



BUILD STRONGER TOGETHER.



INDEX

GENERAL PRODUCT INFORMATION	3
HAT FURRING CHANNEL	4
RESILIENT CHANNEL	7
Z FURRING CHANNEL	9
U CHANNEL (CRC)	10
CORNER ANGLE	12
CORNER BEAD	13
PAPER-FACED CORNER BEAD	14
CT SHAFTWALL STUD	15
J-TABBED TRACK	17
BIG E-Z BLOCKING	18
WEB STIFFENER	19
E-Z DEFLECTION CLIP	20
TOP FLANGE JOIST HANGER	21
SQUARE JOIST HANGER	22
FLAT STOCK	23
SLOTTED TRACK	24

ASTM Standards:

A1003/A1003M:

Standard specification for steel sheet, carbon, metallic and nonmetal-coated for cold formed framing members.

A653:

Standard specification for steel sheet, zinc-coated (galvanized) or zinc-iron alloy coated by hot-dip process.

A924:

Standard specification for general requirements for steel sheet, metallic-coated by the hot-dip process.

C1047:

Standard specification for accessories for gypsum wallboard and gypsum veneer base.

C645-18:

Standard specification for nonstructural steel framing members.

Thickness Table:

DESIGNATION (MILS)	MIN. THICKNESS (IN)	DESIGN THICKNESS (IN)	REFERENCE GAGE (#)
18	0.0179	0.0188	25
30	0.0296	0.0312	20 (Drywall)
33	0.0329	0.0346	20 (Structural)
43	0.0428	0.0451	18
54	0.0538	0.0566	16
68	0.0677	0.0713	14
97	0.0966	0.1017	12



HAT FURRING CHANNEL



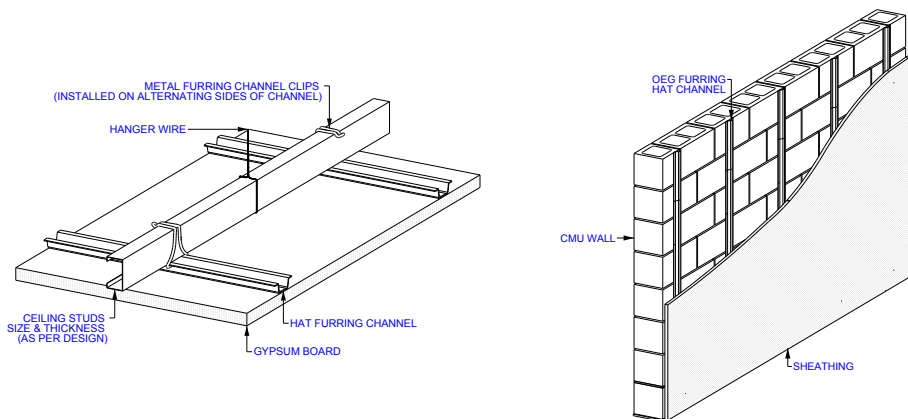
OEG furring channel is a hat-shaped corrosion-resistant multi-purpose component used to furr out masonry walls and ceiling assemblies. It provides rigid structural support for gypsum wallboard, veneer plaster or drop-ceiling assemblies. Can be used to furr out exterior concrete walls and more.

The flanges in furring hat channel, enable easy fastening to structural framing. Furring hat channel is available in different gauges for a wide range of applications. Heavier gauge Furring channel are commonly used as purlins. Where a stronger lip is required Hemmed Furring Hat Channel is available in 25ga.

ITEM CODE	MEMBER	GAUGE	MILS	WIDTH
F7825	087F125-18	25	18	7/8"
F7820	087F125-30	20	30	7/8"
F7820-33	087F125-33	20 Structural	33	7/8"
F7818	087F125-43	18	43	7/8"
F7816	087F125-54	16	54	7/8"
F1525	150F125-18	25	18	1-1/2"
F1520	150F125-30	20	30	1-1/2"
F1520-33	150F125-33	20 Structural	33	1-1/2"
F1518	150F125-43	18	43	1-1/2"
F1516	150F125-54	16	54	1-1/2"

Specifications:

- Available in standard lengths of 10' and 12'.
- Available depths: 7/8" and 1-1/2".
- Available in 25ga (18 mils), 20ga (30 mils), 20ga structural (33mils), 18ga (43 mils) and 16ga (54 mils).
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003.



Section Properties:

SECTION	DESIGN	YIELD	GROSS PROPERTIES						EFFECTIVE PROPERTIES			
	THICKNESS	STRENGTH	AREA	WEIGHT	IX	RX	IY	RY	IX	SX	MA	VA
	(IN)	(KSI)	(IN ²)	(LB/FT)	(IN ⁴)	(IN)	(IN ⁴)	(IN)	(IN ⁴)	(IN ³)	(IN-K)	(LB)
087F125-18	0.0188	33	0.072	0.244	0.009	0.354	0.035	0.698	0.008	0.016	26.61	255
087F125-27	0.0283	33	0.107	0.365	0.013	0.351	0.051	0.693	0.013	0.027	45.2	381
087F125-30	0.0312	33	0.118	0.401	0.014	0.35	0.056	0.691	0.014	0.031	50.98	420
087F125-33	0.0346	33	0.13	0.443	0.016	0.349	0.062	0.689	0.016	0.034	56.23	464
087F125-43	0.0451	33	0.168	0.572	0.02	0.345	0.079	0.684	0.02	0.043	71	599
150F125-18	0.0188	33	0.095	0.324	0.031	0.572	0.052	0.742	0.029	0.034	56.73	261
150F125-27	0.0283	33	0.143	0.485	0.046	0.569	0.077	0.737	0.046	0.057	94.22	390
150F125-30	0.0312	33	0.157	0.534	0.051	0.568	0.085	0.735	0.05	0.064	105.92	429
150F125-33	0.0346	33	0.174	0.59	0.056	0.566	0.093	0.733	0.056	0.071	117.31	474
150F125-43	0.0451	33	0.225	0.764	0.071	0.563	0.119	0.728	0.071	0.091	149.7	613

Allowable Ceiling Spans – L/120:

MEMBER	YIELD	SPANS	4 PSF			6 PSF			13 PSF		
	STRENGTH		SPACING (IN) O.C.			SPACING (IN) O.C.			SPACING (IN) O.C.		
	(KSI)		12	16	24	12	16	24	12	16	24
087F125-18	33	Single	6' 5"	5' 10"	5' 1"	5' 7"	5' 1"	4' 5"	4' 4"	3' 11"	3' 5"
		Multiple	7' 4"	6' 4"	5' 1"	5' 11"	5' 2"	4' 2"	4' 1"	3' 6"	2' 10"
087F125-27	33	Single	7' 7"	6' 10"	6' 0"	6' 7"	6' 0"	5' 3"	5' 1"	4' 8"	4' 1"
		Multiple	9' 4"	8' 3"	6' 8"	7' 9"	6' 9"	5' 5"	5' 3"	4' 7"	3' 8"
087F125-30	33	Single	7' 9"	7' 1"	6' 2"	6' 10"	6' 2"	5' 5"	5' 3"	4' 9"	4' 2"
		Multiple	9' 7"	8' 9"	7' 1"	8' 3"	7' 2"	5' 9"	5' 7"	4' 10"	3' 11"
087F125-33	33	Single	8' 0"	7' 4"	6' 5"	7' 0"	6' 5"	5' 7"	5' 5"	4' 11"	4' 4"
		Multiple	9' 11"	9' 0"	7' 5"	8' 8"	7' 6"	6' 1"	5' 11"	5' 1"	4' 1"
087F125-43	33	Single	8' 8"	7' 11"	6' 11"	7' 7"	6' 11"	6' 0"	5' 10"	5' 4"	4' 8"
		Multiple	10' 9"	9' 9"	8' 5"	9' 5"	8' 5"	6' 10"	6' 7"	5' 9"	4' 8"
150F125-18	33	Single	9' 10"	8' 11"	7' 10"	8' 7"	7' 10"	6' 10"	6' 8"	6' 0"	5' 3"
		Multiple	10' 8"	9' 3"	7' 6"	8' 8"	7' 6"	6' 1"	5' 10"	4' 5"	2' 11"
150F125-27	33	Single	11' 6"	10' 5"	9' 1"	10' 0"	9' 1"	7' 11"	7' 9"	7' 0"	6' 2"
		Multiple	13' 9"	11' 11"	9' 8"	11' 2"	9' 8"	7' 11"	7' 7"	6' 7"	5' 4"
150F125-30	33	Single	11' 10"	10' 9"	9' 5"	10' 4"	9' 5"	8' 2"	8' 0"	7' 3"	6' 4"
		Multiple	14' 7"	12' 7"	10' 3"	11' 11"	10' 3"	8' 4"	8' 1"	7' 0"	5' 8"
150F125-33	33	Single	12' 3"	11' 1"	9' 8"	10' 8"	9' 8"	8' 6"	8' 3"	7' 6"	6' 7"
		Multiple	15' 1"	13' 3"	10' 9"	12' 6"	10' 10"	8' 10"	8' 6"	7' 4"	6' 0"
150F125-43	33	Single	13' 3"	12' 1"	10' 6"	11' 7"	10' 6"	9' 2"	8' 11"	8' 2"	7' 1"
		Multiple	16' 5"	14' 11"	12' 2"	14' 2"	12' 3"	9' 11"	9' 7"	8' 4"	6' 9"

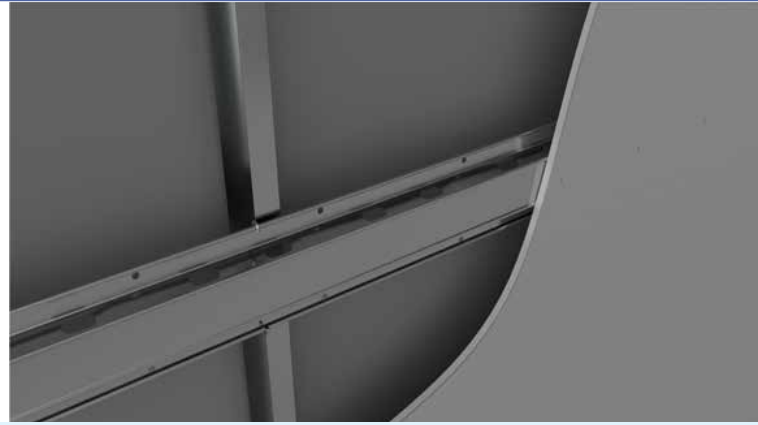
Allowable Ceiling Spans - L/240:

