Rep Materials Company

GALVANIZED PRODUCT CATALOG

2025 - Conduit, Fittings, Strut and Strut Fittings

Stay Ahead with
Rep Materials Company

Electrical Metallic Tubing - (EMT) Conduit

RMC's Electrical Metallic Conduit (EMT) (UL797) has excellent protection, strength, and ductility for raceway systems. Our EMT is manufactured with high strength steel, and produced by the electrical resitance welding process which ensures continuous weld seams that are free from interior defects. We rigorously test our EMT to provide field bending without flaking, kinking or cracking.

Features

- Galvanized coating provides enhanced corrosion proteciton
- Greater wire capacity and less friction between wall to wire to minimize wire chafing.
- Interior Zinc Coating provides a smooth surface for faster wire pulling.

Listings

- Underwriters Laboratories Standard for EMT-Steel (UL797) file # E531582
- American National Standards Institute (ANSI® C80.3)
- National Electric Code® Article 358

Dimension and Weight Chart (EMT & Color EMT) and Packing Schedule (EMT & Color EMT)

ELECTRICAL METALLIC TUBING (EMT)																	
ITEM #	TRADE SIZE		NOMINAL WT. PER 100FT (30.5M)		NOMINAL OUTSIDE DIAMETER		NOMINAL WALL THICKNESS		COLOR TAPE	QUANTITY IN BUNDLE		QUANTITY PER LIFT				WEIGHT/LIFT	
	U.S	Metric	Lbs.	Kg.	in.	mm.	in.	mm.		Feet	Meters	PCS	BD's	Feet	Meters	Lbs.	Kg.
EMTCT05	1/2	16	30	13.5	0.706	17.93	0.042	1.07	Black	100	30.5	-	70	7000	2134	2083	945
EMTCT07	3/4	21	46	20.7	0.922	23.42	0.049	1.24	Red	100	30.5	-	50	5000	1524	2282	1,035
EMTCT10	1	27	67	30.6	1.163	29.54	0.057	1.45	Blue	100	30.5	-	30	3000	914	2024	918
EMTCT12	1-1/4	35	101	45.6	1.510	38.35	0.065	1.65	Red	50	15.2	-	40	2000	610	2011	912
EMTCT15	1-1/2	41	116	52.8	1.740	44.20	0.065	1.65	Black	50	15.2	-	30	1500	457	1746	792
EMTCT20	2	53	148	67.2	2.197	55.80	0.065	1.65	Blue	30	9.14	-	40	1200	366	1777	806
EMTCT25	2-1/2	63	216	97.9	2.875	73.03	0.072	1.83	Black	-	-	61	-	610	186	1316	597
EMTCT30	3	78	265	120.0	3.500	88.90	0.072	1.83	Blue	-	-	51	-	510	155	1349	612
EMTCT35	3-1/2	91	348	158.0	4.000	101.60	0.083	2.11	Black	-	-	37	-	370	113	1290	585
EMTCT40	4	103	392	178.0	4.500	114.30	0.083	2.11	Blue	-	-	30	-	300	91	1179	534

Notes: 1. Applicable tolerances - Length: 10ft. ± 1/4". Outside Diameter: 1/2"-2"± 0.005"; 2 1/2"±0.010"; 3"±0.015"; 3 1/2" - 4"±0.020".

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Galvanized Rigid Conduit - (GRC)

RMC's Galvanized Rigid Conduit (GRC) (UL6) has excellent protection, strength, and ductility for raceway systems. Our rigid conduit is manufactured from high strength hot-dipped galvanized steel and produced by the electrical resistance welding process which ensures continuous weld seams that that will not split or crack at the weld and are free from interior defects. Our precision threaded ends ensure fast assembly in the field.

Features

- Rigid conduit provides exceptional physical protection, reduces exposure to EMF and shields against electromagnetic interference.
- Hot dipped galvanized coating provides enhanced corrosion protection.
- Impact-resistant and non-combustible.

Listings

- Underwriters Laboratories Standard for rigid conduit (UL6) file # E531580
- American National Standards Institute (ANSI® C80.1)
- National Electric Code® Article 344

Dimension and Weight Chart and Packing Schedule (GRC)

GALVANIZED RIGID CONDUIT (GRC)																	
PART NUMBER	TRADE SIZE		NOMINAL WT. PER 100FT (30.5M)		NOMINAL OUTSIDE DIAMETER		NOMINAL WALL THICKNESS		COLOR TAPE	QUANTITY IN BUNDLE		QUANTITY PER LIFT				WEIGHT/LIFT	
	U.S	Metric	Lbs.	Kg.	in.	mm.	in.	mm.		Feet	Meters	PCS	BD's	Feet	Meters	Lbs.	Kg.
RMCCT05	1/2	16	82	37.2	0.840	21.3	0.104	2.60	Black	100	30.5	-	25	2500	762	2050	930
RMCCT07	3/4	21	109	49.4	1.050	26.7	0.107	2.70	Red	50	15.2	-	40	2000	610	2178	988
RMCCT10	1	27	161	73.0	1.315	33.4	0.126	3.20	Blue	50	15.2	-	25	1250	381	2013	913
RMCCT12	1-1/4	35	218	98.9	1.660	42.2	0.133	3.40	Red	-	-	90	-	900	274	1962	890
RMCCT15	1-1/2	41	263	119	1.900	48.3	0.138	3.50	Black	-	-	80	-	800	244	2099	952
RMCCT20	2	53	350	159	2.375	60.3	0.146	3.70	Blue	-	-	60	-	600	183	2103	954
RMCCT25	2-1/2	63	559	254	2.875	73.0	0.193	4.90	Black	-	-	37	-	370	113	2072	940
RMCCT30	3	78	727	330	3.500	88.9	0.205	5.20	Blue	-	-	30	-	300	91	2183	990
RMCCT35	3-1/2	91	880	399	4.000	101.6	0.215	5.50	Black	-	-	25	-	250	76	2200	998
RMCCT40	4	103	1030	467	4.500	114.3	0.225	5.70	Blue	-	-	20	-	200	61	2059	934
RMCCT50	5	129	1400	635	5.563	141.3	0.245	6.20	Blue	-	-	15	-	150	46	2101	953
RMCCT60	6	155	1840	835	6.625	168.3	0.266	6.80	Blue	-	-	10	-	100	30	1841	835

