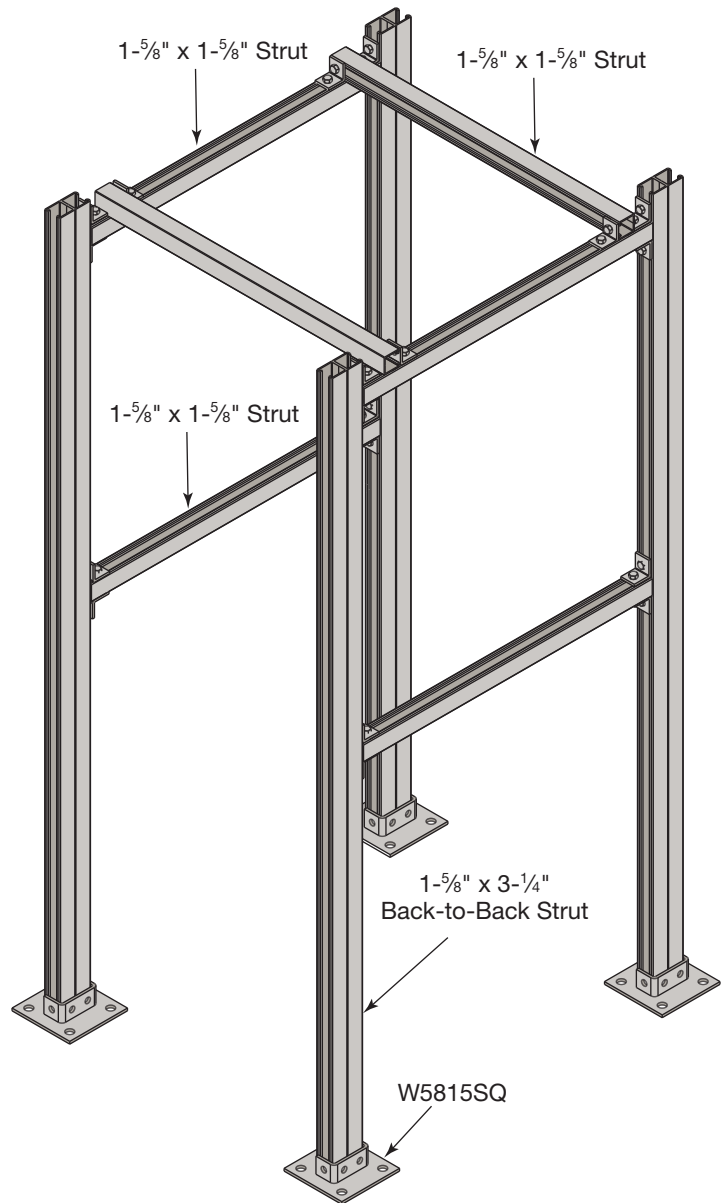2PSSR-A64-S136-48-S136-S118-S24-EG-SC

Options	Part Number Code	Elements
Column Type	A	W200SS Single 1-⅝" x 1-⅝" Strut
	B	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
Column Length		(inches)
Support Width		(inches)
Support Depth		(inches)
Cross Bar Type	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Level 1 Position *		(inches)
Level 2 Position *		(inches)
Level 3 Position *		(inches)
Level 4 Position *		(inches)
Level 5 Position *		(inches)
Level 6 Position *		(inches)
Finish	EG	Electroplated
	ST304	Stainless Steel Type 304
	ST306	Stainless Steel Type 316
End Caps	SC	Strut End Caps

* Position from Bottom

1-⅝" x 1-⅝" Strut

1-⅝" x 1-⅝" Strut

1-⅝" x 1-⅝" Strut

1-⅝" x 3-¼" Back-to-Back Strut

W5815SQ

Cat # = 4PSSR
SN = Strut Nut [Top Support Type]
B = ½" Threaded Rod [Column Type]
100 = Column Length
S3 = W900SS [Support Type]
36 = Support Width
48 = Position from Bottom
S1 = W201SS [Support Type]
36 = Position from Bottom
S1 = W201SS [Support Type]
18 = Position from Bottom
S2 = W201SS [Support Type]
4 = Position from Bottom
EG = Finish
SC = Strut End Caps [End Caps]