MEMBER	YIELD	SPANS	4 PSF			6 PSF			13 PSF		
	STRENGTH		SPACING (IN) O.C.			SPACING (IN) O.C.			SPACING (IN) O.C.		
	(KSI)		12	16	24	12	16	24	12	16	24
087F125-18	33	Single	5' 1"	4' 7"	4' 0"	4' 5"	4' 0"	3' 6"	3' 5"	3' 1"	2' 9"
		Multiple	6' 3"	5' 8"	5' 0"	5' 6"	5' 0"	4' 3"	4' 1"	3' 6"	2' 10"
087F125-27	33	Single	6' 0"	5' 5"	4' 9"	5' 3"	4' 9"	4' 2"	4' 1"	3' 8"	3' 3"
		Multiple	7' 5"	6' 9"	5' 11"	6' 6"	5' 11"	5' 2"	5' 0"	4' 7"	3' 9"
087F125-30	33	Single	6' 2"	5' 7"	4' 11"	5' 5"	4' 11"	4' 3"	4' 2"	3' 9"	3' 4"
		Multiple	7' 8"	6' 11"	6' 1"	6' 8"	6' 1"	5' 3"	5' 2"	4' 8"	4' 0"
087F125-33	33	Single	6' 5"	5' 10"	5' 1"	5' 7"	5' 1"	4' 5"	4' 4"	3' 11"	3' 5"
		Multiple	7' 11"	7' 2"	6' 3"	6' 11"	6' 3"	5' 6"	5' 4"	4' 10"	4' 2"
087F125-43	33	Single	6' 11"	6' 3"	5' 6"	6' 0"	5' 6"	4' 9"	4' 8"	4' 3"	3' 8"
		Multiple	8' 6"	7' 9"	6' 9"	7' 5"	6' 9"	5' 11"	5' 9"	5' 3"	4' 7"
150F125-18	33	Single	7' 10"	7' 1"	6' 2"	6' 10"	6' 2"	5' 5"	5' 3"	4' 9"	4' 2"
		Multiple	9' 8"	8' 9"	7' 6"	8' 5"	7' 6"	6' 2"	5' 10"	4' 9"	3' 8"
150F125-27	33	Single	9' 1"	8' 3"	7' 3"	7' 11"	7' 3"	6' 4"	6' 2"	5' 7"	4' 11"
		Multiple	11' 3"	10' 3"	8' 11"	9' 10"	8' 11"	7' 10"	7' 7"	6' 7"	5' 5"
150F125-30	33	Single	9' 5"	8' 6"	7' 5"	8' 2"	7' 5"	6' 6"	6' 4"	5' 9"	5' 0"
		Multiple	11' 7"	10' 6"	9' 2"	10' 1"	9' 2"	8' 0"	7' 10"	7' 0"	5' 9"
150F125-33	33	Single	9' 8"	8' 10"	7' 8"	8' 6"	7' 8"	6' 9"	6' 7"	5' 11"	5' 2"
		Multiple	12' 0"	10' 11"	9' 6"	10' 6"	9' 6"	8' 4"	8' 1"	7' 4"	6' 0"
150F125-43	33	Single	10' 6"	9' 7"	8' 4"	9' 2"	8' 4"	7' 4"	7' 1"	6' 5"	5' 8"
		Multiple	13' 0"	11' 10"	10' 4"	11' 4"	10' 4"	9' 0"	8' 9"	8' 0"	6' 9"

Allowable Ceiling Spans - L/360:

MEMBER	YIELD	SPANS	4 PSF			6 PSF			13 PSF		
	STRENGTH		SPACING (IN) O.C.			SPACING (IN) O.C.			SPACING (IN) O.C.		
	(KSI)		12	16	24	12	16	24	12	16	24
087F125-18	33	Single	4' 5"	4' 0"	3' 6"	3' 10"	3' 6"	3' 1"	3' 0"	2' 9"	2' 5"
		Multiple	5' 6"	5' 0"	4' 4"	4' 9"	4' 4"	3' 10"	3' 8"	3' 4"	2' 10"
087F125-27	33	Single	5' 3"	4' 9"	4' 2"	4' 7"	4' 2"	3' 8"	3' 6"	3' 3"	2' 10"
		Multiple	6' 6"	5' 11"	5' 2"	5' 8"	5' 2"	4' 6"	4' 4"	4' 0"	3' 6"
087F125-30	33	Single	5' 5"	4' 11"	4' 3"	4' 9"	4' 3"	3' 9"	3' 8"	3' 4"	2' 11"
		Multiple	6' 8"	6' 1"	5' 3"	5' 10"	5' 3"	4' 7"	4' 6"	4' 1"	3' 7"
087F125-33	33	Single	5' 7"	5' 1"	4' 5"	4' 10"	4' 5"	3' 10"	3' 9"	3' 5"	3' 0"
		Multiple	6' 11"	6' 3"	5' 6"	6' 0"	5' 6"	4' 9"	4' 8"	4' 3"	3' 8"
087F125-43	33	Single	6' 0"	5' 6"	4' 9"	5' 3"	4' 9"	4' 2"	4' 1"	3' 8"	3' 3"
		Multiple	7' 5"	6' 9"	5' 11"	6' 6"	5' 11"	5' 2"	5' 0"	4' 7"	4' 0"
150F125-18	33	Single	6' 10"	6' 2"	5' 5"	5' 11"	5' 5"	4' 9"	4' 7"	4' 2"	3' 8"
		Multiple	8' 5"	7' 8"	6' 8"	7' 4"	6' 8"	5' 10"	5' 8"	4' 9"	3' 8"
150F125-27	33	Single	7' 11"	7' 3"	6' 4"	6' 11"	6' 4"	5' 6"	5' 4"	4' 11"	4' 3"
		Multiple	9' 10"	8' 11"	7' 10"	8' 7"	7' 10"	6' 10"	6' 8"	6' 0"	5' 3"
150F125-30	33	Single	8' 2"	7' 5"	6' 6"	7' 2"	6' 6"	5' 8"	5' 6"	5' 0"	4' 5"
		Multiple	10' 1"	9' 2"	8' 0"	8' 10"	8' 0"	7' 0"	6' 10"	6' 3"	5' 5"
150F125-33	33	Single	8' 6"	7' 8"	6' 9"	7' 5"	6' 9"	5' 10"	5' 9"	5' 2"	4' 6"
		Multiple	10' 6"	9' 6"	8' 4"	9' 2"	8' 4"	7' 3"	7' 1"	6' 5"	5' 7"
150F125-43	33	Single	9' 2"	8' 4"	7' 4"	8' 0"	7' 4"	6' 4"	6' 2"	5' 8"	4' 11"
		Multiple	11' 4"	10' 4"	9' 0"	9' 11"	9' 0"	7' 11"	7' 8"	7' 0"	6' 1"

RESILIENT CHANNEL



OEG Resilient Channel is a single leg channel that is the most efficient and low-cost solution to reduce the transmission of noise in partition walls and ceiling assemblies. By suspending the gypsum wallboard away from studs or joists with the help of Resilient Channel, the sound transmission is dissipated.

To enhance the sound insulation, sound attenuation blankets can be inserted within the walls or floor cavities. Drywall insulation is made easier by resilient channels knurled face. OEG resilient channel is pre-punched for easy connection to wood and steel framing.

Resilient Channel (RC-1):

OEG Single Leg Resilient Channel (RC-1) is available in two gauges, RC-1 and RC-1 Max. RC-1 is a 25 ga. channel and is primarily used in interior walls and ceiling assemblies. RC-1 Max is a 20 ga. channel and is primarily used in heavier framing conditions such as two-layer drywall applications. RC-1 Max provides greater rigidity as compared to RC-1.



Specifications:

- Size: 2"x1/2"
- Flange: 1-1/4"
- Available in 25 ga. (18 mils) for RC-1 and 20 ga. (30 mils) for RC-1 Max.
- Available standard lengths: 12'-0"
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A924 & A1003.

Resilient Channel (RC-2):

OEG Double Leg Resilient Channel is available in two gauges, RC-2 and RC-2 Max. Regular RC-2 is a 25 ga. Channel and is primarily used in ceiling assemblies. RC-2 Max is a 20 ga. channel and is primarily used in heavier framing conditions such as two-layer drywall applications. RC-2 Max provides greater rigidity as compared to RC-2.



Specifications:

- Size: 2-1/2"x1/2"
- Flange: 1-1/4"
- Available in 25ga (18 mils) for regular RC-2 and 20ga (30 mils) for RC-2 Max.
- Available standard Lengths: 12'-0"
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A924 & A1003.

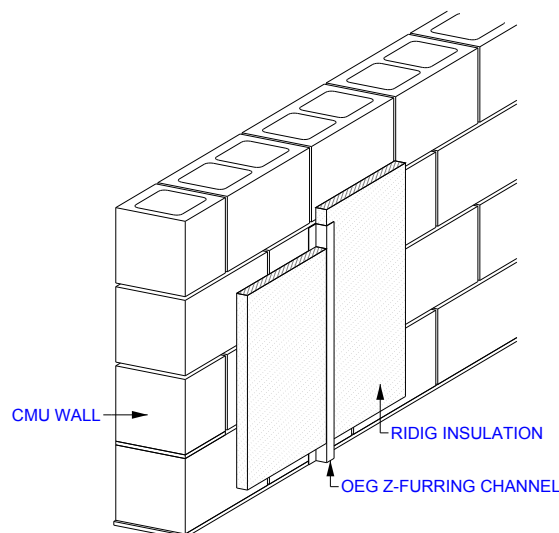
Z FURRING CHANNEL



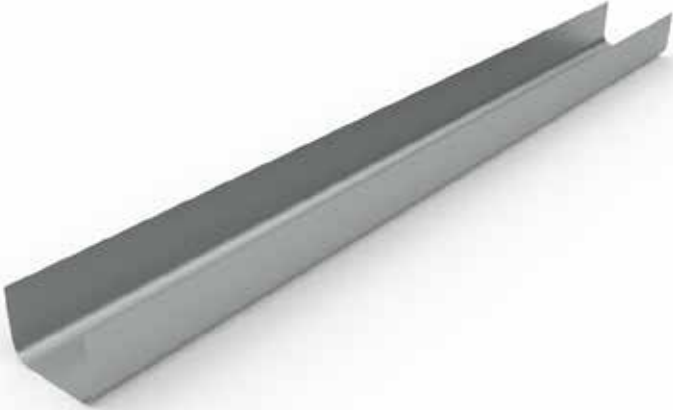
OEG Z Furring Channel is a Z-shaped corrosion-resistant multi-purpose component used to support rigid insulation in gypsum wallboards, interior masonry walls and more. Gypsum wallboards may be installed either parallel or perpendicular to the Z Furring Channel. Metal lath should be installed perpendicular to the Z-furring. The number of fasteners and spacing depend upon the application of the channel.

Specifications:

- Available in standard lengths of 10', custom lengths are available.
- 1-1/4" wide flange for easy screw fastening.
- Available depths: 1", 1-1/2", 2", 2-1/2" and 3".
- Available in 25ga (18mils), 20ga (30mils), 20ga structural (33mils), 18ga (43mils), 16ga (54mils), 14ga (68mils) and 12ga (97mils).
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003.



U CHANNEL (CRC)

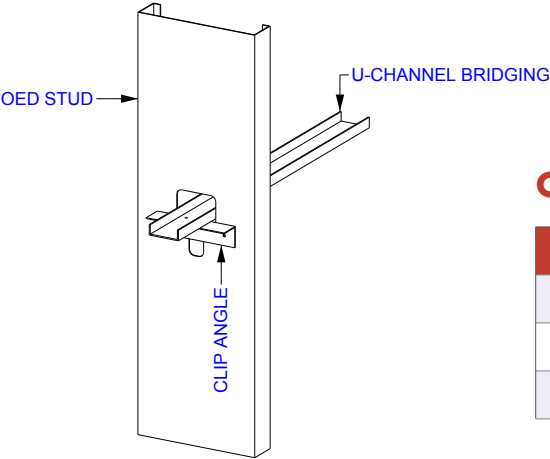


OEG U-Channel is a general-purpose framing component commonly used where bridging or bracing is required. It can be either fastened or welded onto the stud. It provides rigidity against lateral rotation and minor axis bending or twisting of vertical studs under axial and wind loads.

OEG U-Channel can also be used in drop ceiling assemblies in conjunction with OEG Furring Hat Channel, where they are suspended from the overhead structure using hangar wire or pencil rod.