Notes: 1. Applicable tolerances - Length: 10ft. ± 1/4". Outside Diameter: 1/2"± 0.015"; 2 1/2"-4" ±0.025"; 5"-6"±1"

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10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Intermediate Metallic Conduit - (IMC)

RMC's Intermediate Metal Conduit (IMC) (UL1242) is slightly more flexible than Rigid conduit, which makes it easier to bend and maneuver during installation but despite the thinner wall material IMC maintains excellent protection, strength and ductility for raceway systems. Our IMC conduit is manufactured from high strength hot-dipped galvanized steel and produced by the electrical resistance welding process.

Features

- IMC conduit provides exceptional physical protection, reduces exposure to EMF and shields against electromagnetic interference.
- Hot dipped galvanized coating provides enhanced corrosion protection.
- Impact-resistant and non-combustible.

Listings

- Underwriters Laboratories Standard for rigid conduit (UL-1242) file # E531579
- American National Standards Institue (ANSI® C80.6)
- National Electric Code® Article 344

Dimension and Weight Chart and Packing Schedule (GRC)

INTERMEDIATE METAL CONDUIT (IMC)																	
PART NUMBER	TRADE SIZE		NOMINAL WT. PER 100FT (30.5M)		NOMINAL OUTSIDE DIAMETER		NOMINAL WALL THICKNESS		COLOR TAPE	QUANTITY IN BUNDLE		QUANTITY PER LIFT				WEIGHT/LIFT	
	U.S	Metric	Lbs.	Kg.	in.	mm.	in.	mm.		Feet	Meters	PCS	BD's	Feet	Meters	Lbs.	Kg.
IMCCT05	1/2	16	62	28.12	0.815	20.70	0.078	1.197	Yellow	100	30.5	350	25	3500	762	2170	703
IMCCT07	3/4	21	84	38.10	1.029	26.14	0.083	2.10	Green	50	15.2	250	40	2500	610	2100	762
IMCCT10	1	27	119	53.98	1.290	32.77	0.093	2.35	Orange	50	15.2	170	25	1700	381	2023	675
IMCCT12	1-1/4	35	158	71.67	1.638	41.59	0.095	2.41	Green	-	-	135	-	1350	274	2133	645
IMCCT15	1-1/2	41	194	88.00	1.883	47.82	0.100	2.54	Yellow	-	-	110	-	1100	244	2134	704
IMCCT20	2	53	256	116.12	2.360	59.93	0.105	2.67	Orange	-	-	80	-	800	183	2048	697
IMCCT25	2-1/2	63	441	200.04	2.857	72.57	0.150	3.81	Yellow	-	-	37	-	370	113	1632	740
IMCCT30	3	78	543	246.30	3.476	88.29	0.150	3.81	Orange	-	-	30	-	300	91	1629	739
IMCCT35	3-1/2	91	629	285.31	3.971	100.86	0.150	3.81	Yellow	-	-	24	-	240	76	1510	714
IMCCT40	4	103	700	317.52	4.466	113.44	0.150	3.81	Orange	-	-	24	-	240	61	1680	635

Notes: 1. Applicable tolerances - Length: 10ft. ± 1/4". Outside Diameter: 1/2"± 0.015"; 2 1/2"-4" ±0.025"; 5"-6"±1"

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10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

EMT Standard Elbows

Our EMT conduit standard elbows are designed to gradually change the direction of the conduit. EMT elbows are available in 90°, 45°, 30°, 22.5°, 15°, and custom degrees of bend.

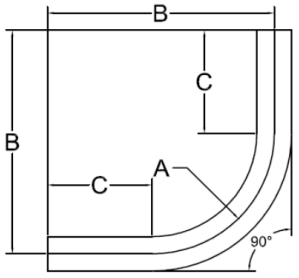
Produced in standard trade sizes from ½" to 4", our EMT elbows are manufactured from our high quality EMT conduit, in accordance with the latest specifications and standards of ANSI C80.3 (UL797).

