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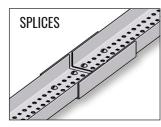


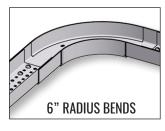
CABLE-RACE®

Dedicated tray support system for industrial instrument and control installations

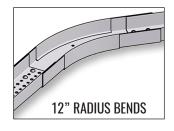
CHANNELS 2" DEEP

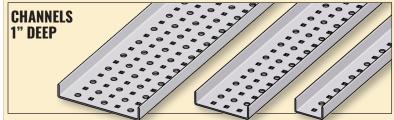
JCWCO CABLE-RACE[®] 2" deep tray system offers support of cabling for industrial instrumentation and control. 2" deep CABLE-RACE[®] tray features our heavier gage open tray system available in 4 corrosion-resistant metals and 3 channel widths. Components include a complete variety of fixed and adjustable tray connectors with hardware and cable clamps. See our tray load and deflection program now featured on our website (www. JCWCO.com) to help determine the correct cable tray for your system.



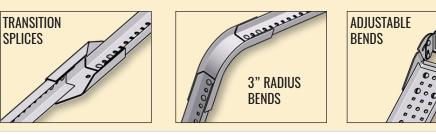


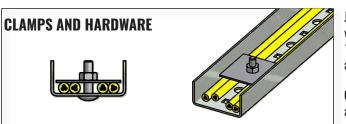






JCWCO CABLE-RACE® 1" deep tray system offers support of cabling for industrial instrumentation and control. 1" deep CABLE-RACE® tray features our lighter gage open tray system available in 4 corrosion-resistant metals and 3 channel widths. Components include a complete variety of fixed and adjustable tray connectors with hardware and cable clamps. See our tray load and deflection program now featured on our website (www.JCWCO.com) to help determine the correct cable tray for your system.





JCWCO CABLE-RACE[®] is a complete system. Connecting bolts are included with all JCWCO channel splices and bends (3/8" dia. for 2" deep tray and 1/4" dia. for 1" deep tray). Tray covers, cable clamps, and system hardware are available to create a cable support system to fit your requirements.

CABLE-RACE[®] uses only tightenable fasteners to secure tray connections and maintain the conductivity necessary for UL classification.

COVERS







About James C. White Company, Inc.

We began as a partnership in 1952 as a distributor of tube fittings and valves. Two years later Jim and Bettye White took the Company to a new level and began manufacturing TUBETRACK[®], Jim White's design of the first use of a Tray Support System for instrumentation tubing. The TUBETRACK[®] Tray System was the first industrial category of Instrument Support Tray.

To this day we have maintained the culture of quality and attention to detail that Jim and Bettye White so deeply ingrained in our personnel. Jim White was well known for many "famous" mottoes he used to guide the company and which he passed on to the current generation of company leadership. One of those mottoes that still directs the company today is:

"Good business is business that is good for both parties."



Under the direction of Tom White, owner and president, we have made significant advances in new product design and manufacturing improvements since 2005. James C. White Co. is a growing, innovative manufacturing company with complete fabrication and machining capabilities. Although a small business, we have served some of the world's largest EPC firms and supplied materials on time to some of the largest industrial projects in the world.

We welcome opportunities to partner with you to solve your special instrumentation support needs. Over the years we have custom machined or fabricated numerous custom products which are not catalog-standard items. If you don't find what you need in our catalogs, please contact the factory. There is a good possibility we may already have a solution or can partner with you to provide one.

Thank you for your continued interest in the James C. White Company.

Quality Assurance Program

- Maintained and advanced for over 40 years
- Designed to conform to applicable requirements of: 10CFR50 Appendix B, ASME NQA-1a-2009, ASME Boiler and Pressure Vessel Code Section III, Subarticle NCA-3800, MIL-Q-9858A, MIL-I-45208A, and CSA-299.2.
- · Controls our manufacturing, inspection, and shipping activities as applicable to your order requirements
- · Meets or exceeds various other Q.A. Program requirements, such as ISO
- Routinely audited by various customers and utilities, including NUPIC members

Safety-Related Products



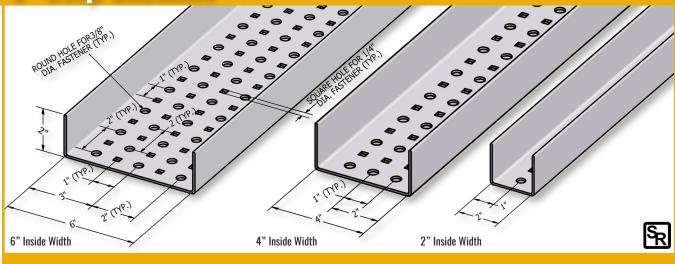
Contact our Nuclear Sales Department regarding availability, load rating, material and part specifications, or to inquire about the possibility of procuring other materials as Safety-Related.







Deep Channels 2



Channels - 2" Deep

CABLE-RACE® standard tray channel sections are available in 4 corrosion-resistant metals and 3 channel widths. CABLE-RACE® components are factory inspected for quality of fabrication detail, finish, straightness, and appearance.

Channel tray details are shown for standard CABLE-RACE® part numbers, materials, widths, lengths, gages, and covers. Other non-standard gages are available for 304SS and 316SS channels but are generally not available from factory stock. See page 29 for Load and Deflection information.

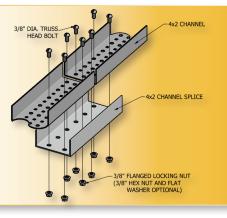
Expect quality product, service, and timely delivery from JCWCO.

Metal	Width	Channel Part No.	Chan. Gage	Chan. Length	Cover Part No.	Cover Length
Hot-Dip	2	CH2-GC2			CV-CH2-MG	
Galv.	4	CH4-GC2	12	20′	CV-CH4-MG	10'
Steel*	6	CH6-GC2			CV-CH6-MG	
Natural	2	CH2-NA2			CV-CH2-NA	
Finish	4	CH4-NA2	12	20'	CV-CH4-NA	10'
Alum.	6	CH6-NA2			CV-CH6-NA	
Stainless	2	CH2-SS2T4-144-6			CV-CH2-SS4-144	
Steel	4	CH4-SS2T4-144-6	16	12′	CV-CH4-SS4-144	12′
T-304	6	CH6-SS2T4-144-6			CV-CH6-SS4-144	
Stainless	2	CH2-SS2T6-144-6			CV-CH2-SS6-144	
Steel	4	CH4-SS2T6-144-6	16	12′	CV-CH4-SS6-144	12′
T-316	6	CH6-SS2T6-144-6			CV-CH6-SS6-144	

SR

Structural connections for 2" deep CABLE-RACE® tray splices and bends are provided with 3/8" dia. bolt sets (truss head bolts with flanged locking nuts). Truss head bolts with hex nuts and flat washers are optional upon request. Bolt sets are supplied with all CABLE-RACE® splices and bends. Standard fastener metals include: • Zinc-plated bolts with galvanized fittings

- 18-8 stainless bolts with aluminum fittings
- 18-8 stainless bolts with 304 SS fittings
- 316 stainless bolts with 316 SS fittings

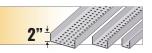


Bolted Connections

CABLE-RACE[®] uses only tightenable fasteners to secure tray connections and maintain the conductivity necessary for UL classification. Splices bolt through the first and third round holes in each end of a splice for maximum strength. Bolt sets are supplied with each CABLE-RACE® splice and bend. Stainless steel bolting is standard with aluminum CABLE-RACE® fittings. Stainless steel bolting is optional with galvanized CABLE-RACE® for an additional cost. Contact factory for additional information.

www.JCWCO.com







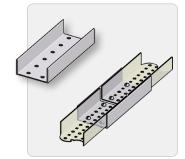
Cover Part No.

Cover Part No.

Splice Channel



Includes 3/8" dia. bolting



Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	SC2-GC2	CV-S2MG2
Galv.	4	SC4-GC2	CV-S4MG2
Steel*	6	SC6-GC2	CV-S6MG2
Natural	2	SC2-NA2	CV-S2NA2
Finish	4	SC4-NA2	CV-S4NA2
Alum.	6	SC6-NA2	CV-S6NA2
Stainless	2	SC2-SS2T4	CV-S2SS2T4
Steel	4	SC4-SS2T4	CV-S4SS2T4
T-304	6	SC6-SS2T4	CV-S6SS2T4
Stainless	2	SC2-SS2T6	CV-S2SS2T6
Steel	4	SC4-SS2T6	CV-S4SS2T6
T-316	6	SC6-SS2T6	CV-S6SS2T6

Part No.

SCT2-GC2-RH

SCT4-GC2-RH

SCT6-GC2-RH

SCT2-NA2-RH

SCT4-NA2-RH

SCT6-NA2-RH

SCT2-SS2T4-RH

SCT4-SS2T4-RH SCT6-SS2T4-RH

SCT2-SS2T6-RH

SCT4-SS2T6-RH

SCT6-SS2T6-RH

A: 11.50"

Metal

Hot-Dip

Galv.

Steel*

Natural

Finish

Alum.

Steel

T-304

Steel

T-316

A: 10.50"

Stainless

Stainless

Nominal Engagement: 5.5"

Width

2

4

6

2

4

6

2

4

6

2

4

6

Nominal Engagement: 3.5"

S_R

Transition Splice	
Right Hand	

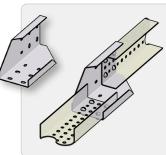


Includes 3/8" dia. bolting

Transition Splice Left Hand



Includes 3/8" dia. bolting



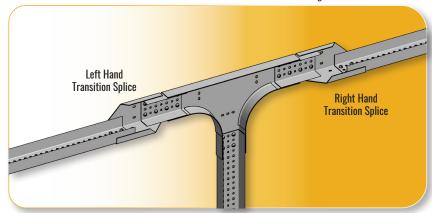
	Metal	Width	Part No.	
	Hot-Dip	2	SCT2-GC2-LH	
	Galv.	4	SCT4-GC2-LH	
\frown	Steel*	6	SCT6-GC2-LH	
1	Natural	2	SCT2-NA2-LH	
	Finish	4	SCT4-NA2-LH	
/	Alum.	6	SCT6-NA2-LH	
	Stainless	2	SCT2-SS2T4-LH	
	Steel	4	SCT4-SS2T4-LH	
	T-304	6	SCT6-SS2T4-LH	
	Stainless	2	SCT2-SS2T6-LH	
	Steel	4	SCT4-SS2T6-LH	
	T-316	6	SCT6-SS2T6-LH	

Transition Splices are marked with "L" or "R" to indicate Left or Right

A: 10.50"

Nominal Engagement: 3.5"

Transition Splices are marked with "L" or "R" to indicate Left or Right





Safety-Related options, pg. 2

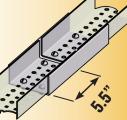






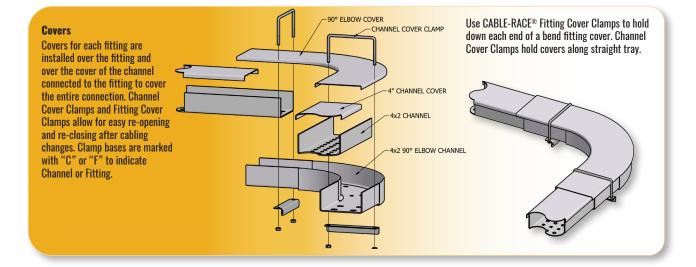


Make splice connections for channels through the first and third round holes in each end of the splice for maximum strength.



Nominal Engagement

The nominal engagement is the overlap of tray inside the splice or bend fitting. CABLE-RACE[®] channel fits inside each end of this splice for a nominal engagement of 5.5". Use fitting dimensions to estimate straight channel lengths for a job.