Specifications:

- Available in 16ga (54 mils).
- Available sizes: 3/4", 1" 1/2, and 2".
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003.



Ordering Information:

ITEM CODE	MEMBER	GAUGE	MILS	WIDTH
075U50-54	075U50-54	16	54	3/4"
150U50-54	150U50-54	16	54	1-1/2"
200U50-54	200U50-54	16	54	2"

Section Properties:

SECTION	DESIGN	YIELD	GROSS PROPERTIES						EFFECTIVE PROPERTIES			
	THICKNESS	STRENGTH	AREA	WEIGHT	IX	RX	IY	RY	IX	SX	MA	VA
	(IN)	(KSI)	(IN ²)	(LB/FT)	(IN ⁴)	(IN)	(IN ⁴)	(IN)	(IN ⁴)	(IN ³)	(IN-K)	(LB)
075U050-54	0.0566	33	0.087	0.296	0.007	0.289	0.002	0.156	0.007	0.019	0.459	315
150U050-54	0.0566	33	0.13	0.441	0.039	0.549	0.003	0.146	0.039	0.052	1.23	840
200U050-54	0.0566	33	0.158	0.537	0.08	0.711	0.003	0.137	0.08	0.08	1.883	1190
250U050-54	0.0566	33	0.186	0.633	0.14	0.868	0.003	0.13	0.14	0.112	2.648	1540

Allowable Ceiling Spans – L/120:

MEMBER	SPANS	4 PSF					6 PSF					13 PSF					15 PSF				
		CHANNEL SPACING (IN) O.C.					CHANNEL SPACING (IN) O.C.					CHANNEL SPACING (IN) O.C.					CHANNEL SPACING (IN) O.C.				
		24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
075U050-54	Single	3' 11"	3' 5"	3' 1"	2' 11"	2' 9"	3' 5"	3' 0"	2' 9"	2' 6"	2' 4"	2' 8"	2' 4"	2' 1"	1' 11"	1' 9"	2' 6"	2' 2"	2' 0"	1' 10"	1' 8"
	Multiple	4' 10"	4' 2"	3' 10"	3' 7"	3' 4"	4' 2"	3' 8"	3' 4"	3' 1"	2' 10"	3' 3"	2' 9"	2' 4"	2' 1"	1' 11"	3' 1"	2' 7"	2' 2"	2' 0"	1' 9"
150U050-54	Single	5' 6"	4' 10"	4' 5"	4' 1"	3' 10"	4' 10"	4' 3"	3' 10"	3' 7"	3' 5"	3' 9"	3' 4"	3' 0"	2' 9"	2' 7"	3' 7"	3' 2"	2' 10"	2' 7"	2' 5"
	Multiple	7' 1"	6' 2"	5' 8"	5' 3"	4' 11"	6' 2"	5' 5"	4' 11"	4' 7"	4' 4"	4' 10"	4' 2"	3' 9"	3' 4"	3' 0"	4' 7"	4' 0"	3' 6"	3' 1"	2' 9"
200U050-54	Single	5' 10"	5' 1"	4' 8"	4' 4"	4' 1"	5' 1"	4' 6"	4' 1"	3' 10"	3' 7"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"	3' 10"	3' 4"	3' 1"	2' 10"	2' 8"
	Multiple	7' 5"	6' 6"	5' 11"	5' 6"	5' 2"	6' 6"	5' 8"	5' 2"	4' 10"	4' 7"	5' 1"	4' 5"	4' 0"	3' 9"	3' 6"	4' 10"	4' 3"	3' 10"	3' 7"	3' 2"
250U050-54	Single	6' 1"	5' 4"	4' 10"	4' 6"	4' 3"	5' 4"	4' 8"	4' 3"	4' 0"	3' 9"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"
	Multiple	7' 9"	6' 9"	6' 2"	5' 9"	5' 5"	6' 9"	5' 11"	5' 5"	5' 0"	4' 9"	5' 3"	4' 7"	4' 3"	3' 11"	3' 9"	5' 0"	4' 5"	4' 0"	3' 9"	3' 7"

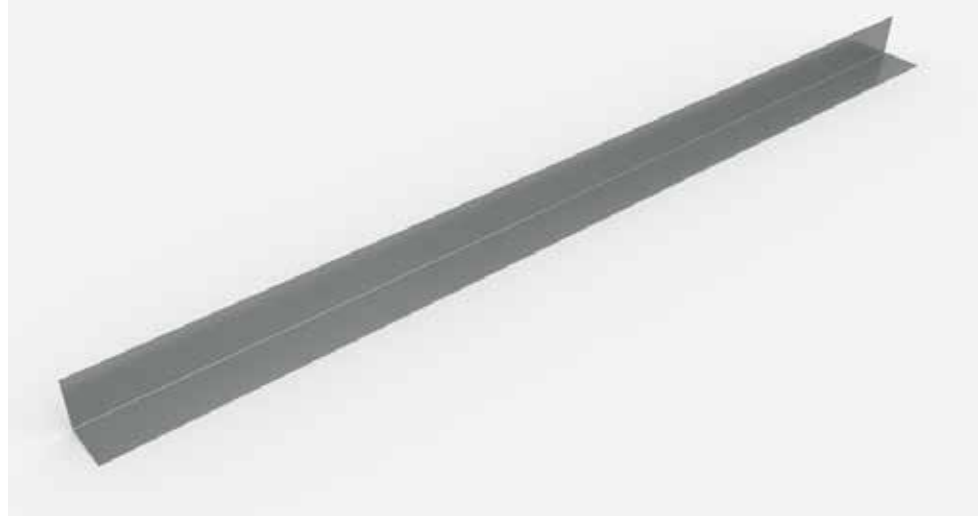
Allowable Ceiling Spans – L/240:

MEMBER	SPANS	4 PSF					6 PSF					13 PSF					15 PSF				
		CHANNEL SPACING (IN) O.C.					CHANNEL SPACING (IN) O.C.					CHANNEL SPACING (IN) O.C.					CHANNEL SPACING (IN) O.C.				
		24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
075U050-54	Single	3' 11"	3' 5"	3' 1"	2' 11"	2' 9"	3' 5"	3' 0"	2' 9"	2' 6"	2' 4"	2' 8"	2' 4"	2' 1"	1' 11"	1' 9"	2' 6"	2' 2"	2' 0"	1' 10"	1' 8"
	Multiple	4' 10"	4' 2"	3' 10"	3' 7"	3' 4"	4' 2"	3' 8"	3' 4"	3' 1"	2' 10"	3' 3"	2' 9"	2' 4"	2' 1"	1' 11"	3' 1"	2' 7"	2' 2"	2' 0"	1' 9"
150U050-54	Single	5' 6"	4' 10"	4' 5"	4' 1"	3' 10"	4' 10"	4' 3"	3' 10"	3' 7"	3' 5"	3' 9"	3' 4"	3' 0"	2' 9"	2' 7"	3' 7"	3' 2"	2' 10"	2' 7"	2' 5"
	Multiple	7' 1"	6' 2"	5' 8"	5' 3"	4' 11"	6' 2"	5' 5"	4' 11"	4' 7"	4' 4"	4' 10"	4' 2"	3' 9"	3' 4"	3' 0"	4' 7"	4' 0"	3' 6"	3' 1"	2' 9"
200U050-54	Single	5' 10"	5' 1"	4' 8"	4' 4"	4' 1"	5' 1"	4' 6"	4' 1"	3' 10"	3' 7"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"	3' 10"	3' 4"	3' 1"	2' 10"	2' 8"
	Multiple	7' 5"	6' 6"	5' 11"	5' 6"	5' 2"	6' 6"	5' 8"	5' 2"	4' 10"	4' 7"	5' 1"	4' 5"	4' 0"	3' 9"	3' 6"	4' 10"	4' 3"	3' 10"	3' 7"	3' 2"
250U050-54	Single	6' 1"	5' 4"	4' 10"	4' 6"	4' 3"	5' 4"	4' 8"	4' 3"	4' 0"	3' 9"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"
	Multiple	7' 9"	6' 9"	6' 2"	5' 9"	5' 5"	6' 9"	5' 11"	5' 5"	5' 0"	4' 9"	5' 3"	4' 7"	4' 3"	3' 11"	3' 9"	5' 0"	4' 5"	4' 0"	3' 9"	3' 7"

Allowable Ceiling Spans – L/360:

MEMBER	SPANS	4 PSF					6 PSF					13 PSF					15 PSF				
		CHANNEL SPACING (IN) O.C.					CHANNEL SPACING (IN) O.C.					CHANNEL SPACING (IN) O.C.					CHANNEL SPACING (IN) O.C.				
		24	36	48	60	72	24	36	48	60	72	24	36	48	60	72	24	36	48	60	72
075U050-54	Single	3' 5"	3' 0"	2' 9"	2' 6"	2' 4"	3' 0"	2' 7"	2' 4"	2' 2"	2' 1"	2' 4"	2' 0"	1' 10"	1' 8"	1' 7"	2' 2"	1' 11"	1' 9"	1' 7"	1' 6"
	Multiple	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"	3' 8"	3' 2"	2' 11"	2' 8"	2' 7"	2' 10"	2' 6"	2' 3"	2' 1"	1' 11"	2' 8"	2' 4"	2' 2"	2' 0"	1' 9"
150U050-54	Single	5' 6"	4' 10"	4' 5"	4' 1"	3' 10"	4' 10"	4' 3"	3' 10"	3' 7"	3' 5"	3' 9"	3' 4"	3' 0"	2' 9"	2' 7"	3' 7"	3' 2"	2' 10"	2' 7"	2' 5"
	Multiple	7' 1"	6' 2"	5' 8"	5' 3"	4' 11"	6' 2"	5' 5"	4' 11"	4' 7"	4' 4"	4' 10"	4' 2"	3' 9"	3' 4"	3' 0"	4' 7"	4' 0"	3' 6"	3' 1"	2' 9"
200U050-54	Single	5' 10"	5' 1"	4' 8"	4' 4"	4' 1"	5' 1"	4' 6"	4' 1"	3' 10"	3' 7"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"	3' 10"	3' 4"	3' 1"	2' 10"	2' 8"
	Multiple	7' 5"	6' 6"	5' 11"	5' 6"	5' 2"	6' 6"	5' 8"	5' 2"	4' 10"	4' 7"	5' 1"	4' 5"	4' 0"	3' 9"	3' 6"	4' 10"	4' 3"	3' 10"	3' 7"	3' 2"
250U050-54	Single	6' 1"	5' 4"	4' 10"	4' 6"	4' 3"	5' 4"	4' 8"	4' 3"	4' 0"	3' 9"	4' 2"	3' 8"	3' 4"	3' 1"	2' 11"	4' 0"	3' 6"	3' 2"	3' 0"	2' 10"
	Multiple	7' 9"	6' 9"	6' 2"	5' 9"	5' 5"	6' 9"	5' 11"	5' 5"	5' 0"	4' 9"	5' 3"	4' 7"	4' 3"	3' 11"	3' 9"	5' 0"	4' 5"	4' 0"	3' 9"	3' 7"