Features

- Elbows are produced in standard trade sizes from 1/2" to 4"
- Made from high-grade mild strip steel for durability and sustainability
- Galvanized EMT

Listings

- Underwriters Laboratories Standard for EMT-Steel (UL797) file # E531582
- American National Standards Institute (ANSI® C80.3)
- National Electric Code® Article 358



90° dimensional drawing

Dimension and Weight Chart (EMT) and Packing Schedule (EMT)

90° ELECTRIC METALLIC TUBING (EMT) STANDARD RADIUS ELBOWS								
ITEM #	UPC	SIZE	MIN. UL RADIUS "A"	OFFSET "B"	STRAIGHT LENGTH "C"	WEIGHT/ 100PCS	PCS/CARTON	WEIGHT/ CARTON
			in.	in.	in.	lbs.		lbs.
EMTEL0590	0081013870005 1	1/2"	4	5.69	1.67	24	50	12
EMTEL0790	0081013870011 2	3/4"	4.5	6.65	2.16	43	50	22
EMTEL1090	0081013870017 4	1"	5.75	8.11	2.36	77	20	15
EMTEL1290	0081013870023 5	1-1/4"	7.25	10	2.76	142	20	28
EMTEL1590	0081013870029 7	1-1/2"	8.25	11.41	3.15	187	10	19
EMTEL2090	0081013870035 8	2"	9.5	13.74	4.25	288	10	29
EMTEL2590	0081013870041 9	2-1/2"	11	15.75	5.24	467	50	234
EMTEL3090	0081013870047 1	3"	13	18.86	5.87	685	35	240
EMTEL3590	0081013870053 2	3-1/2"	15	21.73	6.73	1039	35	364
EMTEL4090	0081013870059 4	4"	16	23.11	7.13	1285	25	321

Sizes 2-1/2" and larger shipped in palletized cartons or bulk. Radius A is the minimum per UL797. Dimensions B and C are reference.

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Rigid Standard Elbows

Our Rigid conduit standard elbows are available in 90°, 45°, 30°, 22.5°, 15°, and custom degrees of bend.

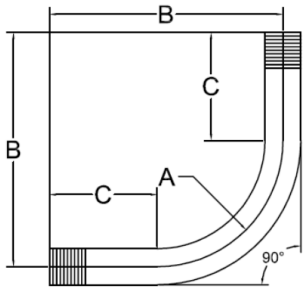
Rigd Conduit Elbows are manufactured from prime conduit shell in accordance with the latest specifications and standard of ANSI C80.1(UL6).

Features

- Elbows are produced in standard trade sizes from 1/2" to 6"
- Made from high-grade mild strip steel for durability and sustainability
- Galvanized Rigid Steel

Listings

- Underwriters Laboratories Standard for rigid conduit (UL6) file # E531580
- American National Standards Institute (ANSI® C80.1)
- National Electric Code® Article 344



90° dimensional drawing

Dimension and Weight Chart and Packing Schedule (GRC)

90° RIGID CONDUIT (GRC) STANDARD RADIUS ELBOWS								
ITEM #	UPC	SIZE	MIN. UL RADIUS "A"	OFFSET "B"	STRAIGHT LENGTH "C"	WEIGHT/ 100PCS	PCS/CARTON	WEIGHT/ CARTON
			in.	in.	in.	lbs.		lbs.
RMCEL0590	00810138702321	1/2"	4	5.69	1.67	66	50	33
RMCEL0790	00810138702376	3/4"	4.5	6.65	2.16	104	50	52
RMCEL1090	00810138702420	1"	5.75	8.11	2.36	185	20	37
RMCEL1290	00810138702475	1-1/4"	7.25	10	2.76	307	20	61
RMCEL1590	00810138702529	1-1/2"	8.25	11.41	3.15	422	10	42
RMCEL2090	00810138702574	2"	9.5	13.74	3.54	683	10	68
RMCEL2590	00810138702628	2-1/2"	11	15.75	4.72	1212	50	606
RMCEL3090	00810138702673	3"	13	18.86	5.32	1884	35	659
RMCEL3590	00810138702727	3-1/2"	15	21.73	6.1	2624	35	919
RMCEL4090	00810138702772	4"	16	23.11	6.5	3372	25	843
RMCEL5090	00810138702826	5"	24	35.16	11.16	6997	BULK	1,749
RMCEL6090	00810138702871	6"	30	43.27	13.26	11286	BULK	2,822

Sizes 2-1/2" and larger shipped in palletized cartons or bulk, with thread protectors on each end. Radius A is the minimum per UL6. Dimensions B and C are reference dimensions.

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

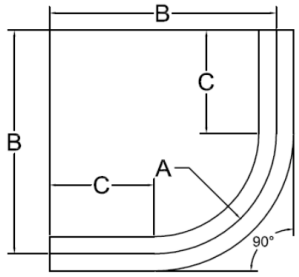
EMT Special Radius Elbows

Our EMT Special Radius Elbows are manufactured from our high quality EMT conduit. EMT Special Radius Elbows are specifically designed to provide a smooth and gradual change in direction.

Our EMT elbows are manufactured in accordance with the latest specifications and standards of ANSI C80.3 (UL797).

Product Range

- Trade Sizes: 1/2" to 4"
- Stocking Radii: 24", 36", and 48"
- Special Order Radii: 60", 72", 96", 120", 144", and 150"



90° dimensional drawing

Features

- Elbows are produced in standard trade sizes from 1/2" to 4"
- Made from high-grade mild strip steel for durability and sustainability
- Uniform galvanized protection and smoothness on the interior and exterior coatings.