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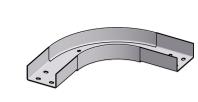
Elbow Channel 90° Bend 6" Min. Radius

Elbow Channel 45° Bend 6" Min. Radius

A



Includes 3/8" dia. bolting



Metal Width Part No. **Cover Part No.** EC2-GC2-R6D90 CV-E2 MG2 R6D90 Hot-Dip 2 EC4-GC2-R6D90 CV-E4 MG2 R6D90 Galv. 4 Steel* EC6-GC2-R6D90 CV-E6 MG2 R6D90 6 Natural 2 EC2-NA2-R6D90 CV-E2 NA2 R6D90 Finish 4 EC4-NA2-R6D90 CV-E4 NA2 R6D90 Alum. 6 EC6-NA2-R6D90 CV-E6 NA2 R6D90 EC2-SS2-R6D90T4 CV-E2 SS2 R6D904 Stainless 2 4 EC4-SS2-R6D90T4 CV-E4 SS2 R6D904 Steel T-304 6 EC6-SS2-R6D90T4 CV-E6 SS2 R6D904 Stainless EC2-SS2-R6D90T6 CV-E2 SS2 R6D906 2 4 EC4-SS2-R6D90T6 CV-E4 SS2 R6D906 Steel EC6-SS2-R6D90T6 CV-E6 SS2 R6D906 T-316 6

A: 12.0" plus channel width Nominal Engagement: 3.5"

Metal Width		Part No.	Cover Part No.
Hot-Dip	2	EC2-GC2-R6D45	CV-E2 MG2 R6D45
Galv.	4	EC4-GC2-R6D45	CV-E4 MG2 R6D45
Steel*	6	EC6-GC2-R6D45	CV-E6 MG2 R6D45
Natural	2	EC2-NA2-R6D45	CV-E2 NA2 R6D45
Finish	4	EC4-NA2-R6D45	CV-E4 NA2 R6D45
Alum.	6	EC6-NA2-R6D45	CV-E6 NA2 R6D45
Stainless	2	EC2-SS2-R6D45T4	CV-E2 SS2 R6D454
Steel	4	EC4-SS2-R6D45T4	CV-E4 SS2 R6D454
T-304	6	EC6-SS2-R6D45T4	CV-E6 SS2 R6D454
Stainless	2	EC2-SS2-R6D45T6	CV-E2 SS2 R6D456
Steel	4	EC4-SS2-R6D45T6	CV-E4 SS2 R6D456
T-316	6	EC6-SS2-R6D45T6	CV-E6 SS2 R6D456

A: 13.75" B: 6.0" plus channel width Nominal Engagement: 3.5"

Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	EC2-GC2-R6DA	-
Galv.	4	EC4-GC2-R6DA	-
Steel*	6	EC6-GC2-R6DA	-
Natural	2	EC2-NA2-R6DA	-
Finish	4	EC4-NA2-R6DA	-
Alum.	6	EC6-NA2-R6DA	-
Stainless	2	EC2-SS2-R6DAT4	-
Steel	4	EC4-SS2-R6DAT4	-
T-304	6	EC6-SS2-R6DAT4	-
Stainless	2	EC2-SS2-R6DAT6	-
Steel	4	EC4-SS2-R6DAT6	-
T-316	6	EC6-SS2-R6DAT6	-

2" Width Tray: A = 13", B = 7" (nominal dim.) 4" Width Tray: A = 16", B = 8" (nominal dim.) 6" Width Tray: A = 16", B = 10" (nominal dim.) Nominal Engagement: 3.5"

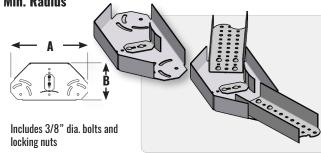
	Metal	Width	Part No.	Cover Part No.
	Hot-Dip	2	TC2-GC2-R6D90	CV-T2 MG2 R6D90
	Galv.	4	TC4-GC2-R6D90	CV-T4 MG2 R6D90
	Steel*	6	TC6-GC2-R6D90	CV-T6 MG2 R6D90
	Natural	2	TC2-NA2-R6D90	CV-T2 NA2 R6D90
	Finish	4	TC4-NA2-R6D90	CV-T4 NA2 R6D90
	Alum.	6	TC6-NA2-R6D90	CV-T6 NA2 R6D90
	Stainless	2	TC2-SS2-R6D90T4	CV-T2 SS2 R6D904
'	Steel	4	TC4-SS2-R6D90T4	CV-T4 SS2 R6D904
	T-304	6	TC6-SS2-R6D90T4	CV-T6 SS2 R6D904
	Stainless	2	TC2-SS2-R6D90T6	CV-T2 SS2 R6D906
	Steel	4	TC4-SS2-R6D90T6	CV-T4 SS2 R6D906
	T-316	6	TC6-SS2-R6D90T6	CV-T6 SS2 R6D906

A: 23.75" plus channel width B: 12.25" plus channel width Nominal Engagement: 3.5"



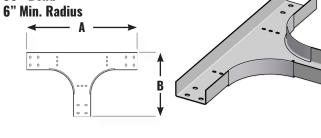
←B→ Includes 3/8" dia. bolting

Horizontal Elbow Adjustable Bend (0-90°) Patent No.: US 8,573,409 B2 6" Min. Radius

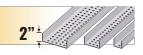


Tee Channel 90° Bend B

Includes 3/8" dia. bolting

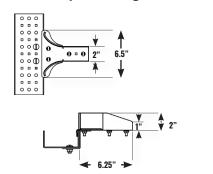








Horizontal Drop-Out Fitting





Metal	Width	Part No.
Stainless Steel T-304 Stainless Steel T-316		DHC2-SS2-2T4
		-

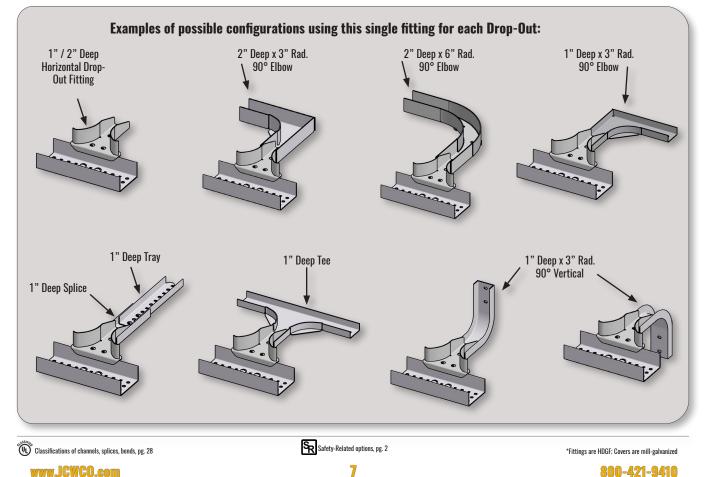
Nominal Engagement: 3.5"

See pg. 16 for Horizontal Drop-Out Fitting for 1" deep tray

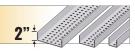
 * Same width as standard 2" wide CABLE-RACE $^{\otimes}$ tray. Use with any CABLE-RACE $^{\otimes}$ or TUBETRACK $^{\otimes}$ fitting.

Attachable Horizontal Drop-Out Fitting

- Drop-Out to an instrumentation station or work station
- Bolt directly to any 2" deep CABLE-RACE® 2", 4", or 6" wide tray
- No need to cut or modify existing mainline tray
- Drop-Out at any point along the CABLE-RACE® main line tray
- Extend using any 2" wide CABLE-RACE® or TUBETRACK® tray fitting
- Use single Drop-Out fitting with a CABLE-RACE® fitting for desired configuration
- All CABLE-RACE® fittings include required fasteners
- Includes mounting bracket and fasteners for connection to 2" deep tray
- Available in stainless steel fits CABLE-RACE® tray of any metal









Cover Part No.

CV-12 MG2 R6D90

CV-I4 MG2 R6D90

CV-I6 MG2 R6D90

CV-I2 NA2 R6D90

CV-I4 NA2 R6D90

CV-I6 NA2 R6D90

CV-I2 SS2 R6D904

CV-I4 SS2 R6D904

CV-I6 SS2 R6D904

CV-12 SS2 R6D906

CV-I4 SS2 R6D906

CV-I6 SS2 R6D906

Cover Part No.

CV-12 MG2 R6D45

CV-I4 MG2 R6D45

CV-I6 MG2 R6D45

CV-I2 NA2 R6D45

CV-I4 NA2 R6D45

CV-16 NA2 R6D45

CV-12 SS2 R6D454

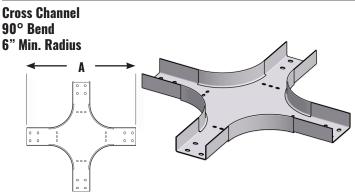
CV-I4 SS2 R6D454

CV-16 SS2 R6D454

CV-I2 SS2 R6D456

CV-16 SS2 R6D456

CV-I4 SS2 R6D456



Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	KC2-GC2-R6D90	CV-K2 MG2 R6D90
Galv.	4	KC4-GC2-R6D90	CV-K4 MG2 R6D90
Steel*	6	KC6-GC2-R6D90	CV-K6 MG2 R6D90
Natural	2	KC2-NA2-R6D90	CV-K2 NA2 R6D90
Finish	4	KC4-NA2-R6D90	CV-K4 NA2 R6D90
Alum.	6	KC6-NA2-R6D90	CV-K6 NA2 R6D90
Stainless	2	KC2-SS2-R6D90T4	CV-K2 SS2 R6D904
Steel	4	KC4-SS2-R6D90T4	CV-K4 SS2 R6D904
T-304	6	KC6-SS2-R6D90T4	CV-K6 SS2 R6D904
Stainless	2	KC2-SS2-R6D90T6	CV-K2 SS2 R6D906
Steel	4	KC4-SS2-R6D90T6	CV-K4 SS2 R6D906
T-316	6	KC6-SS2-R6D90T6	CV-K6 SS2 R6D906

Part No.

ICV2-GC2-R6D90

ICV4-GC2-R6D90

ICV6-GC2-R6D90

ICV2-NA2-R6D90

ICV4-NA2-R6D90

ICV6-NA2-R6D90

ICV2-SS2 R6D90T4

ICV4-SS2 R6D90T4

ICV6-SS2 R6D90T4

ICV2-SS2 R6D90T6

ICV4-SS2 R6D90T6

ICV6-SS2 R6D90T6

Part No.

ICV2-GC2-R6D45

ICV4-GC2-R6D45

ICV6-GC2-R6D45

ICV2-NA2-R6D45

ICV4-NA2-R6D45

ICV6-NA2-R6D45

ICV2-SS2 R6D45T4

ICV4-SS2 R6D45T4

ICV6-SS2 R6D45T4

ICV2-SS2 R6D45T6

ICV4-SS2 R6D45T6

ICV6-SS2 R6D45T6

A: 23.75" plus channel width Nominal Engagement: 3.5"

Width

2

4

6

2

4

6

2

4

6

2

4

6

Width

2

4

6

2

4

6

2

4

6

2

4

6

Nominal Engagement: 3.5"

Metal

Hot-Dip

Galv.

Steel*

Natural

Finish

Alum.

Steel

T-304

Steel

T-316

A: 10.75"

Metal

Hot-Dip

Galv.

Steel*

Finish

Alum.