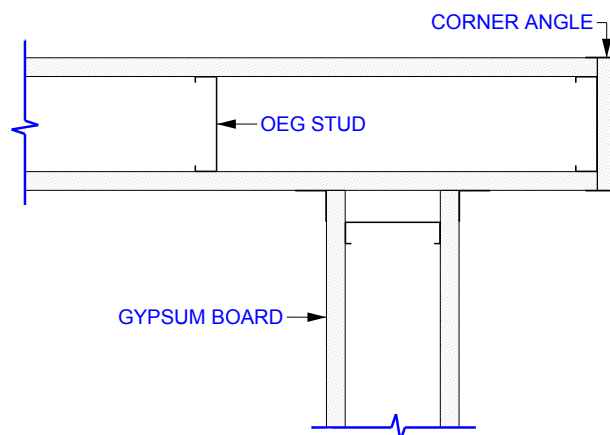
CORNER ANGLE



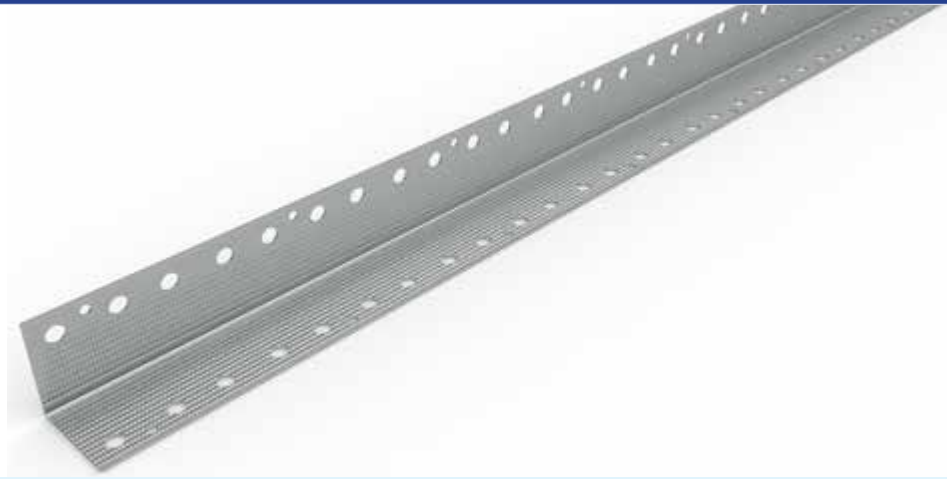
OEG Corner Angle is a utility angle used to enclose, connect, and secure various applications in drywall and stud framing. It's commonly used in soffit framing, floor runner, and gypsum drywall partitions. Also available in a splayed angle of 120° or 135° and custom legs by request.

Specifications:

- Angles: 90°, 120° and 135°.
- Available in standard lengths of 6', 8', 9', 10' and 12'.
- Available in all structural and nonstructural gauges.
- Available in custom lengths and sizes.
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003



CORNER BEAD



OEG Corner Bead is used to provide high quality finish and solid protection to drywall corners. It can be screwed, clinched or stapled into place. Corner Bead has perforated and knurled flanges which provide excellent adhesion for joint compound.

Corner Bead (Dull)

Dull Corner Bead is zinc coated using an electro galvanization process which provides superior spackle adhesion, prevents rust formation and resists impact.

Corner Bead (Shiny Ninety®)

Shiny Ninety® Corner Bead is zinc coated using a hot-dipped galvanized coating process which provides superior corrosion resistance and strong corner reinforcement.

Specifications:

- Material thickness: 0.0125 min thickness.
- Available in standard lengths of 6', 8', 9', 10' and 12'.
- Flange width: 1-1/4" X 1-1/4".
- Available in custom lengths and sizes.
- Meets or exceeds ASTM C1047.

Ordering Information:

ITEM CODE	WIDTH	LENGTH	PIECES
DULL			
D114CB8	1-1/4" x 1-1/4"	8'	63
D114CB9	1-1/4" x 1-1/4"	9'	56
D114CB10	1-1/4" x 1-1/4"	10'	50
D114CB12	1-1/4" x 1-1/4"	12'	42
SHINY NINETY®			
114CB8	1-1/4" x 1-1/4"	8'	63
114CB9	1-1/4" x 1-1/4"	9'	56
114CB10	1-1/4" x 1-1/4"	10'	50
114CB12	1-1/4" x 1-1/4"	12'	42



PAPER-FACED CORNER BEAD

OEG Paper-Faced Corner Bead helps eliminate cracks and nail pops in drywall corners. Unlike regular corner bead, Paper-Faced bead is applied using joint compound placing the long flanges against the drywall corner. No fasteners, screws or staples are required for connection. Paper-Faced Corner Bead combines galvanized metal with high-performance tape to provide a cost-effective finish for drywall corners.

Paper-Faced Corner Bead are available in several sizes to meet various wall conditions. Corner Bead are zinc coated using the galvanized process, which prevents rust formation and resists corrosion.

Specifications:

- Material thickness: 0.0125 min thickness.
- Available in standard lengths of 6', 8', 9', 10' and 12'.
- Flange width: 1-1/8" X 1-1/8".
- Available in custom lengths and sizes.
- OEG Paper-Faced Corner Bead meets or exceeds ASTM C1047.

Ordering Information:

ITEM CODE	WIDTH	LENGTH	PIECES
PFBEAD8	1-1/8" x 1-1/8"	8'	50
PFBEAD9	1-1/8" x 1-1/8"	9'	50
PFBEAD10	1-1/8" x 1-1/8"	10'	50
PFBEAD12	1-1/8" x 1-1/8"	12'	50

J-TRIM



OEG J-Trim is a corrosion-resistant component used near corners of drywall systems and edges of door and window openings.

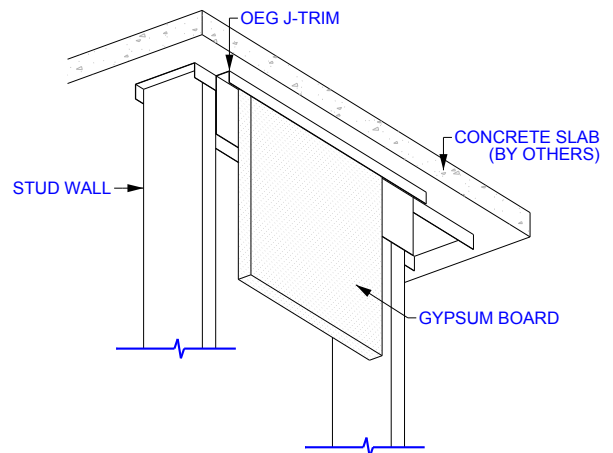
J-Trim provides protection and neat finishing edges for gypsum boards, cement boards and for uneven surfaces. Hemmed edges of J-Trim allow for quick installation at surface edges without requiring joint compound for adhesion.

Specifications:

- Available in 0.012 thickness.
- Available in widths of 3/8", 1/2", and 5/8".
- Available in lengths of 8' and 10'.
- OEG J-Track meets or exceeds ASTM C1047

Ordering Information:

ITEM CODE	WIDTH	LENGTH	PIECES
JTRIM3758	3/8"	8'	50
JTRIM37510	3/8"	10'	50
JTRIM508	1/2"	8'	50
JTRIM5010	1/2"	10'	50
JTRIM588	5/8"	8'	50
JTRIM5810	5/8"	10'	50



CT SHAFTWALL STUD:

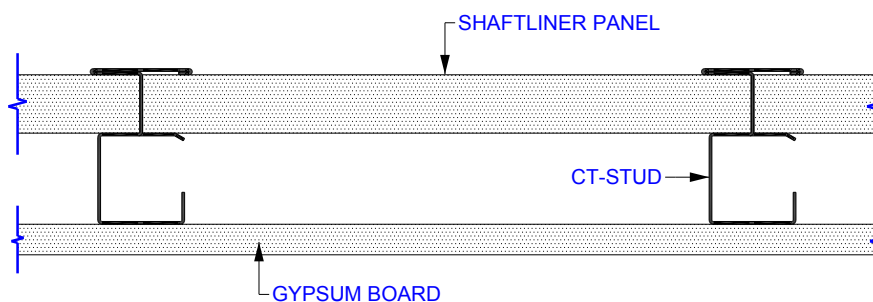


Shaftwall stud is a rigid member engineered to maintain shaftwall integrity and is used in conjunction with OEG J-Tab track. 1" thick gypsum shaft-liner panels can be easily aligned and installed in the flanges of the CT stud. This CT Shaftwall system has been designed with only two components for your convenience of installation. No other special metal components are required to complete the system. Studs are spaced 24" o.c. maximum once shaft-liner panels are friction fit into studs. The system should be finished with fire rated gypsum board to achieve the desired fire rating.

Shaftwall assemblies are designed as non-load-bearing partitions only. Elevated door frames should be supported independently of shaftwall. Hollow cavities must be fire stopped at each floor. Resilient channel can be attached perpendicular to the stud flanges as an option for higher STC ratings. Do not install CT studs in areas which will be adjacent or near to occupancies of unusual high moisture conditions.

Specifications:

- Available in the following gages: 25 (18 mils), 20 (33 mils) and 18 (43 mils),
- Available sizes: 2-1/2", 4" and 6",
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003.



Section Properties:

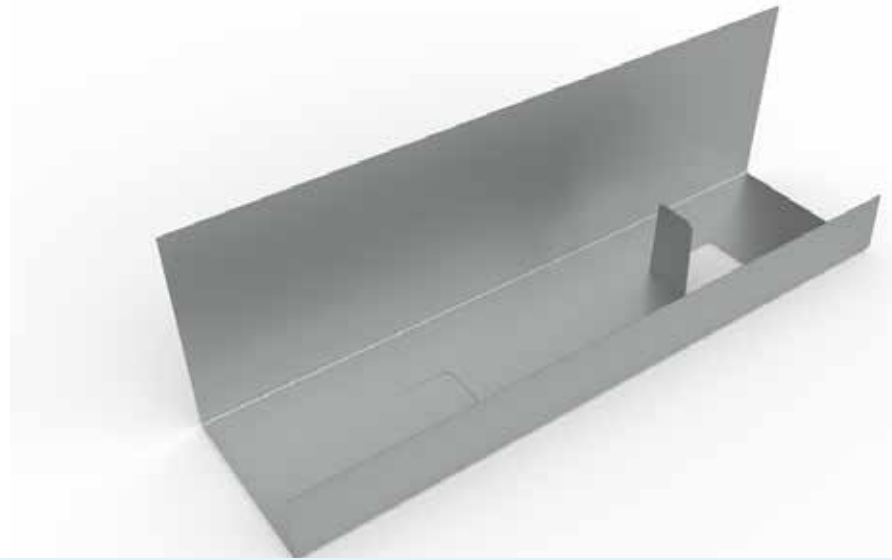
PROFILE	DESIGN	MINIMUM	FY (KSI)	WEIGHT (LB/FT)	AREA (IN ²)	IX (IN ⁴)	SX (IN ³)
	THICKNESS	THICKNESS					
	(IN)	(IN)					
250CTS-18	0.0188	0.0180	50	0.453	0.133	0.126	0.093
400CTS-18	0.0188	0.0180	50	0.548	0.161	0.384	0.184
250CTS-33	0.0346	0.0330	50	0.820	0.247	0.234	0.167
400CTS-33	0.0346	0.0330	50	0.993	0.298	0.703	0.320
600CTS-33	0.0346	0.0330	50	1.225	0.367	1.854	0.573
250CTS-43	0.0451	0.0430	50	1.101	0.324	0.314	0.219
400CTS-43	0.0451	0.0430	50	1.311	0.386	0.906	0.411
600CTS-43	0.0451	0.0430	50	1.623	0.476	2.388	0.738

Limiting Wall Heights:

PROFILE	DEPTH (IN)	DESIGN THICKNESS (IN)	MINIMUM THICKNESS (IN)	FY (KSI)	SPAN LENGTH (FT)								
					5 PSF			7.5 PSF			10 PSF		
					L/120	L/240	L/360	L/120	L/240	L/360	L/120	L/240	L/360
250CTS-18	2-1/2"	0.0188	0.0180	50	14' 7"	11' 6"	10' 1"	12' 9"	10' 1"	8' 10"	11' 2" f	9' 1" f	8' 0"
400CTS-18	4"	0.0188	0.0180	50	18' 8"	14' 10"	13' 0"	16' 0" f	12' 11"	11' 4"	13' 10" f	11' 8"	10' 3"
250CTS-33	2-1/2"	0.0346	0.0330	50	17' 1"	13' 4"	11' 6"	14' 9"	11' 6"	10' 0"	13' 4"	10' 5"	9' 0"
400CTS-33	4"	0.0346	0.0330	50	23' 7"	18' 10"	16' 3"	21' 0"	16' 3"	9' 0"	18' 10"	14' 3"	12' 8"
600CTS-33	6"	0.0346	0.0330	50	29' 9" f	26' 8"	22' 10"	24' 4" f	22' 10"	19' 7"	20' 8" f	20' 2"	17' 7"
250CTS-43	2-1/2"	0.0451	0.0430	50	18' 1"	14' 8"	13' 0"	16' 0"	13' 0"	11' 2"	15' 1"	11' 10"	10' 1"
400CTS-43	4"	0.0451	0.0430	50	24' 10"	19' 7"	17' 1"	21' 7"	17' 1"	14' 10"	19' 7"	15' 5"	13' 5"
600CTS-43	6"	0.0451	0.0430	50	33' 6" f	28' 2"	24' 4"	27' 10" f	24' 1"	21' 0"	24' 5" f	21' 2"	18' 11"

1. Calculated properties are based on AISI S100-12,
2. 'f' denotes that flexural strength governs,
3. CT Studs meet or exceed ASTM C645 and A1003,
4. Zinc-Coated (Galvanized) meets or exceeds ASTM A653

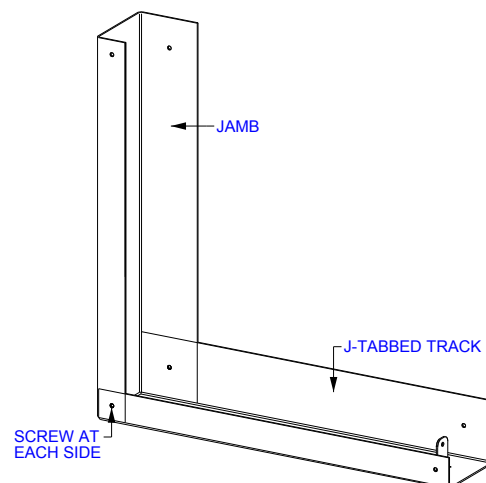
J-TABBED TRACK



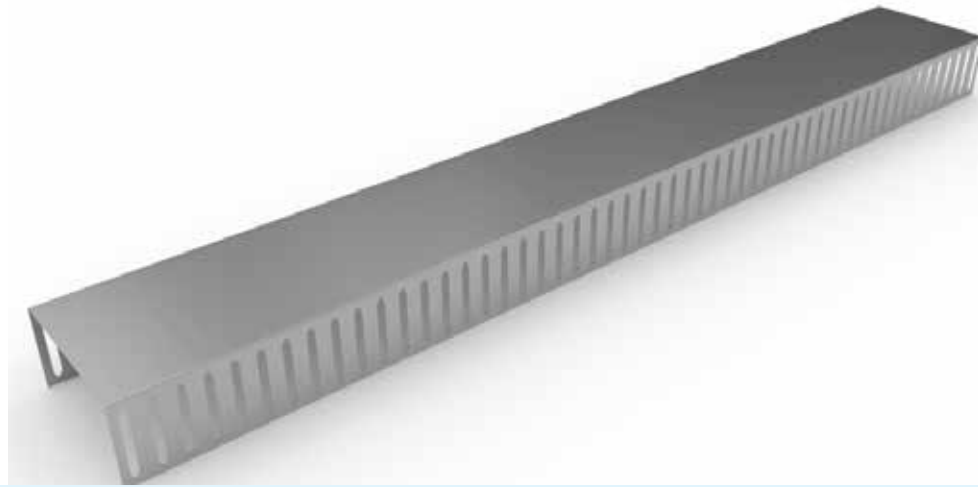
CT studs are friction-fitted between top and bottom of J-Tabbed tracks. Use J-Tabbed tracks for all closure details including: ducts, corners, door openings, intersection, etc... J-Tabbed Track has one leg longer than the other. Longer legs are available in 2-1/4" and 3" and is installed against the shaft. The system should be finished with fire rated gypsum board to achieve the desired fire rating.

Specifications:

- Available in the following gages: 25 (18 mils), 20 (33 mils) and 18 (43 mils).
- Long leg sizes: 2-1/4" and 3".
- Short leg size: 1".
- Web depth sizes: 2-1/2", 4" and 6".
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003.

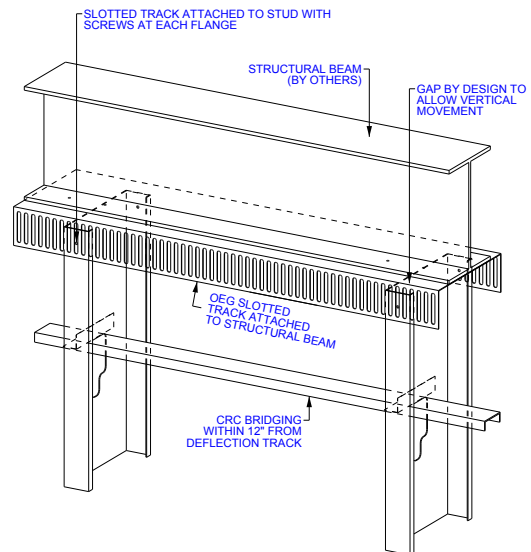


SLOTTED TRACK



OEG Slotted Track is used to accommodate building deflection at the head of wall. The track has pre-punched long slots spaced at 1" O.C. to eliminate additional deflection clips for connection. Slotted track allows vertical movement of the building independent of the super structure which can reduce the risk of exterior facade cracking and prevents axial load transfer to the wall studs. Slotted Track is used in exterior curtain walls, demising walls and in non-load bearing walls etc.

Structural designers should carefully develop the Slotted Track details based upon the specific deflection requirements of the building. Slotted Track is not to be used in axial load bearing walls. In many cases the use of Slotted Track can eliminate the need for a row of bridging within 12 inches of the top track. Consult with a cold-form metal engineer for more details.



Specifications:

1. Available in the following gages: 20 structural (30mils), 20 structural (33mils), 18 (43 mils), 16 (54 mils) and 14 (68 mils).
2. Available leg sizes: 2-1/2", 3" and 3-1/2",.
3. Available web depths: 2-1/2", 3-5/8", 4", 6", 8" and 10".
4. Standard length is 10', custom size available.
5. Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003

Section Properties:

PROFILE	DESIGN	MINIMUM				SECTIONAL PROPERTIES						
	THICKNESS	THICKNESS	SLOT SIZE	FY	WEIGHT	AREA	IX	SX	RX	IV	SY	RY
	(IN)	(IN)	(IN)	(KSI)	(LB/FT)	(IN ²)	(IN ⁴)	(IN ³)	(IN)	(IN ⁴)	(IN ³)	(IN)
250ST250-18	0.0188	0.0180	1.5	33 / 50	0.464	0.1425	0.1865	0.1421	1.1441	0.0982	0.0587	0.8301
362ST250-18	0.0188	0.0180	1.5	33 / 50	0.533	0.1636	0.4068	0.2170	1.5768	0.1105	0.0622	0.8218
400ST250-18	0.0188	0.0180	1.5	33 / 50	0.556	0.1707	0.5027	0.2437	1.7160	0.1140	0.0631	0.8171
600ST250-18	0.0188	0.0180	1.5	33 / 50	0.679	0.2083	1.2285	0.4011	2.4286	0.1283	0.0665	0.7850
800ST250-18	0.0188	0.0180	1.5	33 / 50	0.801	0.2459	2.3711	0.5836	3.1053	0.1383	0.0686	0.7500
1000ST250-18	0.0188	0.0180	1.5	33 / 50	0.924	0.2835	4.0057	0.7912	3.7590	0.1457	0.0701	0.7168
250ST300-18	0.0188	0.0180	2.0	33 / 50	0.526	0.1613	0.2184	0.1664	1.1637	0.1599	0.0821	0.9958
362ST300-18	0.0188	0.0180	2.0	33 / 50	0.594	0.1824	0.4723	0.2519	1.6089	0.1803	0.0871	0.9940
400ST300-18	0.0188	0.0180	2.0	33 / 50	0.617	0.1895	0.5819	0.2821	1.7524	0.1860	0.0884	0.9908
600ST300-18	0.0188	0.0180	2.0	33 / 50	0.740	0.2271	1.4037	0.4584	2.4862	0.2107	0.0937	0.9633
800ST300-18	0.0188	0.0180	2.0	33 / 50	0.862	0.2647	2.6799	0.6597	3.1819	0.2284	0.0970	0.9290
1000ST300-18	0.0188	0.0180	2.0	33 / 50	0.985	0.3023	4.4857	0.8861	3.8521	0.2417	0.0993	0.8942
250ST350-18	0.0188	0.0180	2.5	33 / 50	0.587	0.1801	0.2504	0.1908	1.1791	0.2417	0.1089	1.1585
362ST350-18	0.0188	0.0180	2.5	33 / 50	0.656	0.2012	0.5377	0.2868	1.6346	0.2723	0.1158	1.1633
400ST350-18	0.0188	0.0180	2.5	33 / 50	0.679	0.2083	0.6611	0.3206	1.7816	0.2811	0.1176	1.1618
600ST350-18	0.0188	0.0180	2.5	33 / 50	0.801	0.2459	1.5790	0.5156	2.5340	0.3197	0.1249	1.1402
800ST350-18	0.0188	0.0180	2.5	33 / 50	0.924	0.2835	2.9887	0.7357	3.2469	0.3480	0.1297	1.1079
1000ST350-18	0.0188	0.0180	2.5	33 / 50	1.046	0.3211	4.9657	0.9809	3.9326	0.3696	0.1331	1.0729
250ST250-30	0.0312	0.0296	1.5	33 / 50	0.760	0.2355	0.3054	0.2327	1.1388	0.1615	0.0969	0.8281
362ST250-30	0.0312	0.0296	1.5	33 / 50	0.874	0.2706	0.6684	0.3565	1.5715	0.1819	0.1026	0.8199
400ST250-30	0.0312	0.0296	1.5	33 / 50	0.911	0.2823	0.8263	0.4006	1.7107	0.1876	0.1041	0.8151
600ST250-30	0.0312	0.0296	1.5	33 / 50	1.113	0.3447	2.0241	0.6609	2.4231	0.2114	0.1098	0.7830
800ST250-30	0.0312	0.0296	1.5	33 / 50	1.314	0.4071	3.9117	0.9629	3.0997	0.2279	0.1133	0.7481
1000ST250-30	0.0312	0.0296	1.5	33 / 50	1.516	0.4695	6.6140	1.3065	3.7532	0.2400	0.1157	0.7149
250ST300-30	0.0312	0.0296	2.0	33 / 50	0.861	0.2667	0.3579	0.2727	1.1584	0.2634	0.1356	0.9937
362ST300-30	0.0312	0.0296	2.0	33 / 50	0.974	0.3018	0.7762	0.4140	1.6036	0.2970	0.1439	0.9920
400ST300-30	0.0312	0.0296	2.0	33 / 50	1.012	0.3135	0.9570	0.4640	1.7471	0.3066	0.1461	0.9889
600ST300-30	0.0312	0.0296	2.0	33 / 50	1.214	0.3759	2.3138	0.7555	2.4809	0.3475	0.1548	0.9614
800ST300-30	0.0312	0.0296	2.0	33 / 50	1.415	0.4383	4.4227	1.0887	3.1764	0.3767	0.1603	0.9270
1000ST300-30	0.0312	0.0296	2.0	33 / 50	1.616	0.5007	7.4087	1.4635	3.8465	0.3987	0.1641	0.8923
250ST350-30	0.0312	0.0296	2.5	33 / 50	0.962	0.2979	0.4104	0.3127	1.1737	0.3983	0.1800	1.1562
362ST350-30	0.0312	0.0296	2.5	33 / 50	1.075	0.3330	0.8841	0.4715	1.6293	0.4491	0.1913	1.1612
400ST350-30	0.0312	0.0296	2.5	33 / 50	1.113	0.3447	1.0877	0.5274	1.7763	0.4637	0.1944	1.1598
600ST350-30	0.0312	0.0296	2.5	33 / 50	1.314	0.4071	2.6034	0.8501	2.5287	0.5275	0.2065	1.1382
800ST350-30	0.0312	0.0296	2.5	33 / 50	1.516	0.4695	4.9337	1.2144	3.2415	0.5743	0.2145	1.1060
1000ST350-30	0.0312	0.0296	2.5	33 / 50	1.717	0.5319	8.2034	1.6204	3.9271	0.6102	0.2201	1.0710
250ST250-33	0.0346	0.0329	1.5	33 / 50	0.844	0.2609	0.3375	0.2571	1.1373	0.1787	0.1073	0.8275
362ST250-33	0.0346	0.0329	1.5	33 / 50	0.970	0.2998	0.7391	0.3942	1.5700	0.2013	0.1136	0.8193
400ST250-33	0.0346	0.0329	1.5	33 / 50	1.012	0.3128	0.9140	0.4431	1.7093	0.2076	0.1153	0.8146
600ST250-33	0.0346	0.0329	1.5	33 / 50	1.236	0.3820	2.2403	0.7315	2.4216	0.2339	0.1216	0.7825
800ST250-33	0.0346	0.0329	1.5	33 / 50	1.460	0.4512	4.3310	1.0661	3.0981	0.2522	0.1255	0.7476
1000ST250-33	0.0346	0.0329	1.5	33 / 50	1.684	0.5204	7.3246	1.4468	3.7516	0.2656	0.1281	0.7144
250ST300-33	0.0346	0.0329	2.0	33 / 50	0.956	0.2955	0.3955	0.3014	1.1569	0.2915	0.1502	0.9931
362ST300-33	0.0346	0.0329	2.0	33 / 50	1.082	0.3344	0.8585	0.4579	1.6022	0.3288	0.1594	0.9915
400ST300-33	0.0346	0.0329	2.0	33 / 50	1.124	0.3474	1.0587	0.5133	1.7456	0.3394	0.1619	0.9883
600ST300-33	0.0346	0.0329	2.0	33 / 50	1.348	0.4166	2.5611	0.8363	2.4794	0.3847	0.1714	0.9609