Listings

- Underwriters Laboratories Standard for EMT-Steel (UL797) file # E531582
- American National Standards Institute (ANSI® C80.3)
- National Electric Code® Article 358

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

90° EMT Special Radius Elbows

Dimension and Weight Chart (EMT) and Packing Schedule (EMT)

90° ELECTRIC METALLIC TUBING (EMT) SPECIAL RADIUS ELBOWS								
ITEM #	UPC	SIZE	MIN. UL RADIUS "A"	OFFSET "B"	STRAIGHT LENGTH "C"	WEIGHT/ 100PCS	PCS/CARTON	WEIGHT/ CARTON
			in.	in.	in.	lbs.		lbs.
EMTSW109018	00810138703663	1" X 90° X 18"	18	28	11	2784	-	1,392
EMTSW129018	00810138703670	1-1/4" X 90° X 18"	18	28	11	2919	-	1,460
EMTSW159018	00810138703687	1-1/2" X 90° X 18"	18	28	11	3027	-	1,513
EMTSW209018	00810138700853	2" X 90° X 18"	18	28	11	765	70	536
EMTSW109024	00810138704103	1" X 90° X 24"	24	35	11	339	-	-
EMTSW129024	00810138704110	1-1/4" X 90° X 24"	24	35	11	511	-	-
EMTSW159024	00810138700778	1-1/2" X 90° X 24"	24	35	11	599	70	419
EMTSW209024	00810138700860	2" X 90° X 24"	24	35	11	765	70	536
EMTSW259024	00810138700921	2-1/2" X 90° X 24"	24	35	11	1073	70	751
EMTSW309024	00810138700983	3" X 90° X 24"	24	35	11	1307	48	627
EMTSW359024	00810138703694	3-1/2" X 90° X 24"	24	35	11	1735	40	694
EMTSW409024	00810138701041	4" X 90° X 24"	24	35	11	1954	40	782
EMTSW109036	00810138704127	1" X 90° X 36"	36	47	11	452	-	316
EMTSW129036	00810138700716	1-1/4" X 90° X 36"	36	47	11	682	70	477
EMTSW159036	00810138700785	1-1/2" X 90° X 36"	36	47	11	783	70	548
EMTSW209036	00810138700877	2" X 90° X 36"	36	47	11	999	70	699
EMTSW259036	00810138700938	2-1/2" X 90° X 36"	36	47	11	1411	70	988
EMTSW309036	00810138700990	3" X 90° X 36"	36	47	11	1719	48	825
EMTSW359036	00810138703700	3-1/2" X 90° X 36"	36	47	11	2282	40	913
EMTSW409036	00810138701058	4" X 90° X 36"	36	47	11	2570	40	1,028
EMTSW109048	00810138704134	1" X 90° X 48"	48	60	11	650	-	-
EMTSW129048	00810138704141	1-1/4" X 90° X 48"	48	60	11	700	-	-
EMTSW159048	00810138700792	1-1/2" X 90° X 48"	48	60	11	967	70	677
EMTSW209048	00810138700884	2" X 90° X 48"	48	60	11	1233	70	863
EMTSW259048	00810138700945	2-1/2" X 90° X 48"	48	60	11	1786	70	1,250
EMTSW309048	00810138701003	3" X 90° X 48"	48	60	11	2176	48	1,044
EMTSW359048	00810138703717	3-1/2" X 90° X 48"	48	60	11	2888	40	1,155
EMTSW409048	00810138701065	4" X 90° X 48"	48	60	11	3253	40	1,301
EMTSW109060	00810138704158	1" X 90° X 60"	60	72	11	670	-	-
EMTSW129060	00810138704165	1-1/4" X 90° X 60"	60	72	11	1010	-	-
EMTSW159060	00810138703946	1-1/2" X 90° X 60"	60	72	11	1160	70	812
EMTSW209060	00810138703953	2" X 90° X 60"	60	72	11	1480	70	1,036
EMTSW259060	00810138703960	2-1/2" X 90° X 60"	60	72	11	2160	70	1,512
EMTSW309060	00810138703977	3" X 90° X 60"	60	72	11	2650	48	1,272
EMTSW359060	00810138703984	3-1/2" X 90° X 60"	60	72	11	3480	40	1,392
EMTSW409060	00810138703991	4" X 90° X 60"	60	72	11	3920	40	1,568

Sizes 2-1/2" and larger shipped in palletized cartons or bulk. Radius A is the minimum per UL797. Dimensions B and C are reference dimensions. All dimensions are approximate. All special radius elbows are noncancelable and nonreturnable.

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

45° EMT Special Radius Elbows

Dimension and Weight Chart (EMT) and Packing Schedule (EMT)