Steel

T-304

Steel T-316

SR

Stainless

Stainless

A: 15.75" B: 8.0" Nominal Engagement: 3.5"

Natural

SR

Stainless

Stainless

Includes 3/8" dia. bolting

Inside Channel Vertical 90° Bend 6" Radius





Includes 3/8" dia. bolting

Inside Channel Vertical 45° Bend 6" Radius

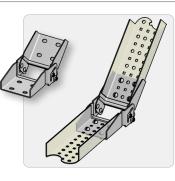


Includes 3/8" dia. bolting

Inside Channel Vertical Adjustable Bend (0-90°) Patent No.: US 8,167,250 B2



Includes 3/8" dia. bolting



Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	ICV2-GC2-DA	-
Galv.	4	ICV4-GC2-DA	-
Steel	6	ICV6-GC2-DA	-
Natural	2	ICV2-NA2-DA	-
Finish	4	ICV4-NA2-DA	-
Alum.	6	ICV6-NA2-DA	-
Stainless	2	ICV2-SS2-DAT4	-
Steel	4	ICV4-SS2-DAT4	-
T-304	6	ICV6-SS2-DAT4	-
Stainless	2	ICV2-SS2-DAT6	-
Steel	4	ICV4-SS2-DAT6	-
T-316	6	ICV6-SS2-DAT6	-

A: 6.0" Nominal Engagement: 3.5" IR

CC2108	
Co., Inc.	
White (
ت	
James	
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Classifications of channels, splices, bends, pg. 28

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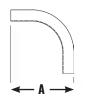
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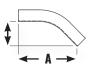


Outside Channel Vertical 90° Bend 6" Min. Radius



Includes 3/8" dia. bolting

Outside Channel Vertical 45° Bend 6" Min. Radius

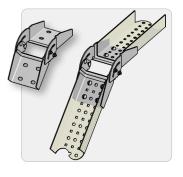




Includes 3/8" dia. bolting

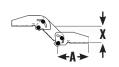
Outside Channel Vertical Adjustable Bend (0-90°) Patent No.: US 8,167,250 B2



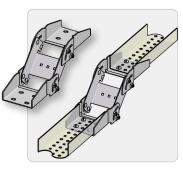


Includes 3/8" dia. bolting

Offset Channel Vertical Double Adjustable Bend Patent No.: US 8,167,250 B2



Includes 3/8" dia. bolting



Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	OCV2-GC2-R6D90	CV-O2 MG2 R6D90
Galv.	4	OCV4-GC2-R6D90	CV-O4 MG2 R6D90
Steel*	6	OCV6-GC2-R6D90	CV-O6 MG2 R6D90
Natural	2	OCV2-NA2-R6D90	CV-O2 NA2 R6D90
Finish	4	OCV4-NA2-R6D90	CV-O4 NA2 R6D90
Alum.	6	OCV6-NA2-R6D90	CV-O6 NA2 R6D90
Stainless	2	OCV2-SS2 R6D90T4	CV-O2 SS2 R6D904
Steel	4	OCV4-SS2 R6D90T4	CV-O4 SS2 R6D904
T-304	6	OCV6-SS2 R6D90T4	CV-06 SS2 R6D904
Stainless	2	OCV2-SS2 R6D90T6	CV-O2 SS2 R6D906
Steel	4	OCV4-SS2 R6D90T6	CV-O4 SS2 R6D906
T-316	6	OCV6-SS2 R6D90T6	CV-O6 SS2 R6D906
A: 10.00"			

Nominal Engagement: 3.5"

S_R

Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	OCV2-GC2-R6D45	CV-O2 MG2 R6D45
Galv.	4	OCV4-GC2-R6D45	CV-O4 MG2 R6D45
Steel*	6	OCV6-GC2-R6D45	CV-O6 MG2 R6D45
Natural	2	OCV2-NA2-R6D45	CV-O2 NA2 R6D45
Finish	4	OCV4-NA2-R6D45	CV-O4 NA2 R6D45
Alum.	6	OCV6-NA2-R6D45	CV-06 NA2 R6D45
Stainless	2	OCV2-SS2 R6D45T4	CV-O2 SS2 R6D454
Steel	4	OCV4-SS2 R6D45T4	CV-O4 SS2 R6D454
T-304	6	OCV6-SS2 R6D45T4	CV-06 SS2 R6D454
Stainless	2	OCV2-SS2 R6D45T6	CV-O2 SS2 R6D456
Steel	4	OCV4-SS2 R6D45T6	CV-O4 SS2 R6D456
T-316	6	OCV6-SS2 R6D45T6	CV-06 SS2 R6D456
. 1E OE"		D. C 05"	

A: 15.25" B: 6.25" Nominal Engagement: 3.5" SR

Metal Width Part No.		Cover Part No.
2	OCV2-GC2-DA	-
4	OCV4-GC2-DA	-
6	OCV6-GC2-DA	-
2	OCV2-NA2-DA	-
4	OCV4-NA2-DA	-
6	OCV6-NA2-DA	-
2	OCV2-SS2-DAT4	-
4	OCV4-SS2-DAT4	-
6	OCV6-SS2-DAT4	-
2	OCV2-SS2-DAT6	-
4	OCV4-SS2-DAT6	-
6	OCV6-SS2-DAT6	-
	2 4 6 2 4 6 2 4 6 2 4 6 2 4 6 2 4	2 OCV2-GC2-DA 4 OCV4-GC2-DA 6 OCV6-GC2-DA 2 OCV2-NA2-DA 4 OCV4-NA2-DA 6 OCV6-NA2-DA 6 OCV6-NA2-DA 2 OCV2-SS2-DAT4 4 OCV4-SS2-DAT4 6 OCV6-SS2-DAT4 2 OCV2-SS2-DAT4 4 OCV4-SS2-DAT4 6 OCV6-SS2-DAT4 2 OCV2-SS2-DAT6 4 OCV4-SS2-DAT6

A: 5.25"

Nominal Engagement: 3.5" S_R

Metal	Metal Width Part No.		Cover Part No.
Hot-Dip	2	OCV2-GC2-DDA5	-
Galv.	4	OCV4-GC2-DDA5	-
Steel	6	OCV6-GC2-DDA5	-
Natural	2	OCV2-NA2-DDA5	-
Finish	4	OCV4-NA2-DDA5	-
Alum.	6	OCV6-NA2-DDA5	-
Stainless	2	OCV2-SS2-DDA5T4	-
Steel	4	OCV4-SS2-DDA5T4	-
T-304	6	OCV6-SS2-DDA5T4	-
Stainless	2	OCV2-SS2-DDA5T6	-
Steel	4	OCV4-SS2-DDA5T6	-
T-316	6	OCV6-SS2-DDA5T6	-

X: Offset at 45° (pictured): 3.25" Max offset (bends at 90°): 5" Nominal Engagement: 3.5" SR

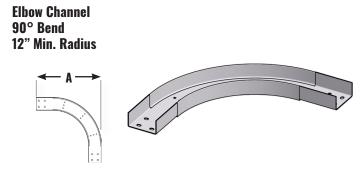
Classifications of channels, splices, bends, pg. 28

9









Includes 3/8" dia. bolting

Elbow Channel 45° Bend 12" Min. Radius

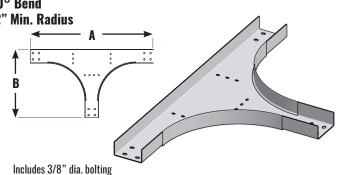


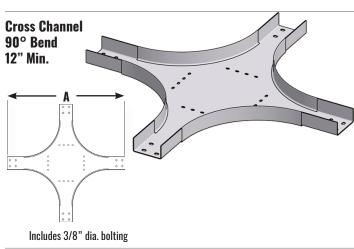


Includes 3/8" dia. bolting

Tee Channel 90° Bend 12" Min. Radius

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Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	EC2-GC2-R12D90	CV-E2 MG2 R12D90
Galv.	4	EC4-GC2-R12D90	CV-E4 MG2 R12D90
Steel*	6	EC6-GC2-R12D90	CV-E6 MG2 R12D90
Natural	2	EC2-NA2-R12D90	CV-E2 NA2 R12D90
Finish	4	EC4-NA2-R12D90	CV-E4 NA2 R12D90
Alum.	6	EC6-NA2-R12D90	CV-E6 NA2 R12D90
Stainless	2	EC2-SS2 R12D90T4	CV-E2 SS2 R12D904
Steel	4	EC4-SS2 R12D90T4	CV-E4 SS2 R12D904
T-304	6	EC6-SS2 R12D90T4	CV-E6 SS2 R12D904
Stainless	2	EC2-SS2 R12D90T6	CV-E2 SS2 R12D906
Steel	4	EC4-SS2 R12D90T6	CV-E4 SS2 R12D906
T-316	6	EC6-SS2 R12D90T6	CV-E6 SS2 R12D906

A: 18.00" plus channel width Nominal Engagement: 3.5" Larger radii available (18", 24", etc.)

Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	EC2-GC2-R12D45	CV-E2 MG2 R12D45
Galv.	4	EC4-GC2-R12D45	CV-E4 MG2 R12D45
Steel*	6	EC6-GC2-R12D45	CV-E6 MG2 R12D45
Natural	2	EC2-NA2-R12D45	CV-E2 NA2 R12D45
Finish	4	EC4-NA2-R12D45	CV-E4 NA2 R12D45
Alum.	6	EC6-NA2-R12D45	CV-E6 NA2 R12D45
Stainless	2	EC2-SS2 R12D45T4	CV-E2 SS2 R12D454
Steel	4	EC4-SS2 R12D45T4	CV-E4 SS2 R12D454
T-304	6	EC6-SS2 R12D45T4	CV-E6 SS2 R12D454
Stainless	2	EC2-SS2 R12D45T6	CV-E2 SS2 R12D456
Steel	4	EC4-SS2 R12D45T6	CV-E4 SS2 R12D456
T-316	6	EC6-SS2 R12D45T6	CV-E6 SS2 R12D456

A: 18.0" B: 8.0" plus channel width Nominal Engagement: 3.5" Larger radii available (18", 24", etc.)

Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	TC2-GC2-R12D90	CV-T2 MG2 R12D90
Galv.	4	TC4-GC2-R12D90	CV-T4 MG2 R12D90
Steel*	6	TC6-GC2-R12D90	CV-T6 MG2 R12D90
Natural	2	TC2-NA2-R12D90	CV-T2 NA2 R12D90
Finish	4	TC4-NA2-R12D90	CV-T4 NA2 R12D90
Alum.	6	TC6-NA2-R12D90	CV-T6 NA2 R12D90
Stainless	2	TC2-SS2 R12D90T4	CV-T2 SS2 R12D904
Steel	4	TC4-SS2 R12D90T4	CV-T4 SS2 R12D904
T-304	6	TC6-SS2 R12D90T4	CV-T6 SS2 R12D904
Stainless	2	TC2-SS2 R12D90T6	CV-T2 SS2 R12D906
Steel	4	TC4-SS2 R12D90T6	CV-T4 SS2 R12D906
T-316	6	TC6-SS2 R12D90T6	CV-T6 SS2 R12D906

A: 35.5" plus channel width B: 18.0" plus channel width Nominal Engagement: 3.5" Larger radii available (18", 24", etc.)

A: 35.5" plus channel width Nominal Engagement: 3.5" Larger radii available (18", 24", etc.)