SLOTTED TRACK

PROFILE	DESIGN	MINIMUM				SECTIONAL PROPERTIES						
	THICKNESS	THICKNESS	SLOT SIZE	FY	WEIGHT	AREA	IX	SX	RX	IY	SY	RY
	(IN)	(IN)	(IN)	(KSI)	(LB/FT)	(IN ²)	(IN ⁴)	(IN ³)	(IN)	(IN ⁴)	(IN ³)	(IN)
800ST300-33	0.0346	0.0329	2.0	33 / 50	1.572	0.4858	4.8972	1.2055	3.1749	0.4170	0.1775	0.9265
1000ST300-33	0.0346	0.0329	2.0	33 / 50	1.796	0.5550	8.2053	1.6208	3.8450	0.4414	0.1818	0.8918
250ST350-33	0.0346	0.0329	2.5	33 / 50	1.068	0.3301	0.4536	0.3456	1.1722	0.4409	0.1994	1.1556
362ST350-33	0.0346	0.0329	2.5	33 / 50	1.194	0.3690	0.9779	0.5216	1.6279	0.4971	0.2120	1.1607
400ST350-33	0.0346	0.0329	2.5	33 / 50	1.236	0.3820	1.2034	0.5835	1.7749	0.5134	0.2153	1.1592
600ST350-33	0.0346	0.0329	2.5	33 / 50	1.460	0.4512	2.8820	0.9411	2.5273	0.5841	0.2288	1.1377
800ST350-33	0.0346	0.0329	2.5	33 / 50	1.684	0.5204	5.4634	1.3448	3.2401	0.6360	0.2376	1.1055
1000ST350-33	0.0346	0.0329	2.5	33 / 50	1.908	0.5896	9.0860	1.7948	3.9256	0.6757	0.2438	1.0705
250ST250-43	0.0451	0.0428	1.5	33 / 50	1.094	0.3389	0.4350	0.3314	1.1328	0.2311	0.1392	0.8258
362ST250-43	0.0451	0.0428	1.5	33 / 50	1.258	0.3897	0.9551	0.5094	1.5656	0.2606	0.1474	0.8177
400ST250-43	0.0451	0.0428	1.5	33 / 50	1.313	0.4066	1.1817	0.5730	1.7048	0.2687	0.1496	0.8130
600ST250-43	0.0451	0.0428	1.5	33 / 50	1.604	0.4968	2.9024	0.9477	2.4171	0.3030	0.1578	0.7809
800ST250-43	0.0451	0.0428	1.5	33 / 50	1.896	0.5870	5.6170	1.3827	3.0934	0.3267	0.1628	0.7460
1000ST250-43	0.0451	0.0428	1.5	33 / 50	2.187	0.6772	9.5063	1.8778	3.7467	0.3440	0.1663	0.7128
250ST300-43	0.0451	0.0428	2.0	33 / 50	1.240	0.3840	0.5100	0.3886	1.1524	0.3774	0.1949	0.9913
362ST300-43	0.0451	0.0428	2.0	33 / 50	1.404	0.4348	1.1099	0.5919	1.5977	0.4260	0.2070	0.9898
400ST300-43	0.0451	0.0428	2.0	33 / 50	1.459	0.4517	1.3694	0.6640	1.7412	0.4397	0.2102	0.9867
600ST300-43	0.0451	0.0428	2.0	33 / 50	1.750	0.5419	3.3191	1.0838	2.4749	0.4986	0.2226	0.9592
800ST300-43	0.0451	0.0428	2.0	33 / 50	2.041	0.6321	6.3531	1.5638	3.1703	0.5407	0.2306	0.9249
1000ST300-43	0.0451	0.0428	2.0	33 / 50	2.332	0.7223	10.6518	2.1041	3.8402	0.5723	0.2361	0.8901
250ST350-43	0.0451	0.0428	2.5	33 / 50	1.386	0.4291	0.5851	0.4458	1.1676	0.5713	0.2589	1.1537
362ST350-43	0.0451	0.0428	2.5	33 / 50	1.550	0.4799	1.2646	0.6745	1.6234	0.6445	0.2753	1.1589
400ST350-43	0.0451	0.0428	2.5	33 / 50	1.604	0.4968	1.5571	0.7549	1.7704	0.6656	0.2797	1.1575
600ST350-43	0.0451	0.0428	2.5	33 / 50	1.896	0.5870	3.7359	1.2199	2.5228	0.7576	0.2973	1.1361
800ST350-43	0.0451	0.0428	2.5	33 / 50	2.187	0.6772	7.0892	1.7450	3.2355	0.8251	0.3088	1.1038
1000ST350-43	0.0451	0.0428	2.5	33 / 50	2.478	0.7674	11.7974	2.3304	3.9209	0.8768	0.3169	1.0689
250ST250-54	0.0566	0.0538	1.5	33 / 50	1.371	0.4238	0.5391	0.4108	1.1279	0.2876	0.1737	0.8238
362ST250-54	0.0566	0.0538	1.5	33 / 50	1.577	0.4875	1.1873	0.6332	1.5607	0.3245	0.1841	0.8159
400ST250-54	0.0566	0.0538	1.5	33 / 50	1.645	0.5087	1.4699	0.7127	1.6999	0.3347	0.1868	0.8112
600ST250-54	0.0566	0.0538	1.5	33 / 50	2.011	0.6219	3.6181	1.1814	2.4120	0.3775	0.1971	0.7791
800ST250-54	0.0566	0.0538	1.5	33 / 50	2.378	0.7351	7.0105	1.7257	3.0882	0.4071	0.2034	0.7442
1000ST250-54	0.0566	0.0538	1.5	33 / 50	2.744	0.8483	11.8739	2.3455	3.7413	0.4288	0.2078	0.7110
250ST300-54	0.0566	0.0538	2.0	33 / 50	1.554	0.4804	0.6325	0.4819	1.1474	0.4702	0.2435	0.9893
362ST300-54	0.0566	0.0538	2.0	33 / 50	1.760	0.5441	1.3803	0.7362	1.5928	0.5310	0.2587	0.9879
400ST300-54	0.0566	0.0538	2.0	33 / 50	1.828	0.5653	1.7041	0.8263	1.7363	0.5483	0.2626	0.9848
600ST300-54	0.0566	0.0538	2.0	33 / 50	2.195	0.6785	4.1392	1.3516	2.4699	0.6220	0.2783	0.9575
800ST300-54	0.0566	0.0538	2.0	33 / 50	2.561	0.7917	7.9317	1.9524	3.1652	0.6747	0.2883	0.9231
1000ST300-54	0.0566	0.0538	2.0	33 / 50	2.927	0.9049	13.3083	2.6288	3.8350	0.7141	0.2952	0.8884
250ST350-54	0.0566	0.0538	2.5	33 / 50	1.737	0.5370	0.7258	0.5530	1.1626	0.7122	0.3236	1.1517
362ST350-54	0.0566	0.0538	2.5	33 / 50	1.943	0.6007	1.5733	0.8391	1.6184	0.8041	0.3442	1.1570
400ST350-54	0.0566	0.0538	2.5	33 / 50	2.011	0.6219	1.9384	0.9398	1.7655	0.8306	0.3497	1.1557
600ST350-54	0.0566	0.0538	2.5	33 / 50	2.378	0.7351	4.6602	1.5217	2.5179	0.9458	0.3718	1.1343
800ST350-54	0.0566	0.0538	2.5	33 / 50	2.744	0.8483	8.8528	2.1792	3.2305	1.0303	0.3862	1.1021
1000ST350-54	0.0566	0.0538	2.5	33 / 50	3.110	0.9615	14.7428	2.9122	3.9158	1.0949	0.3964	1.0671
250ST250-68	0.0713	0.0677	1.5	33 / 50	1.717	0.5313	0.6684	0.5092	1.1216	0.3585	0.2173	0.8214
362ST250-68	0.0713	0.0677	1.5	33 / 50	1.976	0.6115	1.4775	0.7880	1.5544	0.4048	0.2305	0.8136