45° ELECTRIC METALLIC TUBING (EMT) SPECIAL RADIUS ELBOWS								
ITEM #	UPC	SIZE	MIN. UL RADIUS "A"	OFFSET "B"	STRAIGHT LENGTH "C"	WEIGHT/ 100PCS	PCS/CARTON	WEIGHT/ CARTON
			in.	in.	in.	lbs.		lbs.
EMTSW104518	00810138700600	1" X 45° X 18"	18	12.5	11	212	70	148
EMTSW124518	00810138700662	1-1/4" X 45° X 18"	18	12.5	11	320	70	224
EMTSW154518	00810138700723	1-1/2" X 45° X 18"	18	12.5	11	367	70	257
EMTSW204518	00810138700808	2" X 45° X 18"	24	12.5	11	469	70	328
EMTSW104524	00810138700617	1" X 45° X 24"	24	14.84	11	240	70	168
EMTSW124524	00810138700679	1-1/4" X 45° X 24"	24	14.84	11	362	70	253
EMTSW154524	00810138700730	1-1/2" X 45° X 24"	24	14.84	11	416	70	291
EMTSW204524	00810138700815	2" X 45° X 24"	24	14.84	11	530	70	371
EMTSW254524	00810138700891	2-1/2" X 45° X 24"	24	14.84	11	734	70	514
EMTSW304524	00810138700952	3" X 45° X 24"	24	14.84	11	894	48	429
EMTSW354524	00810138703595	3-1/2" X 45° X 24"	24	14.84	11	1186	40	474
EMTSW404524	00810138701010	4" X 45° X 24"	24	14.84	11	1336	40	534
EMTSW104536	00810138700631	1" X 45° X 36"	36	18.35	11	290	70	203
EMTSW124536	00810138700686	1-1/4" X 45° X 36"	36	18.35	11	438	70	307
EMTSW154536	00810138700747	1-1/2" X 45° X 36"	36	18.35	11	503	70	352
EMTSW204536	00810138700822	2" X 45° X 36"	36	18.35	11	641	70	449
EMTSW254536	00810138700907	2-1/2" X 45° X 36"	36	18.35	11	904	70	633
EMTSW304536	00810138700969	3" X 45° X 36"	36	18.35	11	1101	48	528
EMTSW354536	00810138703601	3-1/2" X 45° X 36"	36	18.35	11	1461	40	584
EMTSW404536	00810138701027	4" X 45° X 36"	36	18.35	11	1646	40	658
EMTSW104548	00810138700648	1" X 45° X 48"	48	22.55	11	346	70	242
EMTSW124548	00810138700693	1-1/4" X 45° X 48"	48	22.55	11	522	70	365
EMTSW154548	00810138700754	1-1/2" X 45° X 48"	48	22.55	11	599	70	419
EMTSW204548	00810138700839	2" X 45° X 48"	48	22.55	12	765	70	536
EMTSW254548	00810138700914	2-1/2" X 45° X 48"	48	22.55	12	1109	70	776
EMTSW304548	00810138700976	3" X 45° X 48"	48	22.55	12	1351	48	648
EMTSW354548	00810138703618	3-1/2" X 45° X 48"	48	22.55	12	1793	40	717
EMTSW404548	00810138701034	4" X 45° X 48"	48	22.55	12	2020	40	808
EMTSW104560	00810138700655	1" X 45° X 60"	60	26	11	396	70	277
EMTSW124560	00810138700709	1-1/4" X 45° X 60"	60	26	11	598	70	419
EMTSW154560	00810138700761	1-1/2" X 45° X 60"	60	26	11	686	70	480
EMTSW204560	00810138700846	2" X 45° X 60"	60	26	11	876	70	613
EMTSW254560	00810138703625	2-1/2" X 45° X 60"	60	26	11	3258	50	1,629
EMTSW304560	00810138703632	3" X 45° X 60"	60	26	11	3452	50	1,726
EMTSW354560	00810138703649	3-1/2" X 45° X 60"	60	26	11	3385	50	1,692
EMTSW454560	00810138703656	4" X 45° X 60"	60	26	12	3956	50	1,978

Sizes 2-1/2" and larger shipped in palletized cartons or bulk. Radius A is the minimum per UL797. Dimensions B and C are reference dimensions. All dimensions are approximate. All special radius elbows are noncancelable and nonreturnable.

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

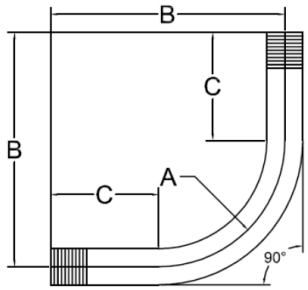
Rigid Conduit
Special Radius Elbows

Our Rigid Special Radius Elbows are manufactured from prime conduit shell in 90°, 45°, and custom degrees of bend.

Our elbows are manufactured in accordance with the latest specifications and standard of ANSI C80.1(UL6).

Product Range

- Trade Sizes: 1/2” to 6”
- Stocking Radii: 24”, 36”, and 48”
- Special Order Radii: 60”, 72”, 96”, 120”, 144”, and 150”



90° dimensional drawing

Features

- Made from high-grade mild strip steel for durability and sustainability
- Galvanized Rigid Steel
- The inside surface is obstruction free and smooth to reduce friction between conduit wall and wire.

Listings

- Underwriters Laboratories Standard for rigid conduit (UL6) file # E531580
- American National Standards Institute (ANSI® C80.1)
- National Electric Code® Article 344

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

90° Rigid Conduit Special Radius Elbows

Dimension and Weight Chart and Packing Schedule (GRC)