Classifications of channels, splices, bends, pg. 28





12" Radius Bends



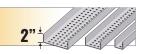
Metal Width Part No. **Cover Part No. Inside Channel Vertical** ICV2-GC2-R14D90 Hot-Dip 2 CV-I2 MG2 R14D90 90° Bend ICV4-GC2-R14D90 CV-I4 MG2 R14D90 Galv. 4 14" Radius Steel* ICV6-GC2-R14D90 CV-I6 MG2 R14D90 6 Natural 2 ICV2-NA2-R14D90 CV-I2 NA2 R14D90 Finish 4 ICV4-NA2-R14D90 CV-I4 NA2 R14D90 ICV6-NA2-R14D90 CV-I6 NA2 R14D90 Alum. 6 Stainless 2 ICV2 SS2 R14D90T4 CV-I2 SS2 R14D904 4 ICV4 SS2 R14D90T4 CV-I4 SS2 R14D904 Steel T-304 ICV6 SS2 R14D90T4 CV-I6 SS2 R14D904 6 Stainless 2 ICV2 SS2 R14D90T6 CV-I2 SS2 R14D906 ICV4 SS2 R14D90T6 CV-I4 SS2 R14D906 Steel 4 6 ICV6 SS2 R14D90T6 CV-I6 SS2 R14D906 T-316 A: 22.25" Includes 3/8" dia. bolting Nominal Engagement: 3.5" SR Larger radii available (18", 24", etc.) Width **Cover Part No.** Metal Part No. **Inside Channel Vertical** Hot-Dip 2 ICV2-GC2-R14D45 CV-I2 MG2 R14D45 45° Bend Galv. ICV4-GC2-R14D45 CV-I4 MG2 R14D45 4 14" Radius Steel* ICV6-GC2-R14D45 CV-I6 MG2 R14D45 6 Natural 2 ICV2-NA2-R14D45 CV-I2 NA2 R14D45 Finish 4 ICV4-NA2-R14D45 CV-I4 NA2 R14D45 Alum. ICV6-NA2-R14D45 CV-I6 NA2 R14D45 6 Stainless ICV2 SS2 R14D45T4 CV-I2 SS2 R14D454 2 Steel 4 ICV4 SS2 R14D45T4 CV-I4 SS2 R14D454 T-304 ICV6 SS2 R14D45T4 CV-I6 SS2 R14D454 6 R ICV2 SS2 R14D45T6 CV-I2 SS2 R14D456 Stainless 2 Steel 4 ICV4 SS2 R14D45T6 CV-I4 SS2 R14D456 T-316 ICV6 SS2 R14D45T6 CV-I6 SS2 R14D456 A: 21.75" B: 9.0" Includes 3/8" dia. bolting Nominal Engagement: 3.5" S_R Larger radii available (18", 24", etc.) Width Metal Part No. **Cover Part No. Outside Channel Vertical** Hot-Dip OCV2-GC2-R12D90 CV-O2 MG2 R12D90 2 90° Bend Galv. OCV4-GC2-R12D90 CV-O4 MG2 R12D90 4 12" Min. Radius Steel* 6 OCV6-GC2-R12D90 CV-O6 MG2 R12D90 OCV2-NA2-R12D90 Natural 2 CV-O2 NA2 R12D90 OCV4-NA2-R12D90 CV-04 NA2 R12D90 Finish 4 Alum. OCV6-NA2-R12D90 CV-O6 NA2 R12D90 6 Stainless OCV2 SS2 R12D90T4 CV-O2 SS2 R12D904 2 Steel 4 OCV4 SS2 R12D90T4 CV-O4 SS2 R12D904 T-304 OCV6 SS2 R12D90T4 CV-06 SS2 R12D904 6 Stainless 2 OCV2 SS2 R12D90T6 CV-O2 SS2 R12D906 4 OCV4 SS2 R12D90T6 CV-O4 SS2 R12D906 Steel T-316 6 OCV6 SS2 R12D90T6 CV-O6 SS2 R12D906 A: 20.00" Includes 3/8" dia. bolting Nominal Engagement: 3.5" OR 5.5" SR Larger radii available (18", 24", etc.) Metal Width Part No. **Cover Part No. Outside Channel Vertical** Hot-Dip OCV2-GC2-R12D45 CV-O2 MG2 R12D45 2 45° Bend Galv. 4 OCV4-GC2-R12D45 CV-O4 MG2 R12D45 12" Min. Radius Steel* OCV6-GC2-R12D45 CV-O6 MG2 R12D45 6 Natural 2 OCV2-NA2-R12D45 CV-O2 NA2 R12D45 Finish 4 OCV4-NA2-R12D45 CV-O4 NA2 R12D45 OCV6-NA2-R12D45 CV-O6 NA2 R12D45 6 Alum. Stainless 2 OCV2 SS2 R12D45T4 CV-O2 SS2 R12D454 OCV4 SS2 R12D45T4 CV-O4 SS2 R12D454 Steel 4 OCV6 SS2 R12D45T4 CV-O6 SS2 R12D454 T-304 6 Stainless 2 OCV2 SS2 R12D45T6 CV-O2 SS2 R12D456 OCV4 SS2 R12D45T6 CV-O4 SS2 R12D456 Steel 4 T-316 6 OCV6 SS2 R12D45T6 CV-O6 SS2 R12D456 A: 22.0"" B: 9.0" Includes 3/8" dia. bolting Nominal Engagement: 3.5" or 5.5" SR Larger radii available (18", 24", etc.)



Safety-Related options, pg. 2 11



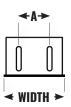




Tray Accessories

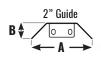


Channel End Cover



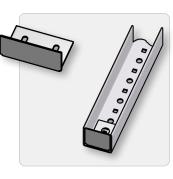
Includes 1/4" dia. bolting

Reduction Guide





Includes 3/8" dia. bolting



Metal	Width	A	Part No.
Stainless	2	0	CVE-CH2SS2T4
Steel	4	2	CVE-CH4SS2T4
T-304	6	4	CVE-CH6SS2T4
Stainless	2	0	-
Steel	4	2	-
T-316	6	4	-

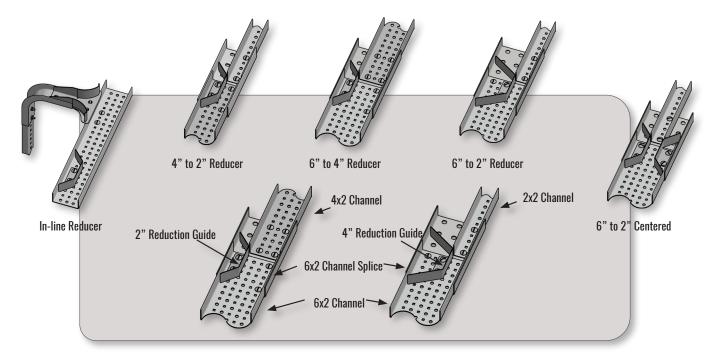
Channel End Covers are used where there is a requirement to enclose the end of a CABLE-RACE® tray. CABLE-RACE® End Covers are adjustable to make flush with the end of the tray.

Metal	Width	A	В	Part No.
Stainless	2	7.3"	2"	REG2SS2-T4RHLH
Steel T-304	4	8.5"	4"	REG4SS2-T4RHLH
Stainless	2	7.3"	2"	-
Steel T-316	4	8.5"	4"	-

Use with standard CABLE-RACE® splice fittings. Reduction Guides are adjustable to a desired flange alignment. Each deflector can be used for either right hand or left hand reduction. Fasteners included with each Reduction Guide.

Examples of Reduction Options:

۶R



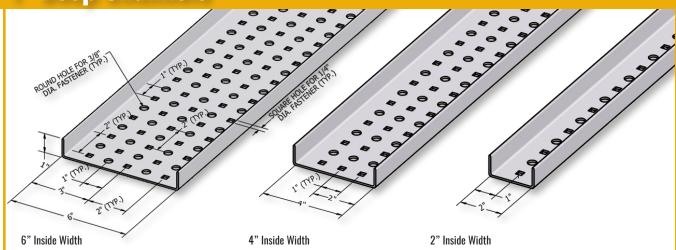
12







1 77 **Deep Channels**



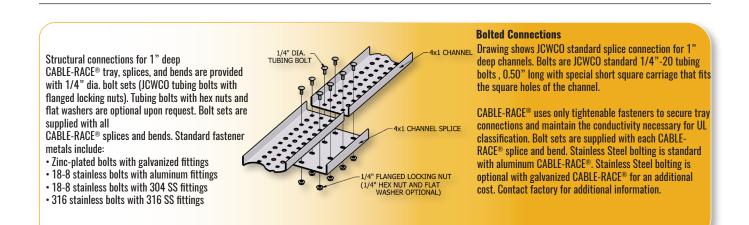
Channels - 1" Deep

1" deep CABLE-RACE® channel tray matches the widths and metals of our heavier 2" deep channels. Metal gages are lighter for some of the 1" deep channel members. Channel tray details are shown for standard part numbers, materials, widths, lengths, gages, and covers.

The punch patterns for 1" deep and 2" deep channel trays are identical except that the initial hole for 1" deep channel is a square hole for a 1/4" dia. fastener to match the hole pattern of CABLE-RACE® splice and bend fittings. The hole pattern in 1" deep CABLE-RACE® channel is compatible with 2" deep fittings by using round holes and the 3/8" dia. fasteners provided with each CABLE-RACE® 2" deep fitting. See page 28 for Load and Deflection information.

Note: 1" wide Stainless Steel CABLE-RACE® is not UL Classified.

	Metal	Width	Channel Part No.	Chan. Gage	Chan. Length	Cover Part No.	Cover Length
	Hot-Dip	2	CH2-GC1	14	20/	CV-CH2-MG	10′
	Galv.	4	CH4-GC1	14	20'	CV-CH4-MG	10
	Steel*	6	CH6-GC1-144	14	12'	CV-CH6-MG-144	12'
	Natural	2	CH2-NA1-144			CV-CH2-NA-144	
	Finish	4	CH4-NA1-144	14	12'	CV-CH4-NA-144	12'
	Alum.	6	CH6-NA1-144			CV-CH6-NA-144	
	Stainless	2	CH2-SS1T4-144-6			CV-CH2-SS4-144	
	Steel	4	CH4-SS1T4-144-6	16	12′	CV-CH4-SS4-144	12′
p	T-304	6	CH6-SS1T4-144-6			CV-CH6-SS4-144	
	Stainless	2	CH2-SS1T6-144-6			CV-CH2-SS6-144	
	Steel	4	CH4-SS1T6-144-6	16	12′	CV-CH4-SS6-144	12′
	T-316	6	CH6-SS1T6-144-6			CV-CH6-SS6-144	



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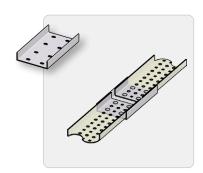
*Fittings are HDGF; Covers are mill-galvanized







Splice Channel



Metal	Width	Part No.	Cover Part No.			
Hot-Dip	2	SC2-GC1	CV-S2MG1			
Galv.	4	SC4-GC1	CV-S4MG1			
Steel*	6	SC6-GC1	CV-S6MG1			
Natural	2	SC2-NA1	CV-S2NA1			
Finish	4	SC4-NA1	CV-S4NA1			
Alum.	6	SC6-NA1	CV-S6NA1			
Stainless	2	SC2-SS1T4	CV-S2SS1T4			
Steel	4	SC4-SS1T4	CV-S4SS1T4			
T-304	6	SC6-SS1T4	CV-S6SS1T4			
Stainless	2	SC2-SS1T6	CV-S2SS1T6			
Steel	4	SC4-SS1T6	CV-S4SS1T6			
T-316	6	SC6-SS1T6	CV-S6SS1T6			
A: 7.88"						

Includes 1/4" dia. bolting

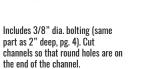
Transition Splice Right Hand

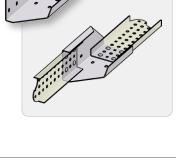


Includes 3/8" dia. bolting (same part as 2" deep, pg. 4). Cut channels so that round holes are on the end of the channel.