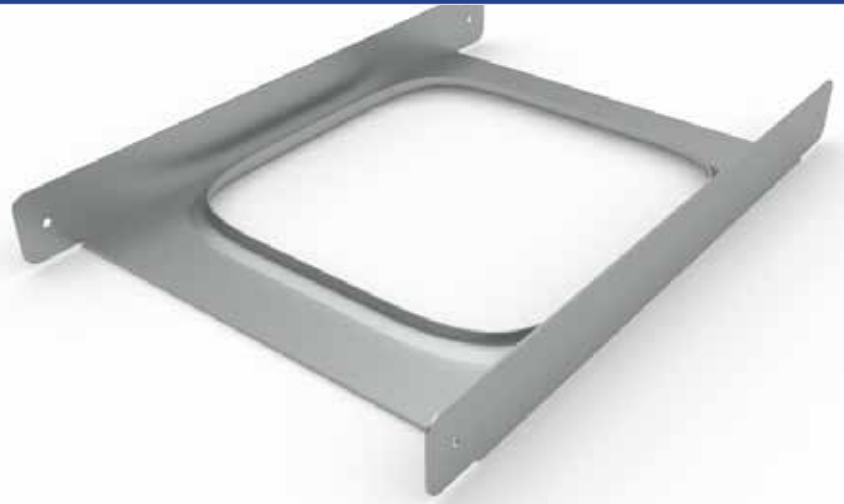


PROFILE	DESIGN	MINIMUM				SECTIONAL PROPERTIES						
	THICKNESS	THICKNESS	SLOT SIZE	FY	WEIGHT	AREA	IX	SX	RX	IY	SY	RY
	(IN)	(IN)	(IN)	(KSI)	(LB/FT)	(IN ²)	(IN ⁴)	(IN ³)	(IN)	(IN ⁴)	(IN ³)	(IN)
400ST250-68	0.0713	0.0677	1.5	33 / 50	2.062	0.6383	1.8307	0.8876	1.6936	0.4176	0.2338	0.8089
600ST250-68	0.0713	0.0677	1.5	33 / 50	2.523	0.7809	4.5187	1.4755	2.4056	0.4713	0.2468	0.7769
800ST250-68	0.0713	0.0677	1.5	33 / 50	2.984	0.9235	8.7691	2.1586	3.0815	0.5083	0.2548	0.7419
1000ST250-68	0.0713	0.0677	1.5	33 / 50	3.445	1.0661	14.8674	2.9368	3.7344	0.5355	0.2602	0.7087
250ST300-68	0.0713	0.0677	2.0	33 / 50	1.947	0.6026	0.7846	0.5978	1.1411	0.5867	0.3049	0.9867
362ST300-68	0.0713	0.0677	2.0	33 / 50	2.206	0.6828	1.7187	0.9167	1.5865	0.6633	0.3241	0.9856
400ST300-68	0.0713	0.0677	2.0	33 / 50	2.293	0.7096	2.1236	1.0296	1.7300	0.6849	0.3291	0.9825
600ST300-68	0.0713	0.0677	2.0	33 / 50	2.753	0.8522	5.1720	1.6888	2.4636	0.7775	0.3488	0.9552
800ST300-68	0.0713	0.0677	2.0	33 / 50	3.214	0.9948	9.9253	2.4432	3.1587	0.8436	0.3613	0.9209
1000ST300-68	0.0713	0.0677	2.0	33 / 50	3.675	1.1374	16.6691	3.2927	3.8283	0.8930	0.3700	0.8861
250ST350-68	0.0713	0.0677	2.5	33 / 50	2.177	0.6739	0.9009	0.6864	1.1562	0.8897	0.4054	1.1490
362ST350-68	0.0713	0.0677	2.5	33 / 50	2.436	0.7541	1.9600	1.0453	1.6121	1.0053	0.4315	1.1546
400ST350-68	0.0713	0.0677	2.5	33 / 50	2.523	0.7809	2.4166	1.1717	1.7592	1.0386	0.4385	1.1533
600ST350-68	0.0713	0.0677	2.5	33 / 50	2.984	0.9235	5.8252	1.9021	2.5116	1.1834	0.4663	1.1320
800ST350-68	0.0713	0.0677	2.5	33 / 50	3.445	1.0661	11.0815	2.7277	3.2241	1.2894	0.4845	1.0998
1000ST350-68	0.0713	0.0677	2.5	33 / 50	3.905	1.2087	18.4708	3.6485	3.9092	1.3705	0.4972	1.0648
250ST250-97	0.1017	0.0996	1.5	33 / 50	2.500	0.7503	0.9220	0.7050	1.1085	0.5000	0.3056	0.8163
362ST250-97	0.1017	0.0996	1.5	33 / 50	2.882	0.8648	2.0546	1.0958	1.5414	0.5656	0.3244	0.8088
400ST250-97	0.1017	0.0996	1.5	33 / 50	3.009	0.9029	2.5501	1.2364	1.6806	0.5838	0.3292	0.8041
600ST250-97	0.1017	0.0996	1.5	33 / 50	3.687	1.1063	6.3312	2.0673	2.3923	0.6596	0.3476	0.7722
800ST250-97	0.1017	0.0996	1.5	33 / 50	4.365	1.3097	12.3259	3.0341	3.0678	0.7119	0.3589	0.7372
1000ST250-97	0.1017	0.0996	1.5	33 / 50	5.042	1.5131	20.9412	4.1365	0.7041	0.7501	0.3666	0.7041
250ST300-97	0.1017	0.0996	2.0	33 / 50	2.839	0.8520	1.0839	0.8258	1.1279	0.8207	0.4295	0.9815
362ST300-97	0.1017	0.0996	2.0	33 / 50	3.221	0.9665	2.3930	1.2763	1.5735	0.9295	0.4570	0.9807
400ST300-97	0.1017	0.0996	2.0	33 / 50	3.348	1.0046	2.9617	1.4360	1.7170	0.9602	0.4642	0.9777
600ST300-97	0.1017	0.0996	2.0	33 / 50	4.026	1.2080	7.2537	2.3685	2.4505	1.0913	0.4923	0.9505
800ST300-97	0.1017	0.0996	2.0	33 / 50	4.704	1.4114	13.9626	3.4369	3.1453	1.1847	0.5101	0.9162
1000ST300-97	0.1017	0.0996	2.0	33 / 50	5.381	1.6148	23.4955	4.6411	3.8145	1.2545	0.5224	0.8814
250ST350-97	0.1017	0.0996	2.5	33 / 50	3.178	0.9537	1.2458	0.9492	1.1429	1.2471	0.5719	1.1435
362ST350-97	0.1017	0.0996	2.5	33 / 50	3.560	1.0682	2.7314	1.4567	1.5991	1.4115	0.6094	1.1496
400ST350-97	0.1017	0.0996	2.5	33 / 50	3.687	1.1063	3.3732	1.6355	1.7462	1.4588	0.6193	1.1483
600ST350-97	0.1017	0.0996	2.5	33 / 50	4.365	1.3097	8.1761	2.6697	2.4986	1.6643	0.6590	1.1273
800ST350-97	0.1017	0.0996	2.5	33 / 50	5.042	1.5131	15.5993	3.8398	3.2108	1.8146	0.6849	1.0951
1000ST350-97	0.1017	0.0996	2.5	33 / 50	5.720	1.7165	26.0499	5.1457	3.8957	1.9292	0.7030	1.0602

Slotted Track Allowable Loads:

LOAD CAPACITIES (LBS)										
TRACK LEG	GAP	FY	18 (MILS)	30 (MILS)	33 (MILS)	43 (MILS)	54 (MILS)	68 (MILS)	97 (MILS)	
		(KSI)	0.0188	0.0312	0.0346	0.0451	0.0566	0.0713	0.1017	
2"1/2	3/4"	33	-	-	73	119	153	187	224	
3"	1"	33	-	-	54	93	125	157	189	
3"1/2	1"3/8	33	-	-	41	67	97	127	154	
2"1/2	3/4"	50	-	77	129	181	233	308	503	
3"	1"	50	-	45	93	141	189	248	399	
3"1/2	1"3/8	50	-	-	57	101	145	188	295	

BIG E-Z BLOCKING®

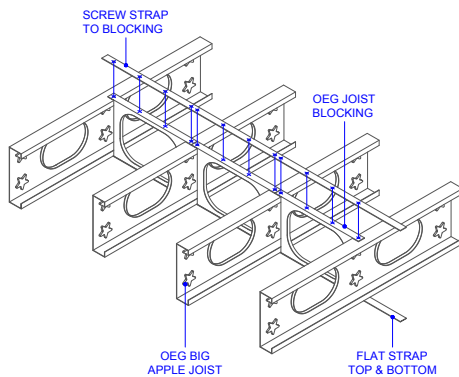


OEG Big E-Z blocking® is used in conjunction with floor joist systems like the Big Apple Joist®. Big-Easy blocking® is a cost-effective labor-saving solution eliminating the need for extra clip angles and securely fastens to joists using four screws only. Big-Easy blocking® is pre-cut to fit securely between floor joists without any clips to prevent joist rotation against lateral torsional buckling. Big-Easy blocking® is used as an alternative in place of typical bracing/bridging or strapping and provides greater strength as compared to conventional bracing.

Big-Easy blocking® is spaced as per design requirement typically at 16" or 12" o.c. Big-Easy blocking® have pre-punched holes to aid in the ease of installation and quick erection of floor systems. The unique shape, size and holes of Big-Easy blocking® allow easy layout of services and utility lines.

Specifications:

- Available for framing conditions of 12" and 16" O.C.
- Available flange sizes: 2", 2 ½" and 3".
- Available web depths (works in conjunction with Big Apple Joist sizes): 8", 10", 12", 14" and 16".
- Available in 16ga (54 mils).
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003.



BRIDGING RECCOMENDATION	
SPAN	ROWS REQUIRED
Up to 14 ft	One Row @ Mid-Span
14 ft to 20 ft	Two Rows @ Third Points
20 ft to 26 ft	Three Rows @ Quarter Points

Ordering Information:

ITEM CODE	WEB	FLANGE	SPACING
JB8(12/16)	8"	2"	12" or 16"
JB8(12/16)X	8"	2 ½"	12" or 16"
JB8(12/16)EX	8"	3"	12" or 16"
JB8(12/16)EXX	8"	3 ½"	12" or 16"
JB10(12/16)	10"	2"	12" or 16"
JB10(12/16)X	10"	2 ½"	12" or 16"
JB10(12/16)EX	10"	3"	12" or 16"
JB10(12/16)EXX	10"	3 ½"	12" or 16"
JB12(12/16)	12"	2"	12" or 16"
JB12(12/16)X	12"	2 ½"	12" or 16"
JB12(12/16)EX	12"	3"	12" or 16"
JB12(12/16)EXX	12"	3 ½"	12" or 16"
JB14(12/16)	14"	2"	12" or 16"
JB14(12/16)X	14"	2 ½"	12" or 16"
JB14(12/16)EX	14"	3"	12" or 16"
JB14(12/16)EXX	14"	3 ½"	12" or 16"
JB16(12/16)	16"	2"	12" or 16"
JB16(12/16)X	16"	2 ½"	12" or 16"
JB16(12/16)EX	16"	3"	12" or 16"
JB16(12/16)EXX	16"	3 ½"	12" or 16"

WEB STIFFENER



OEG Web Stiffener is a structural component, used to provide reinforcement in the web of joists to resist web crippling at critical load points. Inserting Web Stiffener in joists can increase the load capacity of the joist. The number of web stiffeners and the spacing between them will depend upon each specific design requirements. Consult with CFM Engineer for proper web stiffening requirements for your project. Web stiffener should be installed by sliding them in from the end of the joist.