90° RIGID CONDUIT (GRC) SPECIAL RADIUS ELBOWS								
ITEM #	UPC	SIZE	MIN. UL RADIUS "A"	OFFSET "B"	STRAIGHT LENGTH "C"	WEIGHT/ 100PCS	PCS/CARTON	WEIGHT/ CARTON
			in.	in.	in.	lbs.		lbs.
RMCSW109018	00810138702932	1" X 90° X 18"	18	28	11	704	-	-
RMCSW129018	00810138703045	1-1/4" X 90° X 18"	18	28	11	953	-	-
RMCSW159018	00810138703151	1-1/2" X 90° X 18"	18	28	11	1149	-	-
RMCSW209018	00810138703250	2" X 90° X 18"	18	28	11	1529	108	1,651
RMCSW109024	00810138702949	1" X 90° X 24"	24	35	11	839	-	-
RMCSW129024	00810138703052	1-1/4" X 90° X 24"	24	35	11	1136	-	-
RMCSW159024	00810138703168	1-1/2" X 90° X 24"	24	35	11	1370	-	-
RMCSW209024	00810138703267	2" X 90° X 24"	24	35	11	1731	108	1,869
RMCSW259024	00810138703335	2-1/2" X 90° X 24"	24	35	11	2751	70	1,926
RMCSW309024	00810138703397	3" X 90° X 24"	24	35	11	3594	48	1,725
RMCSW359024	00810138703878	3-1/2" X 90° X 24"	24	35	11	4374	40	1,749
RMCSW409024	00810138703458	4" X 90° X 24"	24	35	11	5119	40	2,048
RMCSW109036	00810138702963	1" X 90° X 36"	36	47	11	1096	-	-
RMCSW129036	00810138703076	1-1/4" X 90° X 36"	36	47	11	1484	-	-
RMCSW159036	00810138703182	1-1/2" X 90° X 36"	36	47	11	1790	-	-
RMCSW209036	00810138703274	2" X 90° X 36"	36	47	11	2290	108	2,473
RMCSW259036	00810138703342	2-1/2" X 90° X 36"	36	47	11	3619	70	2,533
RMCSW309036	00810138703403	3" X 90° X 36"	36	47	11	4727	48	2,269
RMCSW359036	00810138703885	3-1/2" X 90° X 36"	36	47	11	5752	40	2,301
RMCSW409036	00810138703465	4" X 90° X 36"	36	47	11	6733	40	2,693
RMCSW509036	00810138703519	5" X 90° X 36"	36	47	12	10033	25	2,508
RMCSW609036	00810138703564	6" X 90° X 36"	36	47	12	16867	15	2,530
RMCSW109048	00810138702970	1" X 90° X 48"	48	60	11	1353	-	-
RMCSW129048	00810138703083	1-1/4" X 90° X 48"	48	60	11	1832	-	-
RMCSW159048	00810138703199	1-1/2" X 90° X 48"	48	60	11	2210	-	-
RMCSW209048	00810138703281	2" X 90° X 48"	48	60	11	2882	108	3,113
RMCSW259048	00810138703359	2-1/2" X 90° X 48"	48	60	11	4581	70	3,207
RMCSW309048	00810138703410	3" X 90° X 48"	48	60	11	5983	48	2,872
RMCSW359048	00810138703892	3-1/2" X 90° X 48"	48	60	11	7282	30	2,185
RMCSW409048	00810138703472	4" X 90° X 48	48	60	11	8523	30	2,557
RMCSW509048	00810138703526	5" X 90° X 48"	48	60	12	12833	25	3,208
RMCSW609048	00810138703571	6" X 90° X 48"	60	60	12	15593	15	2,339
RMCSW109060	00810138702987	1" X 90° X 60"	60	72	11	1610	-	-
RMCSW129060	00810138703090	1-1/4" X 90° X 60"	60	72	11	2180	-	-
RMCSW159060	00810138703205	1-1/2" X 90° X 60"	60	72	11	2630	-	-
RMCSW209060	00810138703298	2" X 90° X 60"	60	72	11	3500	50	1,750
RMCSW259060	00810138703908	2-1/2" X 90° X 60"	60	72	11	5600	50	2,800
RMCSW309060	00810138703915	3" X 90° X 60"	60	72	11	7300	25	1,825
RMCSW359060	00810138703922	3-1/2" X 90° X 60"	60	72	11	8800	25	2,200
RMCSW409060	00810138703939	4" X 90° X 60"	60	72	11	10300	25	2,575
RMCSW509060	00810138703533	5" X 90° X 60"	60	72	12	14700	20	2,940
RMCSW609060	00810138703588	6" X 90° X 60"	60	72	12	18400	15	2,760

Sizes 2-1/2" and larger shipped in palletized cartons or bulk, with thread protectors on each end. Radius A is the minimum per UL797. Dimensions B and C are reference dimensions.
All dimensions are approximate. All special radius elbows are noncancelable and nonreturnable.

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

45° Rigid Conduit Special Radius Elbows

Dimension and Weight Chart and Packing Schedule (GRC)