Transition Splice Left Hand







Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	SCT2-GC2-RH	-
Galv.	4	SCT4-GC2-RH	-
Steel*	6	SCT6-GC2-RH	-
Natural	2	SCT2-NA2-RH	-
Finish	4	SCT4-NA2-RH	-
Alum.	6	SCT6-NA2-RH	-
Stainless	2	SCT2-SS2T4-RH	-
Steel	4	SCT4-SS2T4-RH	-
T-304	6	SCT6-SS2T4-RH	-
Stainless	2	SCT2-SS2T6-RH	-
Steel	4	SCT4-SS2T6-RH	-
T-316	6	SCT6-SS2T6-RH	-

A: 10.50"

Nominal Engagement: 3.5"

Nominal Engagement: 3.5"

Transition Splices are marked with "L" or "R" to indicate Left or Right

Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	SCT2-GC2-LH	-
Galv.	4	SCT4-GC2-LH	-
Steel*	6	SCT6-GC2-LH	-
Natural	2	SCT2-NA2-LH	-
Finish	4	SCT4-NA2-LH	-
Alum.	6	SCT6-NA2-LH	-
Stainless	2	SCT2-SS2T4-LH	-
Steel	4	SCT4-SS2T4-LH	-
T-304	6	SCT6-SS2T4-LH	-
Stainless	2	SCT2-SS2T6-LH	-
Steel	4	SCT4-SS2T6-LH	-
T-316	6	SCT6-SS2T6-LH	-

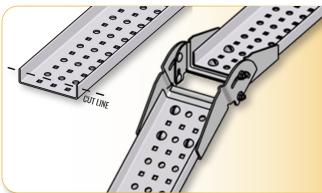
.5"

rked with "L" or "R"

Matching Punch Patterns (1" and 2" deep channels)

JCWCO 1" deep channels will fit with splices and bends for 2" deep channels. The punch patterns of the two tray depths are the same except for the starting holes in CABLE-RACE® stock tray sections. To connect 1" deep channels to 2" deep splices and bends with 3/8" bolting, cut 1" deep tray channels so that round holes are on the connecting ends to accommodate the 3/8" bolting provided with the specific CABLE-RACE® fitting. **Fittings with universal 3/8" bolting include:**

- Transition splices
- Vertical adjustable bends (shown left)
- Horizontal adjustable bends
- 6" or 12" radius bends
 Special 18", 24" or larger radius bends



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	Steel	4	SC
	T-304	6	SC
>	Stainless	2	SC
	Steel	4	SC
	T-316	6	SC
	A: 10.50" Nominal Eng Transition to indicate		





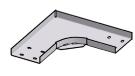
3" Radius Bends



Elbow Channel 90° Bend

3" Min. Radius





Metal Width Part No. **Cover Part No.** EC2-GC1-R3D90 CV-E2MG2 R3D90 Hot-Dip 2 Galv. EC4-GC1-R3D90 CV-E4MG2 R3D90 4 Steel* EC6-GC1-R3D90 CV-E6MG2 R3D90 6 Natural EC2-NA1-R3D90 CV-E2NA2 R3D90 2 EC4-NA1-R3D90 CV-E4NA2 R3D90 Finish 4 EC6-NA1-R3D90 CV-E6NA2 R3D90 Alum. 6 Stainless EC2-SS1-R3D90T4 CV-E2SS2 R3D90T4 2 Steel EC4-SS1-R3D90T4 CV-E4SS2 R3D90T4 4 T-304 6 EC6-SS1-R3D90T4 CV-E6SS2 R3D90T4 EC2-SS1-R3D90T6 Stainless 2 CV-E2SS2 R3D90T6 Steel 4 EC4-SS1-R3D90T6 CV-E4SS2 R3D90T6 T-316 6 EC6-SS1-R3D90T6 CV-E6SS2 R3D90T6

A: 7.25" plus channel width Nominal Engagement: 3.5"

Nominal Engagement: 3.5"

Width

2

4

Metal

Hot-Dip

Galv.

Elbow Channel 45° Bend 3" Min. Radius



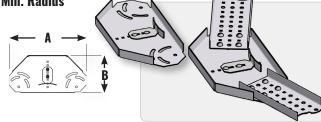


Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	EC2-GC1-R3D45	CV-E2MG2 R3D45
Galv.	4	EC4-GC1-R3D45	CV-E4MG2 R3D45
Steel*	6	EC6-GC1-R3D45	CV-E6MG2 R3D45
Natural	2	EC2-NA1-R3D45	CV-E2NA2 R3D45
Finish	4	EC4-NA1-R3D45	CV-E4NA2 R3D45
Alum.	6	EC6-NA1-R3D45	CV-E6NA2 R3D45
Stainless	2	EC2-SS1-R3D45T4	CV-E2SS2 R3D45T4
Steel	4	EC4-SS1-R3D45T4	CV-E4SS2 R3D45T4
T-304	6	EC6-SS1-R3D45T4	CV-E6SS2 R3D45T4
Stainless	2	EC2-SS1-R3D45T6	CV-E2SS2 R3D45T6
Steel	4	EC4-SS1-R3D45T6	CV-E4SS2 R3D45T6
T-316	6	EC6-SS1-R3D45T6	CV-E6SS2 R3D45T6
A: 9.0" B: 4.0" plus channel width			

Part No.

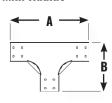
Includes 1/4" dia. bolting

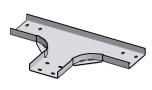
Horizontal Elbow Adjustable Bend (0-90°) Patent No.: US 8,573,409 B2 3" Min. Radius



Includes 3/8" dia. bolts and locking nuts. Cut tray channels so that round holes are on the connecting ends.

Tee Channel 90° Bend 3" Min. Radius





Includes 1/4" dia. bolting

Steel*	6	EC6-GC1-R3DA	-
Natural	2	EC2-NA1-R3DA	-
Finish	4	EC4-NA1-R3DA	-
Alum.	6	EC6-NA1-R3DA	-
Stainless	2	EC2-SS1-R3DAT4	-
Steel	4	EC4-SS1-R3DAT4	-
T-304	6	EC6-SS1-R3DAT4	-
Stainless	2	EC2-SS1-R3DAT6	-
Steel	4	EC4-SS1-R3DAT6	-
T-316	6	EC6-SS1-R3DAT6	-
2" Width Tr	av: A = 11"	', B = 7" (nominal dim.)	
		", B = 8" (nominal dim.)	

EC2-GC1-R3DA

EC4-GC1-R3DA

6" Width Tray: A = 14", B = 10" (nominal dim.) Nominal Engagement: 3.5"

Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	TC2-GC1-R3D90	CV-T2MG2 R3D90
Galv.	4	TC4-GC1-R3D90	CV-T4MG2 R3D90
Steel*	6	TC6-GC1-R3D90	CV-T6MG2 R3D90
Natural	2	TC2-NA1-R3D90	CV-T2NA2 R3D90
Finish	4	TC4-NA1-R3D90	CV-T4NA2 R3D90
Alum.	6	TC6-NA1-R3D90	CV-T6NA2 R3D90
Stainless	2	TC2-SS1-R3D90T4	CV-T2SS2 R3D90T4
Steel	4	TC4-SS1-R3D90T4	CV-T4SS2 R3D90T4
T-304	6	TC6-SS1-R3D90T4	CV-T6SS2 R3D90T4
Stainless	2	TC2-SS1-R3D90T6	CV-T2SS2 R3D90T6
Steel	4	TC4-SS1-R3D90T6	CV-T4SS2 R3D90T6
T-316	6	TC6-SS1-R3D90T6	CV-T6SS2 R3D90T6

A: 14.25" plus channel width B: 7.25" plus channel width Nominal Engagement: 3.5"



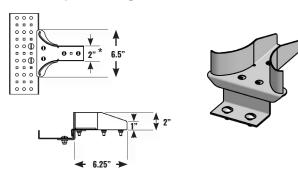
Cover Part No.







Horizontal Drop-Out Fitting



Metal	Width	Part No.
Stainless Steel T-304		DHC2-SS2-1T4
Stainless Steel T-316	2	

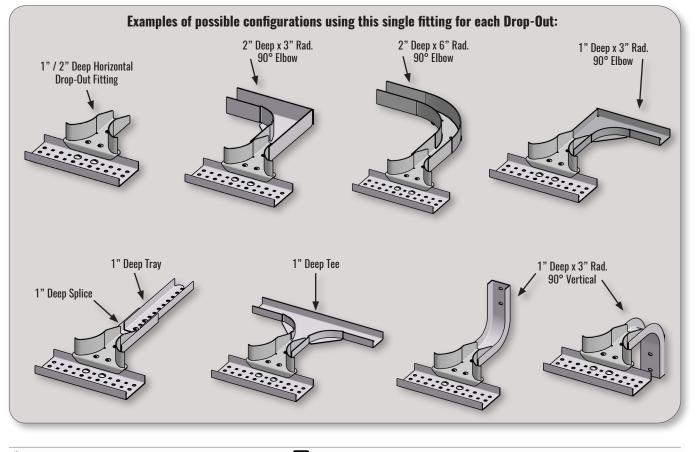
Nominal Engagement: 3.5"

See pg. 7 for Horizontal Drop-Out Fitting for 2" deep tray

* Same width as standard 2" wide CABLE-RACE® tray. Use with any CABLE-RACE® or TUBETRACK® fitting.

Attachable Horizontal Drop-Out Fitting

- Drop-Out to an instrumentation station or work station •
- Bolt directly to any 1" deep CABLE-RACE® 2", 4", or 6" wide tray •
- No need to cut or modify existing mainline tray •
- •
- Drop-Out at any point along the CABLE-RACE® main line tray Extend using any 2" wide CABLE-RACE® or TUBETRACK® tray fitting •
- Use single Drop-Out fitting with a CABLE-RACE® fitting for desired configuration •
- All CABLE-RACE® fittings include required fasteners •
- Includes mounting bracket and fasteners for connection to 1" deep tray •
- Available in stainless steel fits CABLE-RACE® tray of any metal



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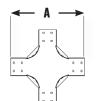


3" Radius Bends



Cross Channel 90° Bend

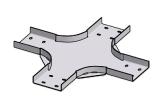
3" Min. Radius



Includes 1/4" dia. bolting

Inside Channel Vertical

90° Bend 3" Radius



Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	KC2-GC1-R3D90	CV-K2MG2 R3D90
Galv.	4	KC4-GC1-R3D90	CV-K4MG2 R3D90
Steel*	6	KC6-GC1-R3D90	CV-K6MG2 R3D90
Natural	2	KC2-NA1-R3D90	CV-K2NA2 R3D90
Finish	4	KC4-NA1-R3D90	CV-K4NA2 R3D90
Alum.	6	KC6-NA1-R3D90	CV-K6NA2 R3D90
Stainless	2	KC2-SS1-R3D90T4	CV-K2SS2 R3D90T4
Steel	4	KC4-SS1-R3D90T4	CV-K4SS2 R3D90T4
T-304	6	KC6-SS1-R3D90T4	CV-K6SS2 R3D90T4
Stainless	2	KC2-SS1-R3D90T6	CV-K2SS2 R3D90T6
Steel	4	KC4-SS1-R3D90T6	CV-K4SS2 R3D90T6
T-316	6	KC6-SS1-R3D90T6	CV-K6SS2 R3D90T6

A: 14.25" plus channel width Nominal Engagement: 3.5"