The completed catalog number:
4PSSR-A64-S136-48-S136-S118-S24-EG-SC

IDEAL TRIDON® GROUP

Cut Strut and Hardware Attachments

Options	Part Number Code	Elements
Strut Type	S1	W200SS Single 1-⅝" x 1-⅝" Strut
	S2	W201SS Back-to-Back 1-⅝" x 3-¼" Strut
	S3	W900SS Single 1-⅝" x ⅞" Strut
	S4	W901SS Back-to-Back 1-⅝" x 1-¾" Strut
Strut Length		(inches)
Hardware Attached	W5009	Splice Plate
	W5012	Swivel Bracket
	W5021	3 Hole 90° Plate
	W5025	4 Hole 90° Plate
	W5022	Tee Plate
	W5023	Cross Plate
	W5103	2 Hole End Connector
	W5113	3 Hole End Connector
	W5125	4 Hole Corner Connector
	W5510	3 Hole Right Hand Corner Angle
	W5511	3 Hole Left Hand Corner Angle
Finish	EG	Electroplated
	ST304	Stainless Steel Type 304
	ST306	Stainless Steel Type 316
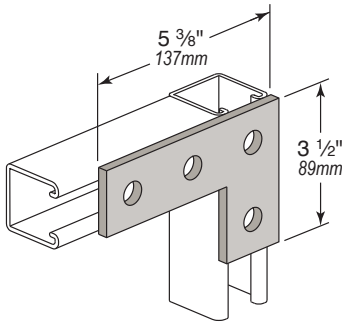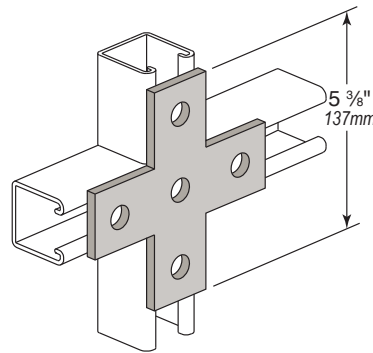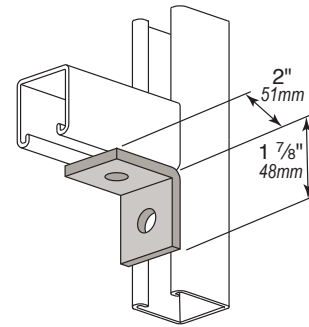
Cat # = CS01
S1 = W200SS [Strut Type] **36**
= Strut Length
W5103 = 2 Hole End Connector
W5103 = 2 Hole End Connector
EG = Finish
The completed catalog number:
CS01-S1/37-W5103-W5103-EG

W5103   1-⅝" x 1-⅝" Strut   W5103

4 Sets of Hardware,
Each fitting hole contains 1-½" Hex Bolt, Lock Washer, & Strut Nut
Hardware Installed, fittings on strut torqued to factory recommendations

Other Examples:

Cut Threaded Rod and Hardware Attached

Options	Part Number Code	Elements
Rod Type	A	⅜"-16 Threaded Rod
	B	½"-13 Threaded Rod
Rod Length		(inches)
Hardware Installed on Top	HN	Hex Nut, Lock Washer, Flat Washer
	RC	Rod Coupler, Lock Washer, Hex Nut
	BC	Beam Clamp (Specify Clamp), Flat Washer, Hex Nut
	SN	Strut Nut, Square Washer, Lock Washer, Hex Nut
Hardware Installed on Bottom	HN	Hex Nut, Lock Washer, Flat Washer
Distance from Bottom		(inches)
Finish	EG	Electroplated
	ST304	Stainless Steel Type 304
	ST306	Stainless Steel Type 316
End Caps	RC	Rod End Cap (optional)

Cat # = CR01
B = W200SS [Strut Type]
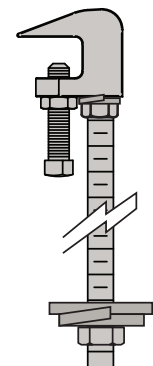**36** = Rod Length
BC = Beam Clamp (BC80 shown) ,
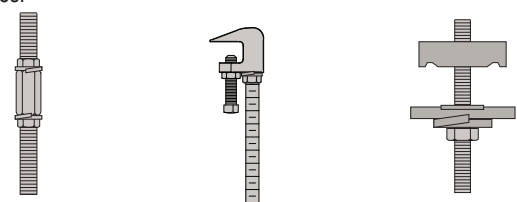   Flat Washer, Hex Nut
HN = Hex Nut, Lock Washer, Flat Washer
1 = Distance from Bottom
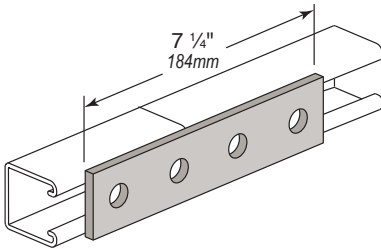
The completed catalog number:
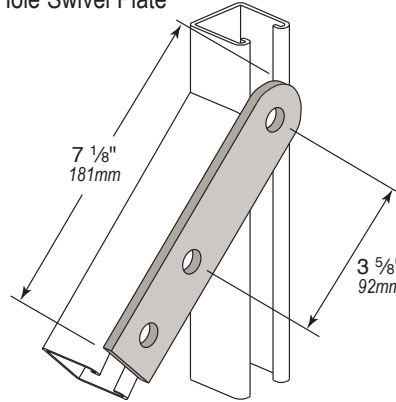CR01-B/36-BC-HN/1

Other Examples:

Optional Fittings

W5009
4 Hole Splice Plate

7 ¼"
184mm

W5012
3 Hole Swivel Plate

7 ⅛"
181mm

3 ⅝"
92mm

W5021
3 Hole 90° Plate

3 ½"
89mm

3 ½"
89mm

W5025
4 Hole 90° Plate

5 ⅜"
137mm

3 ½"
89mm

W5023
4 Hole Cross

5 ⅜"
137mm

W5103
2 Hole End Connector

2"
51mm

1 ⅞"
48mm

W5113
3 Hole End Connector

1 ⅞"
48mm

3 ⅞"
98mm

W5125
4 Hole Corner Connector

3 ¾"
95mm

1 ³⁄₁₆"
30mm

3 ⅞"
98mm

3 Hole Corner Angle

1 ⅝"
41mm

1 ⅝"
41mm

1 ⅞"
48mm

1 ¾"
44mm

Part No.	Elements
W5510	3 Hole Right Corner Angle
W5511	3 Hole Left Corner Angle (Shown)

Call ZSi-Foster at (800) 323-7053 or order now at zsi-foster.com