45° RIGID CONDUIT (GRC) SPECIAL RADIUS ELBOWS								
ITEM #	UPC	SIZE	MIN. UL RADIUS "A"	OFFSET "B"	STRAIGHT LENGTH "C"	WEIGHT/ 100PCS	PCS/CARTON	WEIGHT/ CARTON
			in.	in.	in.	lbs.		lbs.
RMCSW104518	00810138702888	1" X 45° X 18"	18	12.5	11	514	-	-
RMCSW124518	00810138702994	1-1/4" X 45° X 18"	18	12.5	11	696	-	-
RMCSW154518	00810138703106	1-1/2" X 45° X 18"	18	12.5	11	840	-	-
RMCSW204518	00810138703212	2" X 45° X 18"	24	12.5	11	1118	108	1,207
RMCSW104524	00810138702895	1" X 45° X 24"	24	14.84	11	582	-	-
RMCSW124524	00810138703007	1-1/4" X 45° X 24"	24	14.84	11	788	-	-
RMCSW154524	00810138703113	1-1/2" X 45° X 24"	24	14.84	11	950	-	-
RMCSW204524	00810138703229	2" X 45° X 24"	24	14.84	11	1184	108	1,279
RMCSW254524	00810138703304	2-1/2" X 45° X 24"	24	14.84	11	1882	70	1,317
RMCSW304524	00810138703366	3" X 45° X 24"	24	14.84	11	2458	48	1,180
RMCSW354524	00810138703847	3-1/2" X 45° X 24"	24	14.84	11	2992	40	1,197
RMCSW404524	00810138703427	4" X 45° X 24"	24	14.84	11	3502	40	1,401
RMCSW104536	00810138702918	1" X 45° X 36"	36	18.35	11	704	-	-
RMCSW124536	00810138703021	1-1/4" X 45° X 36"	36	18.35	11	953	-	-
RMCSW154536	00810138703137	1-1/2" X 45° X 36"	36	18.35	11	1149	-	-
RMCSW204536	00810138703236	2" X 45° X 36"	36	18.35	11	1458	108	1,575
RMCSW254536	00810138703311	2-1/2" X 45° X 36"	36	18.35	11	2317	70	1,622
RMCSW304536	00810138703373	3" X 45° X 36"	36	18.35	11	3027	48	1,453
RMCSW354536	00810138703854	3-1/2" X 45° X 36"	36	18.35	11	3684	40	1,474
RMCSW404536	00810138703434	4" X 45° X 36"	36	18.35	11	4312	40	1,725
RMCSW504536	00810138703489	5" X 45° X 36"	36	18.35	12	10033	25	2,508
RMCSW604536	00810138703540	6" X 45° X 36"	36	18.35	12	16867	15	2,530
RMCSW104548	00810138702925	1" X 45° X 48"	48	22.55	11	839	-	-
RMCSW124548	00810138703038	1-1/4" X 45° X 48"	48	22.55	11	1136	-	-
RMCSW154548	00810138703144	1-1/2" X 45° X 48"	48	22.55	11	1370	-	-
RMCSW204548	00810138703243	2" X 45° X 48"	48	22.55	12	1789	108	1,932
RMCSW254548	00810138703328	2-1/2" X 45° X 48"	48	22.55	12	2844	70	1,991
RMCSW304548	00810138703380	3" X 45° X 48"	48	22.55	12	3714	48	1,783
RMCSW354548	00810138703861	3-1/2" X 45° X 48"	48	22.55	12	4520	40	1,808
RMCSW404548	00810138703441	4" X 45° X 48"	48	22.55	12	5291	40	2,116
RMCSW504548	00810138703496	5" X 45° X 48"	48	22.55	12	12833	25	3,208
RMCSW604548	00810138703557	6" X 45° X 48"	48	22.55	12	19320	15	2,898
RMCSW109060	00810138704004	1" X 45° X 60"	60	26	11	956	-	-
RMCSW124560	00810138704011	1-1/4" X 45° X 60"	60	26	11	1294	-	-
RMCSW154560	00810138704028	1-1/2" X 45° X 60"	60	26	11	1562	-	-
RMCSW204560	00810138704035	2" X 45° X 60"	60	26	11	2078	50	1,039
RMCSW254560	00810138704042	2-1/2" X 45° X 60"	60	26	11	3319	50	1,660
RMCSW304560	00810138704059	3" X 45° X 60"	60	26	11	4317	25	1,079
RMCSW354560	00810138704066	3-1/2" X 45° X 60"	60	26	11	5225	25	1,306
RMCSW404560	00810138704073	4" X 45° X 60"	60	26	12	6116	25	1,529
RMCSW504560	00810138704080	5" X 45° X 60"	60	26	12	8313	20	1,663
RMCSW604560	00810138704097	6" X 45° X 60"	60	26	11	10925	15	1,639

Sizes 2-1/2" and larger shipped in palletized cartons or bulk, with thread protectors on each end. Radius A is the minimum per UL797. Dimensions B and C are reference dimensions.
All dimensions are approximate. All special radius elbows are noncancelable and nonreturnable.

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

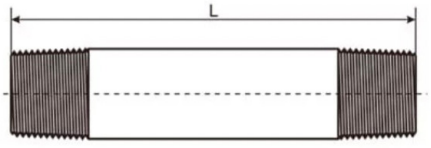
Rigid Steel Conduit Nipples

Galvanized Rigid Conduit (GRC) nipples are to be installed on conduit raceway systems for the interconnection of conduit runs and other fittings.

Our nipples are manufactured from prime conduit shell in accordance with the latest specifications and standards of ANSI C80.1(UL6).

Features

- Nipples are produced in standard trade sizes from 1/2” to 6”
- Hot-dipped galvanized coating provides enhanced corrosion protection
- Available in custom lengths



Listings

- Underwriters Laboratories Standard for rigid conduit (UL6) file # E531580
- American National Standards Institute (ANSI® C80.1)
- National Electric Code® Article 344

Representative Materials Company

Represenative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Rigid Steel Conduit Nipples

Dimension and Weight Chart and Packing Schedule (Rigid Steel Conduit Nipples)

NIPPLES FOR RIGID CONDUIT (GRC)																	
LENGTH	CLOSE				2"			2 ½"			3"			3 ½"			
SIZE	LENGTH (IN.)	STD. CARTON QTY.	MASTER CARTON QTY.	WEIGHT PER 100 (LBS)	STD. CARTON QTY.	MASTER CARTN QTY.	WEIGHT PER 100 (LBS)	STD. CARTON QTY.	MASTER CARTON QTY.	WEIGHT PER 100 (LBS)	STD. CARTON QTY.	MASTER CARTON QTY.	WEIGHT PER 100 (LBS)	STD. CARTON QTY.	MASTER CARTON QTY.	WEIGHT PER 100 (LBS)	
½	1 ⅛	25	600	6	25	600	12	25	400	15	25	400	19	25	300	22	
¾	1 ⅜	25	400	9	25	300	14	25	300	19	25	200	24	25	200	28	
1	1 ½	25	300	16	25	200	22	25	200	28	25	150	36	25	150	43	
1¼	1 ⅝	25	150	22	25	150	28	25	150	37	25	100	47	25	100	55	
1½	1 ¾	25	100	28	25	75	34	25	75	44	25	50	56	25	50	68	
2	2	25	75	44	-	-	-	25	50	59	25	50	72	-	40	88	
2½	2 ½	-	40	84	-	-	-	-	-	-	-	40	100	-	30	120	
3	2 ⅝	-	30	118	-	-	-	-	-	-	-	20	130	-	15	157	
3½	2 ¾	-	20	160	-	-	-	-	-	-	-	-	-	-	-	-	
4	2 ⅞	-	20	180	-	-	-	-	-	-	-	-	-	-	-	-	
5	3	-	5	240	-	-	-	-	-	-	-	-	-	-	-	-	
6	3 ⅛	-	5	350	-	-	-	-	-	-	-	-	-	-	-	-	

Lengths longer than 12" and Special threads are available upon request. Both ends NPT threads conform to ANSI B1.20.1. Weights are approximate.