1			
Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	ICV2-GC1-R3D90	CV-I2MG1 R3D90
Galv.	4	ICV4-GC1-R3D90	CV-I4MG1 R3D90
Steel*	6	ICV6-GC1-R3D90	CV-I6MG1 R3D90
Natural	2	ICV2-NA1-R3D90	CV-I2NA1 R3D90
Finish	4	ICV4-NA1-R3D90	CV-I4NA1 R3D90
Alum.	6	ICV6-NA1-R3D90	CV-I6NA1 R3D90
Stainless	2	ICV2-SS1 R3D90T4	CV-I2SS1 R3D90T4
Steel	4	ICV4-SS1 R3D90T4	CV-I4SS1 R3D90T4
T-304	6	ICV6-SS1 R3D90T4	CV-I6SS1 R3D90T4
Stainless	2	ICV2-SS1 R3D90T6	CV-I2SS1 R3D90T6
Steel	4	ICV4-SS1 R3D90T6	CV-I4SS1 R3D90T6
T-316	6	ICV6-SS1 R3D90T6	CV-I6SS1 R3D90T6

A: 7.25"

Nominal Engagement: 3.5"

Includes 1/4" dia. bolting

Inside Channel Vertical 45° Bend 3" Radius

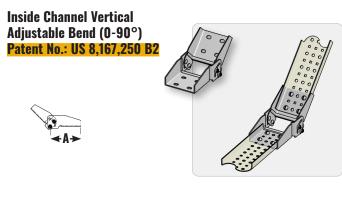


Includes 1/4" dia. bolting



Metal Width Part No. **Cover Part No.** Hot-Dip ICV2-GC1-R3D45 CV-I2MG1 R3D45 2 Galv. 4 ICV4-GC1-R3D45 CV-I4MG1 R3D45 Steel* ICV6-GC1-R3D45 CV-I6MG1 R3D45 6 Natural 2 ICV2-NA1-R3D45 CV-I2NA1 R3D45 ICV4-NA1-R3D45 CV-I4NA1 R3D45 Finish 4 ICV6-NA1-R3D45 CV-I6NA1 R3D45 Alum. 6 Stainless 2 ICV2-SS1 R3D45T4 CV-I2SS1 R3D45T4 ICV4-SS1 R3D45T4 Steel CV-I4SS1 R3D45T4 4 ICV6-SS1 R3D45T4 T-304 6 CV-I6SS1 R3D45T4 Stainless ICV2-SS1 R3D45T6 CV-I2SS1 R3D45T6 2 ICV4-SS1 R3D45T6 Steel 4 CV-I4SS1 R3D45T6 T-316 ICV6-SS1 R3D45T6 CV-I6SS1 R3D45T6 6 B: 4.5"

A: 10.75" Nominal Engagement: 3.5"



Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	ICV2-GC2-DA	-
Galv.	4	ICV4-GC2-DA	-
Steel	6	ICV6-GC2-DA	-
Natural	2	ICV2-NA2-DA	-
Finish	4	ICV4-NA2-DA	-
Alum.	6	ICV6-NA2-DA	-
Stainless	2	ICV2-SS2-DAT4	-
Steel	4	ICV4-SS2-DAT4	-
T-304	6	ICV6-SS2-DAT4	-
Stainless	2	ICV2-SS2-DAT6	-
Steel	4	ICV4-SS2-DAT6	-
T-316	6	ICV6-SS2-DAT6	-

A: 6

Nominal Engagement: 3.5" SR

Includes 3/8" dia. bolting (same part as 2" deep, page 8). Cut channels so that round holes are on the connecting end.





Width

2

4

6

2

4

6

2

4

6

2

4

6

Nominal Engagement: 3.5"

Metal

Hot-Dip

Galv.

Steel*

Natural

Finish

Alum.

Steel

T-304

Steel T-316

A: 8.0"

A: 11.75"

Nominal Engagement: 3.5"

Stainless

Stainless



Cover Part No.

CV-O2MG1 R3D90

CV-O4MG1 R3D90

CV-O6MG1 R3D90

CV-O2NA1 R3D90

CV-O4NA1 R3D90

CV-O6NA1 R3D90

CV-02SS1 R3D90T4

CV-O4SS1 R3D90T4

CV-06SS1 R3D90T4

CV-02SS1 R3D90T6

CV-O4SS1 R3D90T6

CV-O6SS1 R3D90T6

Outside Channel Vertical 90° Bend 3" Min. Radius





Includes 1/4" dia. bolting

Outside Channel Vertical 45° Bend 3" Min. Radius





Metal Width Part No. **Cover Part No.** Hot-Dip OCV2-GC1-R3D45 CV-O2MG1 R3D45 2 Galv. OCV4-GC1-R3D45 CV-O4MG1 R3D45 4 Steel* OCV6-GC1-R3D45 CV-O6MG1 R3D45 6 Natural 2 OCV2-NA1-R3D45 CV-O2NA1 R3D45 Finish 4 OCV4-NA1-R3D45 CV-O4NA1 R3D45 Alum. OCV6-NA1-R3D45 CV-06NA1 R3D45 6 Stainless OCV2-SS1 R3D45T4 CV-02SS1 R3D45T4 2 Steel 4 OCV4-SS1 R3D45T4 CV-O4SS1 R3D45T4 T-304 6 OCV6-SS1 R3D45T4 CV-06SS1 R3D45T4 OCV2-SS1 R3D45T6 CV-O2SS1 R3D45T6 Stainless 2 Steel 4 OCV4-SS1 R3D45T6 CV-O4SS1 R3D45T6 T-316 OCV6-SS1 R3D45T6 CV-06SS1 R3D45T6

B: 4.5"

Part No.

OCV2-GC1-R3D90

OCV4-GC1-R3D90

OCV6-GC1-R3D90

OCV2-NA1-R3D90

OCV4-NA1-R3D90

OCV6-NA1-R3D90

OCV2-SS1 R3D90T4

OCV4-SS1 R3D90T4

OCV6-SS1 R3D90T4

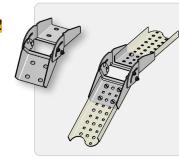
OCV2-SS1 R3D90T6

OCV4-SS1 R3D90T6

OCV6-SS1 R3D90T6

Includes 1/4" dia. bolting

Outside Channel Vertical Adjustable Bend (0-90°) <mark>Patent No.: US 8,167,250 B2</mark>



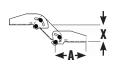
Metal	Width	Part No.	Cover Part No.
Hot-Dip	2	OCV2-GC2-DA	-
Galv.	4	OCV4-GC2-DA	-
Steel	6	OCV6-GC2-DA	-
Natural	2	OCV2-NA2-DA	-
Finish	4	OCV4-NA2-DA	-
Alum.	6	OCV6-NA2-DA	-
Stainless	2	OCV2-SS2-DAT4	-
Steel	4	OCV4-SS2-DAT4	-
T-304	6	OCV6-SS2-DAT4	-
Stainless	2	OCV2-SS2-DAT6	-
Steel	4	OCV4-SS2-DAT6	-
T-316	6	OCV6-SS2-DAT6	-

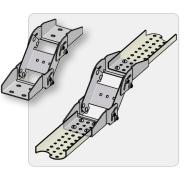
SR

A: 5.25" Nominal Engagement: 3.5"

Includes 3/8" dia. bolting (same part as 2" deep, page 9). Cut channels so that round holes are on the connecting end.

Offset Channel Vertical Adjustable Bend (0-90°) Patent No.: US 8,167,250 B2





Metal	Width	Part No. Cover Part No.	
Hot-Dip	2	OCV2-GC2-DDA5	-
Galv.	4	OCV4-GC2-DDA5	-
Steel	6	OCV6-GC2-DDA5	-
Natural	2	OCV2-NA2-DDA5	-
Finish	4	OCV4-NA2-DDA5	-
Alum.	6	OCV6-NA2-DDA5	-
Stainless	2	OCV2-SS2-DDA5T4	-
Steel	4	OCV4-SS2-DDA5T4	-
T-304	6	OCV6-SS2-DDA5T4	-
Stainless	2	OCV2-SS2-DDA5T6	-
Steel	4	OCV4-SS2-DDA5T6	-
T-316	6	OCV6-SS2-DDA5T6	-

A: 6" Nominal Engagement: 3.5" X: Offset at 45° (shown) 3.25" Max. offset (bends at 90°) 5"

S_R

Classifications of channels, splices, bends, pg. 28

Safety-Related options, pg. 2

*Fittings are HDGF; Covers are mill-galvanized





Width

2

4

6

2

4

A

0

2

4

0

2

4

Part No.

CVE-CH2SS1T4

CVE-CH4SS1T4

CVE-CH6SS1T4

Channel End Covers are used where there is a requirement to enclose the end of a CABLE-RACE $^{\otimes}$ tray. CABLE-RACE $^{\otimes}$ End Covers are adjustable to make flush with

Metal

Stainless

Stainless

the end of the tray.

Steel

T-304

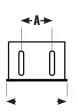
Steel

T-316

۶R



Channel End Cover

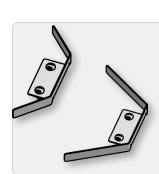


Includes 1/4" dia. bolting

Reduction Guide





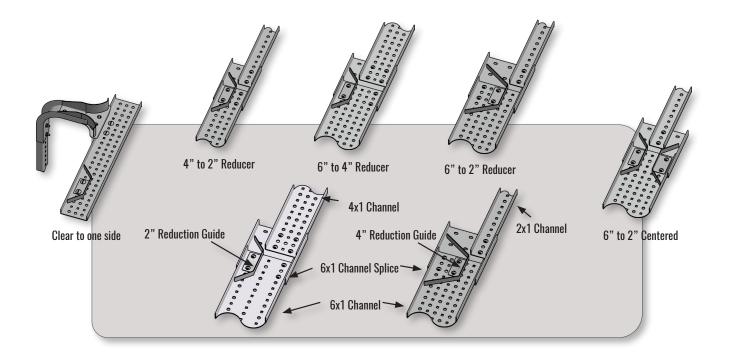


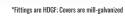
Metal	Width	A	В	Part No.
Stainless	2	7.3"	2"	REG2SS1-T4RHLH
Steel T-304	4	8.5"	4"	REG4SS1-T4RHLH
Stainless	2	7.3"	2"	-
Steel T-316	4	8.5"	4"	-

Use with standard CABLE-RACE® splice fittings. Reduction Guides are adjustable to a desired flange alignment. Each deflector can be used for either right hand or left hand reduction. Fasteners included with each Reduction Guide.

S_R

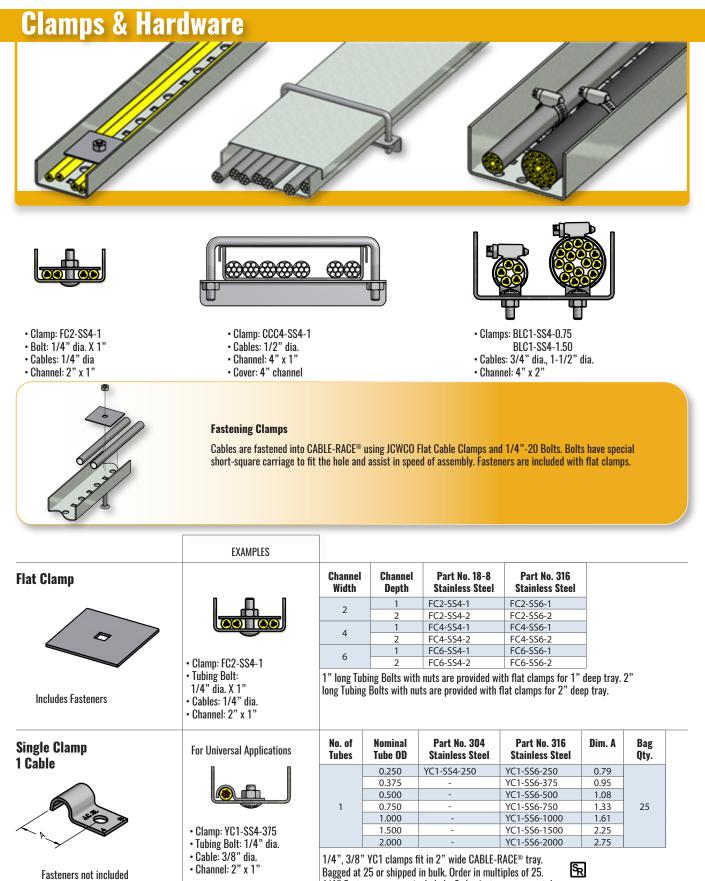
Examples of Reduction Options:











Fasteners not included



1/4" Fasteners are not included - Order fasteners separately.