Specifications:

- Available in 16ga (54 mils), 14ga (68 mils) and 12ga (97).
- Web depth sizes: 4", 6", 8", 10", 12", 14" and 16".
- Flange size: 1-1/4".
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003.

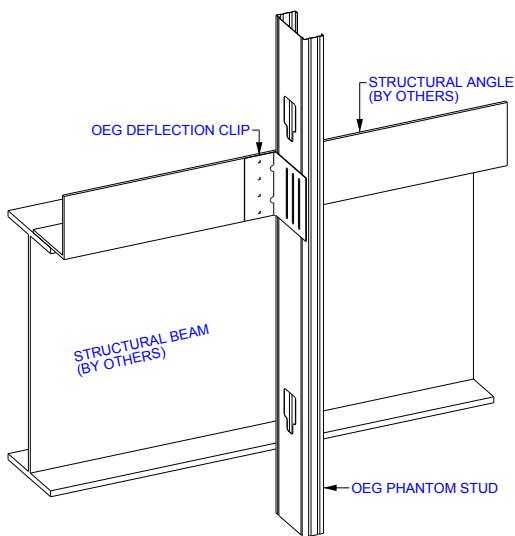
E-Z DEFLECTION CLIP



OEG E-Z Deflection Clip is a structural component used in the deflection of exterior curtain walls to main structure. E-Z Deflection Clip provides for vertical building movement of up to 3 inches and will permit up to 2 inches of standoff from primary structure. E-Z Deflection Clip can be installed quickly with included screws and provides adjustable standoff to ensure a plumb wall plane.

Specifications:

- Available sizes: 3.5" and 5.5".
- Available in 14ga (68 mils) and 12ga (97 mils).
- Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003.



Ordering Information:

ITEM CODE	GAUGE	MILS	SIZE	PIECES
DC31212	12	97	1-1/2" x 3-1/2" x 4-1/2"	25
DC31214	14	68	1-1/2" x 3-1/2" x 4-1/2"	25
DC51212	12	97	1-1/2" x 5-1/2" x 4-1/2"	25
DC51214	14	68	1-1/2" x 5-1/2" x 4-1/2"	25

TOP FLANGE JOIST HANGER



OEG Top Flange Joist Hanger is used to connect joists with cold formed steel headers and structural steel beams. Available in 12ga (97 mils) and many widths, see ordering guide below. Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003

Ordering Information:

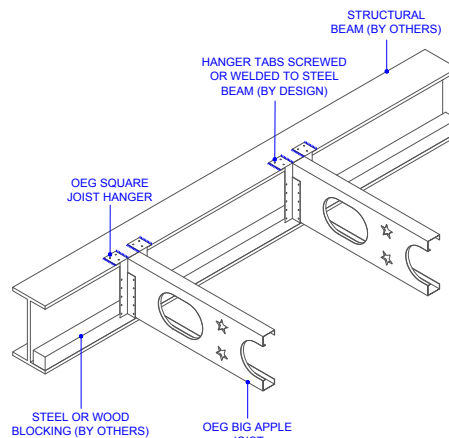
ITEM CODE	WIDTH (IN)	HEIGHT (IN)
Item Code	Width (in)	Height (in)
JH1588	1 5/8	8
JH15812	1 5/8	12
JH26	2	6
JH28	2	8
JH210	2	10
JH212	2	12
JH214	2	14
JH216	2	16
JH256	2 1/2	6
JH258	2 1/2	8
JH2510	2 1/2	10
JH2512	2 1/2	12

ITEM CODE	WIDTH (IN)	HEIGHT (IN)
JH2514	2 1/2	14
JH2516	2 1/2	16
JH36	3	6
JH38	3	8
JH310	3	10
JH312	3	12
JH314	3	14
JH316	3	16
JH46	4	6
JH48	4	8
JH410	4	10
JH412	4	12
JH414	4	14

ITEM CODE	WIDTH (IN)	HEIGHT (IN)
JH416	4	16
JH56	5	6
JH58	5	8
JH510	5	10
JH512	5	12
JH514	5	14
JH516	5	16
JH66	6	6
JH68	6	8
JH610	6	10
JH612	6	12
JH614	6	14
JH616	6	16

Allowable Loads

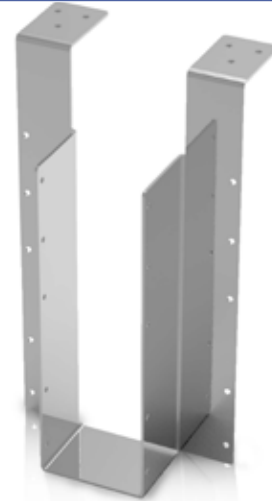
FASTENERS 6 (TOP)	DIMENSIONS (IN)			ALLOWABLE DOWNWARD LOAD 1 (LBS)
	W	H	B	
6 - #12 Screws	See Table		2	18602
6 - P.A.F.	See Table		2	40503
1/8" x 1" Welds	See Table		2	45504



Specifications:

1. Allowable loads are based on testing with full bearing of the joist and are governed by either serviceability or strength.
2. Allowable load is based on attachment to a 68 mil CFS supporting member.
3. Allowable load is based on Hilti X-U pins to 1/2" thick steel (Fy = 36 ksi min).
4. Allowable load is based on welds to 1/2" thick steel (Fy = 36 ksi min).
5. Joist hanger testing was in accordance with AISI S914-08 Test Standard.
6. Half the fasteners per tab and welds each side of each tab.
7. Consult with CFM engineer for proper fastening design.

SQUARE JOIST HANGER



OEG Square Joist Hanger is used to connect joists with cold formed steel headers and structural steel beams. Available in 12ga (97 mils) and many widths, see ordering table below. Zinc-Coated (Galvanized) sheet metal meets or exceeds ASTM A653 and ASTM A1003.

Ordering Information:

ITEM CODE	WIDTH (IN)	HEIGHT (IN)
JHN210	2	10
JHN212	2	12
JHN214	2	14
JHN2510	5	10
JHN2512	5	12
JHN2514	5	14
JHN258	5	8
JHN28	2	8
JHN310	3	10
JHN312	3	12
JHN314	3	14
JHN38	3	8
JHN412	4	12
JHN41410	4.25	10
JHN41412	4.25	12
JHN41414	4.25	14
JHN4148	4.25	8

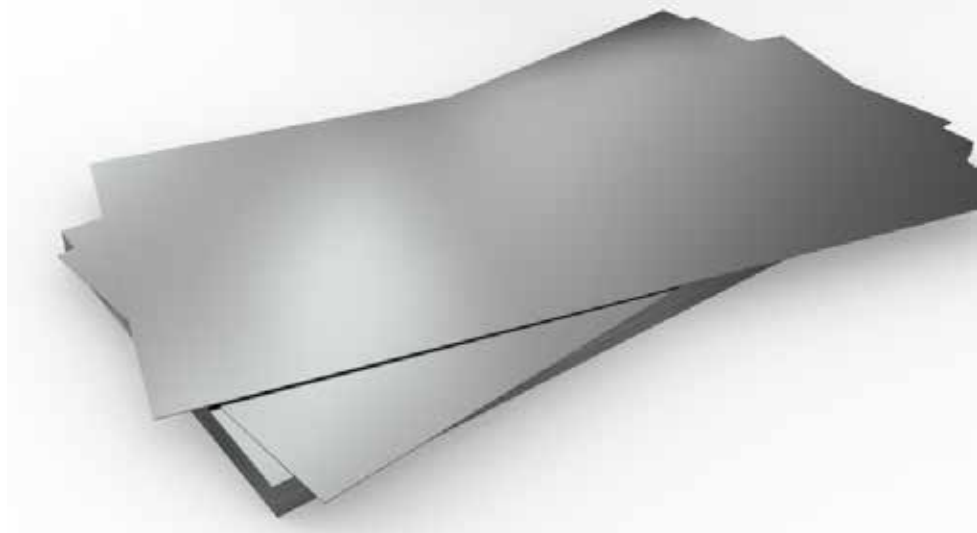
Allowable Loads

(3) #12 SCREWS		(3) X-U PDFS		WELDED	
JOIST SIZE	ALLOWABLE LOAD (LBS)	JOIST SIZE	ALLOWABLE LOAD (LBS)	JOIST SIZE	ALLOWABLE LOAD (LBS)
2x8	3981	2x8	5133	2x8	5101
2x10	4087	2x10	5314	2x10	5275
2x12	4246	2x12	5584	2x12	5536
2x14	4467	2x14	5961	2x14	5899
2.5x8	4039	2.5x8	5066	2.5x8	5057
2.5x10	4133	2.5x10	5214	2.5x10	5220
2.5x12	4274	2.5x12	5423	2.5x12	5456
2.5x14	4469	2.5x14	5685	2.5x14	5771
3x8	4097	3x8	4932	3x8	4968
3x10	4179	3x10	4982	3x10	5105
3x12	4301	3x12	5083	3x12	5375
3x14	4472	3x14	5134	3x14	5514
4.25x8	4243	4.25x8	4865	4.25x8	4924
4.25x10	4294	4.25x10	4863	4.25x10	5025
4.25x12	4371	4.25x12	4860	4.25x12	5175
4.25x14	4478	4.25x14	4858	4.25x14	5385

Specifications:

1. Allowable load is based on attachment to a 68 mil CFS supporting member.
2. Allowable load is based on Hilti X-U pins to 1/2" thick steel (Fy = 36 ksi min).
3. Allowable load is based on welds to 1/2" thick steel (Fy = 36 ksi min).
4. Half the fasteners per tab and welds each side of each tab.
5. Consult with CFM engineer for proper fastening design

FLAT STOCK

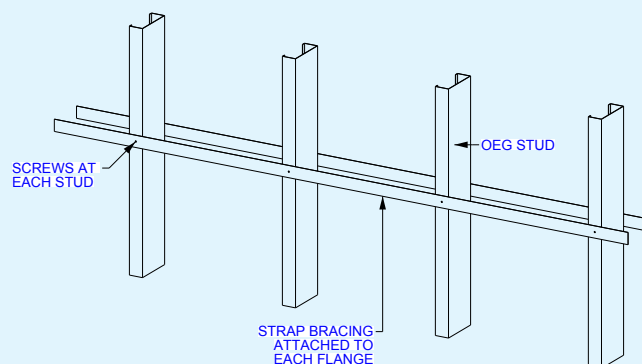


Strapping

OEG Strapping is commonly used as bracing for studs with depths greater than 6". Strapping used in conjunction with blocking prevents stud rotation and minor axis buckling under wind and axial loads. It is also effective where knockouts are not aligned. Blocking/Strapping is field cut to suit the requirements.

Specifications:

- Available in all gauges.
- Also available in any custom sizes and lengths.



Backing Plate:

OEG Backing Plate is a multipurpose component used in various applications to support shelves, cabinets, grabrails and handrails etc. When applied to metal framing, backing plate should not be used for the purpose of lateral or diagonal bracing.

Specifications:

- Available in all gauges.
- Also available in any custom sizes and lengths.

Sheet Metal:

OEG Galvanized Sheet Metal is intended for use where greater corrosion protection is required without painting. Galvanized Sheet Metal is easy to weld, form, and drill. Galvanized Steel Sheets are ideal for a wide range of outdoor applications, or for decorative interior design.

Specifications:

- Available in all gauges.
- Available sizes: 1'x1', 1'x2', 1'x4', 2'x2', 2'x4', 4'x4', 4'x8', 4'x10' and 4'x12'
- Custom sizes are also available.

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