Duplex Clamp 2 Cables	For Universal Applications	Cables	Tube OD 0.250 0.375	Stainles: - -	s Steel Stainles DPC2-SS6- DPC2-SS6-	-250	Q
		2	0.375				
Ladies		2		-	DPC2-SS6-	-375	
23		2					1.60 2
13			0.500	-	DPC2-SS6- DPC2-SS6-		1.86 2.52
	THE AND		1.000	-	DPC2-SS6-		3.03 1
Fasteners not included	 Clamp: DPC2-SS4-500 Hex Bolt: 1/4" dia. x 3/4" Cable: 1/2" dia. Channel: 2" x 1" 	Bagged at	25 per bag or	shipped in b	fit in 2" wide CABLE-R/ pulk. Order in multiples der fasteners separate	of 25.	
Bundle Lock Clamp		No. of Bundles	Min. OD of Bundle	Max OD Bundle			
		Dunutos				<u>"</u>	
			0.625	0.750		_	
A CM			0.730	1.000			
THE THE			1.000	1.250			
		1	1.250	1.500		10	
	l literation of the second sec	1	1.375	1.750		10	
			1.750	2.000			
			2.000	2.250			
and the second s	Clamp: BLC1-SS4-150		2.250	2.750			
	Bolt: Included		2.750	3.500	BLC1-SS4-3.50 e, bolt, and nut.		
ındle Lock Clamp rge, Anchor		CAUTION: (No. of Bundles	Consider linear Min. OD Bundle 1.5"	r thermal ex Max OD Bundle 2.4"	pansion. Part No. 304 Stainl Steel 3-Direction BLC1W-SS4-200		V
			2.3"	3.1"	BLC1W-SS4-250	4"	
	$\left(\left(0 \right) \right)$	1	2.8"	3.4"	BLC1W-SS4-300	4"	
- And and a second			3.3"	4.1"	BLC1W-SS4-350	4"	
			3.8"	4.6"	BLC1W-SS4-400	4"	
undle Lock Clamp arge, Expansion	cludes fasteners	RACE® cha Fasteners i	innel tray. This included for C/	3-direction	a horizontal or vertical a al clamp locks bundle i 6 " x 2" tray. hermal expansion Part No. 304 Stainless Steel 2-Directional		
—			1.5	2.4	BLC1W-S4-200-E2	4"	2"
Contraction of the second seco	$\left(\circ \right) / /$		2.3	3.1	BLC1W-S4-250-E2	4"	2"
			2.8"	3.4"	BLC1W-S4-300-E2	4"	2"
	~		3.3"	4.1"	BLC1W-S4-350-E2	4"	2" 2"
		1	3.8"	4.6" 2.4	BLC1W-S4-400-E2 BLC1W-S4-200-E4	4"	<u>2"</u> 4"
			2.3	3.1	BLC1W-S4-200-E4 BLC1W-S4-250-E4	4"	4"
			2.5	3.4"	BLC1W-S4-230-E4 BLC1W-S4-300-E4	4	4"
	K		3.3"	4.1"	BLC1W-S4-350-E4	4"	4"
4 1	///		3.8"	4.6"	BLC1W-S4-400-E4	4"	4"
	Expansion				s in horizontal or vertic al clamp holds bundle i		







Clamps

	EXAMPLES				
Channel Cover Clamp		Channel Width	Channel Depth	Part No. Cover Clamp for Channel	Part No. Cover Clamp for Fittings
		2	1	CCC2-SS4-1	FCC2-SS4-1
		2	2	CCC2-SS4-2	FCC2-SS4-2
			1	CCC4-SS4-1	FCC4-SS4-1
	τ τ	4	2	CCC4-SS4-2	FCC4-SS4-2
	• Clamp: CCC2-SS4-1 • Channel: 2" x 1"	steel. Strai Cover Clan	ght length co 1ps ("CCC"),	vers (10 ft. and 12 ft. long and fitting covers usually r	uts, all in 300 series stainless) usually require three Channe equire one Fitting Cover Clam " to indicate Channel or Fittir
Sold Separately from Cover					



Hardware

	1					
ICWCO Tubing Bolt		Bolt Length	Part No. Zinc Plated Steel	Part No. 18-8 Stainless Steel	Part No. 316 Stain- less Steel	Bag Qty.
/4" Dia., 20 NC Thread		0.50	TBZN-250X0.50	TBSS4-250X0.50	TBSS6-250X0.50	
		0.75	TBZN-250X0.75	TBSS4-250X0.75	TBSS6-250X0.75	
		1.00	-	TBSS4-250X1.00	TBSS6-250X1.00	
		1.25	TBZN-250X1.25	TBSS4-250X1.25	TBSS6-250X1.25	25
		1.50	-	TBSS4-250X1.50	TBSS6-250X1.50	23
		2.00	TBZN-250X2.00	TBSS4-250X2.00	TBSS6-250X2.00	
		3.00	TBZN-250X3.00	TBSS4-250X3.00	TBSS6-250X3.00	
	Tubing Bolt 2" long Nuts sold separately	Bagged 2 Low profi	nort square carriage fit 5 per bag, or shipped i le JCWCO Tubing Bolts ay fittings and Flat Clai	n bulk. Order in multip are provided with all s		-
lex Head Bolts		1/4" Diame	eter			
/4" Dia., 20 NC Thread		Bolt Length	Part No. Zinc Plated Steel	Part No. 18-8 Stainless Steel	Part No. 316 Stain- less Steel	Bag Qty.
	n n	0.75	-	MBSS4-250X0.75	_	
		1.00	-	MBSS4-250X0.75	_	
		1.50		MBSS4-250X1.50	-	25
(IIIIIIII)		2.00	-	MBSS4-250X1.50	-	
		3/8" Diame	ter	MD334 23072.00		
	Hey Head Dalt 2/4" Lang with	1.50	-	MBSS4-375X1.50	-	
	Hex Head Bolt 3/4" Long with	2.00	-	MBSS4-375X2.00	-	
	Flange Lock Nut	2.50	-	MBSS4-375X2.50	-	
	Nuts sold separately	3.00	-	MBSS4-375X3.00	-	25
	,	3.50	-	MBSS4-375X3.50	-	
		4.00	-	MBSS4-375X4.00	-	
		5.00	-	MBSS4-375X5.00	-	
			per bag, or shipped in			
Truss-Head Bolts 3/8" Dia., 16 NC Thread		Bolt Length	Part No. Zinc Plated Steel	Stainless Steel	Part No. 316 Stainless	Bag Qty.
Slotted		0.75	THBZN-375X0.75 THBZN-375X1.00	THBSS4-375X0.75	THBSS6-375X0.75 THBSS6-375X1.00	25
		Low profil RACE® tra	5 per bag, or shipped i le JCWCO Truss Head E	Bolts are provided with ional bolts with nuts a	les of 25. all standard 2" deep C/ nd hardware to be used t	
lex & Flange Lock Nuts		Low profil RACE® tra	5 per bag, or shipped i le JCWCO Truss Head E ay fittings. Order addit 1" and 2" deep tray, s	Bolts are provided with ional bolts with nuts a	all standard 2" deep CA	
lex & Flange Lock Nuts		Low profil RACE® tra mounting	5 per bag, or shipped i le JCWCO Truss Head E ay fittings. Order addit 1" and 2" deep tray, s	Bolts are provided with ional bolts with nuts a spares, etc.	all standard 2" deep C/ nd hardware to be used t	for
ex & Flange Lock Nuts		Low profil RACE® tra mounting	5 per bag, or shipped i le JCWCO Truss Head E ay fittings. Order addit 1" and 2" deep tray, s .250" Part No. Zinc Plater	Bolts are provided with ional bolts with nuts a spares, etc. d Part No. 18-8 St	all standard 2" deep C/ nd hardware to be used to ain- Part No. 316 S i	for tain-
ex & Flange Lock Nuts		Low profil RACE® tra mounting Nut Size O Type	5 per bag, or shipped i le JCWCO Truss Head E ay fittings. Order addit 1" and 2" deep tray, s .250" Part No. Zinc Plater Steel	Bolts are provided with ional bolts with nuts a spares, etc.	all standard 2" deep C/ nd hardware to be used ain- Part No. 316 St less Steel	for tain-
ex & Flange Lock Nuts		Low profil RACE® tra mounting Nut Size 0 Type Hex Nut Locking	5 per bag, or shipped i le JCWCO Truss Head E ay fittings. Order addit 1" and 2" deep tray, s .250" Part No. Zinc Plater Steel HN-ZN-250 HNFL-ZN-250	Bolts are provided with ional bolts with nuts a spares, etc.	ail standard 2" deep C/ nd hardware to be used ain- Part No. 316 St less Steel HN-SS6-250	for tain-
Iex & Flange Lock Nuts		Low profil RACE® tra- mounting Nut Size O Type Hex Nut Locking Flange	5 per bag, or shipped i le JCWCO Truss Head E ay fittings. Order addit 1" and 2" deep tray, s .250" Part No. Zinc Plater Steel HN-ZN-250 HNFL-ZN-250	Bolts are provided with ional bolts with nuts a spares, etc.	ain- HN-SS6-250 HNFL-SS6-250	for kain- E (
ex & Flange Lock Nuts		Low profil RACE® tra- mounting Nut Size 0 Type Hex Nut Locking Flange Nut Size 0	5 per bag, or shipped i be JCWCO Truss Head E ay fittings. Order addit 1" and 2" deep tray, s 250" Part No. Zinc Plater Steel HN-ZN-250 HNFL-ZN-250 HNFL-ZN-250 D.375" Part No. Zinc Plater	Bolts are provided with ional bolts with nuts a spares, etc. Part No. 18-8 St less Steel HN-SS4-250 HNFL-SS4-250 A Part No. 18-8 St	ain- Part No. 316 Si less Steel HN-SS6-250 HNFL-SS6-250 ain- Part No. 316 Si	for Lain- E C Lain- E
Iex & Flange Lock Nuts		Low profil RACE® tra- mounting Nut Size O Type Hex Nut Locking Flange Nut Size O Type	5 per bag, or shipped i le JCWCO Truss Head E ay fittings. Order addit 1" and 2" deep tray, s 250" Part No. Zinc Plater Steel HN-ZN-250 HNFL-ZN-250 0.375" Part No. Zinc Plater Steel	Bolts are provided with ional bolts with nuts a spares, etc.	ain- Part No. 316 Si Part No. 316 Si Part No. 316 Si HNFL-SS6-250 HNFL-SS6-250 Ain- Part No. 316 Si less Steel	for Lain- E C Lain- E



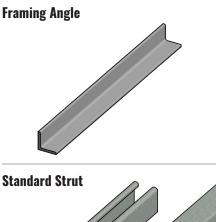


		EXAMPLES	Washer Si	ze 0.250"			
Washers			Туре	Part No. Zinc Plated Steel	Part No. 18-8 Sta less Steel	in- Part No. 316 St less Steel	
			Flat	FLW-ZN-250	FLW-SS4-250	FLW-SS6-250	
			Lock	LKW-ZN-250	LKW-SS4-250	LKW-SS6-250	
0		Washer S	ize 0.375"				
			Туре	Part No. Zinc Plated Steel	Part No. 18-8 Sta less Steel	in- Part No. 316 Si less Steel	
			Flat	FLW-ZN-375	FLW-SS4-375	FLW-SS6-375	
		Lock	LKW-ZN-375	LKW-SS4-375	LKW-SS6-375		
			Bagged 2	5 per bag, or shipped in	ı bulk. Order in multipl	les of 25.	
	Thread		Bagged 2	5 per bag, or shipped in Part No. Zinc Plated Steel	bulk. Order in multipl Part No. 18-8 Stainless Steel	les of 25. Part No. 316 Stain- less Steel	Bag Qty.
	; Thread			Part No. Zinc Plated Steel	Part No. 18-8	Part No. 316 Stain-	
	; Thread		Nut Type	Part No. Zinc Plated Steel WN-ZN-250	Part No. 18-8 Stainless Steel	Part No. 316 Stain- less Steel	
Nuts, Specialty 1/4" Dia., 20 NC	; Thread		Nut Type Wing	Part No. Zinc Plated Steel WN-ZN-250	Part No. 18-8 Stainless Steel WN-SS4-250	Part No. 316 Stain- less Steel	Qty.





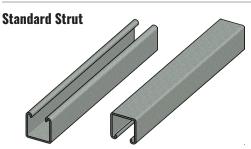
Supplementary Materials



Width	Metal	Part No.
2"	A-36 HRS Hot-Dip Galvanized Steel	A2FR25GCU-240
3"	A-36 HRS Hot-Dip Galvanized Steel	A3FR25GCU-240

1/4" thick, 20' length.

Non-perforated, hot-dip galvanized A-36 HRS structural steel angle for field fabrication.



	-	-
Metal	Part No.	Length
Hot-Dip Galv. Steel	ST200-GC	20'
Pre-Galv. Steel	ST200-PG	20
Stainless Steel T-304	ST200-S4	10
Stainless Steel T-316	ST200-S6	10'

1-5/8" x 1-5/8" x 12ga. Standard Strut with no holes.

Metal	Part No.	Length
Hot-Dip Galv. Steel	ST200-GC-H3	201
Pre-Galv. Steel	ST200-PG-H3	20'

1-5/8" x 1-5/8" x 12ga. Standard strut with 9/16" round holes (all sides) on 1-7/8" centers.

Will fit JCWCO Strut Connectors & Strut Bases in 90° orientation without drilling holes. See pages 26-27.

Strut wit	h Elongated Holes	
	RA	
		0
		0
	// / /0	
	1/0	

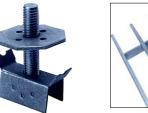
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Metal	Part No.	Length
Hot-Dip Galv. Steel	ST200-GC-EH	20'
Pre-Galv. Steel	ST200-PG-EH	20
Stainless Steel T-304	ST200-S4-EH	10'
Stainless Steel T-316	ST200-S6-EH	10

1-5/8" x 1-5/8" x 12ga. Standard strut with oblong slots (9/16" x 1-1/8") on 2" centers.

Grating Mounts

Strut with Holes





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Metal	Part No.
Hot-Dip Galv. Steel	IM-GMGC-500X3.0
Stainless Steel T-316	IM-GMS6-500X3.0
1/0" 0" .td With stands to 1.000)

1/2" x 3" stud. Withstands up to 1,000 lb. upward pulling force.

Fastener assembly used as a stable base on which to mount other devices to a grating surface.



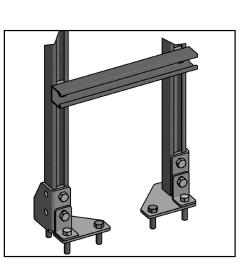


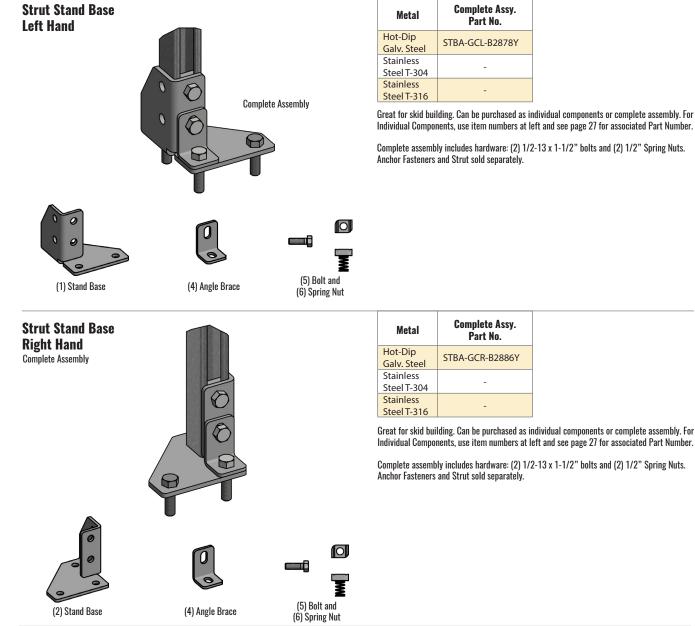
Supplementary Materials

Strut Stand Bases

 Our new Strut Stand Bases allow for fast and easy field fabrication of strut stands, saving you time and money.

- No welds
- Pre-cut or field cut standard strut to desired length.
- Fits Unistrut[®] P1000, P1000T, P1000H3, standard 1-3/8" x
- 1-5/8" strut or equivalent.
- Available to purchase as individual components or a complete assembly.
- Assembly includes (2) 1/2-13 x 1 1/2" bolts, (2) 1/2" spring nuts, and angle brace.
- Anchor Fasteners and Strut are not included.



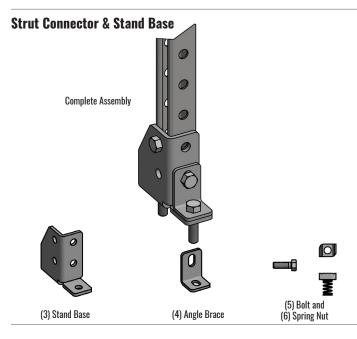


Great for skid building. Can be purchased as individual components or complete assembly. For Individual Components, use item numbers at left and see page 27 for associated Part Number.

Complete assembly includes hardware: (2) 1/2-13 x 1-1/2" bolts and (2) 1/2" Spring Nuts.



Supplementary Materials

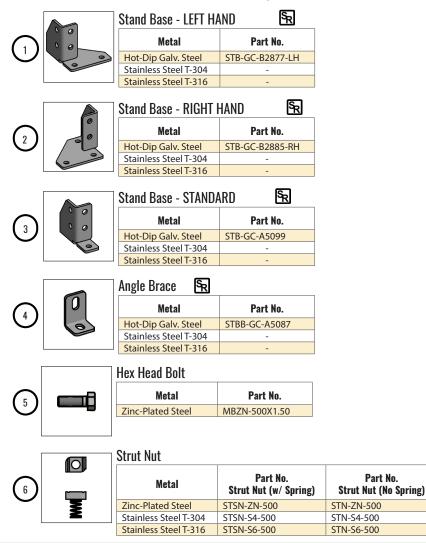


Metal	Complete Assy. Part No.
Hot-Dip Galv. Steel	STBA-GC-A5100Y
Stainless Steel T-304	-
Stainless Steel T-316	-

Great for skid building. Can be purchased as individual components or complete assembly. For Individual Components, use item numbers at left and see below for associated Part Number.

Complete assembly includes hardware: (2) 1/2-13 x 1-1/2" bolts and (2) 1/2" Spring Nuts. Anchor Fasteners and Strut sold separately.

Strut Stand Bases - Individual Components

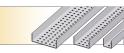






Part No.





CABLE-RACE® Channels: Complete Support and Protection System for low-voltage control, signal, data, and communications cables.

UL Classification CYNW.E240501

Where CABLE-RACE[®] Channels and Channel Fittings are used as a Ventilated Bottom Channel Cable Tray for the support of low voltage control, signal, data, communications, or other low voltage type cables, the CABLE-RACE[®] Channels and Channel Fittings may be installed per the applicable sections of NEMA Standard VE 2-2000, and NEC-2002 Article 392 for Ventilated Bottom Channel Cable Trays, or per customer's engineering specifications.

Where CABLE-RACE[®] Channels are cut to length in the field, any burr created by the cutting process should be removed before installing the Channel Fitting.

The following table is provided for customer installation information:

TABLE OF CROSS-SECTIONAL AREA OF METAL RATING For Cable-Race® Channels and Channel Fittings Corresponding To NEC-2002 TABLE 392.7(B)								
WIDTH	JCWCO PART NO.	Minimum Cross-Sectional Area of Metal in.² Rating	WIDTH	JCWCO PART NO.	Minimum Cross-Sectional Area of Metal in.² Rating			
1	CH1-GC1	0.2		CH4-GC2	0.4			
I	CH1-NA1	0.2	4	CH4-NA2	0.4			
			4	CH4-SS2T4-144-6	0.2			
2	CH2-GC1	0.2		CH4-SS2T6-144-6	0.2			
	CH2-NA1	0.2						
	CH2-SS1T4-144-6	0.2		CH6-GC1	0.4			
	CH2-SS1T6-144-6	0.2	6	CH6-NA1	0.4			
				CH6-SS1T4-144-6	0.2			
2	CH2-GC2	0.4		CH6-SS1T6-144-6	0.2			
	CH2-NA2	0.4						
	CH2-SS2T4-144-6	0.2		CH6-GC2	0.7			
	CH2-SS2T6-144-6	0.2		CH6-NA2	0.7			
			6	CH6-SS2T4-144-6	0.4			
4	CH4-GC1	0.2		CH6-SS2T6-144-6	0.4			
	CH4-NA1	0.2						
	CH4-SS1T4-144-6	0.2						
	CH4-SS1T6-144-6	0.2						

All CABLE-RACE® Channel Fittings meet or exceed the minimum cross-sectional area rating of their corresponding Channel Tray listed above. The width of CABLE-RACE® Channel Fittings is slightly greater than the corresponding Channel to permit the Channel to bolt inside the fitting. All CABLE-RACE® Channel Fittings are supplied with bolting hardware for proper field assembly. Assembly diagrams available on request.

UL® classification of the JCWCO CABLE-RACE® system is meant to include the straight lengths of Channel and corresponding Channel Fittings with bolting hardware. Tray Covers, Cover Hold-Down Clamps, Tube and Cable Clamps, non-standard tray or tray components, and other miscellaneous tray accessories are not covered by the UL® classification. UL® classification CYNW.E240501 is for cable tray classified as to its suitability as an equipment grounding conductor only.







CABLE-RACE® Weights Table

JAMES C. WHITE CO., INC. CABLE-RACE® CHANNELS - WEIGHT PER FT. (LB.)								
Depth	Width	Part NO.	CARBON STEEL H.D. GALVANIZED AFTER FABRICATION (GC) (LB./FT.)	ALUMINUM (NA) (LB./FT.)	STAINLESS STEEL 304 & 316 (SS) (LB./FT.)			
	2	CH2-**1	1.04	0.40	(16 ga.) 0.78			
1	4	CH4-**1	1.52	0.58	(16 ga.) 1.13			
	6	CH6-**1	1.98	0.79	(16 ga.) 1.56			
	2	CH2-**2	2.05	0.64	(16 ga.) 1.19			
2	4	CH4-**2	2.58	0.82	(16 ga.) 1.55			
	6	CH6-**2	3.48	1.15	(16 ga.) 1.97			

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Product Catalogs

HOME

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** = GC, NA, or SS

Weight information is also available on the company website (www.JCWCO.com) under the "Load & Deflection Information" link. Find and click on the interactive program to also find calculations for span planning of CABLE-RACE® structural straight lengths.