Dimension and Weight Chart and Packing Schedule (Rigid Steel Conduit Nipples)

NIPPLES FOR RIGID CONDUIT (GRC)																	
LENGTH	4"			5"			6"			8"			10"			12"		
SIZE	STD. CARTON QTY.	MASTER CARTON QTY.	WEIGHT PER 100 (LBS)	STD. CARTON QTY.	MASTER CARTN QTY.	WEIGHT PER 100 (LBS)	STD. CARTON QTY.	MASTER CARTON QTY.	WEIGHT PER 100 (LBS)	STD. CARTON QTY.	MASTER CARTON QTY.	WEIGHT PER 100 (LBS)	STD. CARTON QTY.	MASTER CARTON QTY.	WEIGHT PER 100 (LBS)	STD. CARTON QTY.	MASTER CARTON QTY.	WEIGHT PER 100 (LBS)
½	25	300	26	25	200	33	25	200	40	25	100	54	25	75	68	25	75	82
¾	25	150	34	25	100	43	25	100	52	25	75	73	25	50	89	25	50	109
1	25	100	49	25	100	64	25	75	78	25	50	19	25	50	138	25	50	166
1¼	25	100	66	25	75	84	25	50	100	25	50	136	-	40	176	-	30	216
1½	25	50	80	25	50	130	-	50	122	-	40	170	-	30	216	-	20	260
2	-	40	130	-	40	132	-	30	160	-	20	220	-	20	285	-	15	335
2½	-	30	150	-	20	197	-	20	240	-	10	329	-	10	422	-	10	505
3	-	15	200	-	15	260	-	10	300	-	7	411	-	5	528	-	5	630
3½	-	10	240	-	8	320	-	8	373	-	4	510	-	4	655	-	4	785
4	-	10	285	-	8	380	-	8	440	-	4	600	-	4	775	-	4	925
5	-	-	-	-	5	480	-	5	600	-	4	825	-	3	1055	-	3	1260
6	-	-	-	-	5	660	-	5	820	-	4	1125	-	3	1440	-	3	1720

Lengths longer than 12" and Special threads are available upon request. Both ends NPT threads conform to ANSI B1.20.1. Weights are approximate.

Steel Couplings

Rigid conduit couplings are used to connect two lengths of rigid metal conduit in a straight run or at a junction box. They provide a secure and rigid connection between the conduit sections, ensuring proper alignment and continuity of the conduit system.

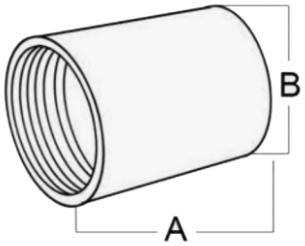
Couplings are designed for use with threaded Rigid Conduit (GRC) & threaded Intermediate Conduit (IMC) conduit. Our couplings meet the latest specifications and standard of ANSI C80.1(UL6).

Features

- Couplings are produced in standard trade sizes from 1/2" to 6"
- Galvanized Steel
- NPSM Thread

Listings

- Underwriters Laboratories Standard for rigid conduit (UL6) file # E531580
- American National Standards Institute (ANSI® C80.1)
- National Electric Code® Article 344



Dimension and Weight Chart and Packing Schedule (Steel Couplings)

COUPLINGS							
ITEM #	UPC	SIZE	OUTSIDE DIAMETER "B"	MINIMUM ACCEPTABLE LENGTH "A"	STD. CTN. QUANTITY	WEIGHT/100 PCS	WEIGHT/CARTON
			in.	in.	pcs.	lbs.	lbs.
RMCCP05	00810138702161	1/2"	1.012	1.626	150	14	21
RMCCP07	00810138702178	3/4"	1.252	1.642	50	20	10
RMCCP10	00810138702185	1"	1.524	1.969	30	31	9
RMCCP12	00810138702192	1-1/4"	1.870	2.031	25	39	10
RMCCP15	00810138702208	1-1/2"	2.154	2.063	25	56	14
RMCCP20	00810138702215	2"	2.650	2.126	20	73	15
RMCCP25	00810138702222	2-1/2"	3.252	3.189	12	185	22
RMCCP30	00810138702239	3"	3.870	3.311	8	226	18
RMCCP35	00810138702246	3-1/2"	4.500	3.406	4	358	14
RMCCP40	00810138702253	4"	4.874	3.516	4	400	16
RMCCP50	00810138702260	5"	6.000	3.953	2	497	10
RMCCP60	00810138702277	6"	7.201	4.252	3	816	24

Minimum dimension per UL-6. Weights are approximate.

Representative Materials Company

Representative Materials Company LLC
10061 Bubb Road - Suite 100
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Strut Channel with Elongated Holes (Deep Profile)

Submittal Sheet - Rep Materials Company

Rep Materials Company

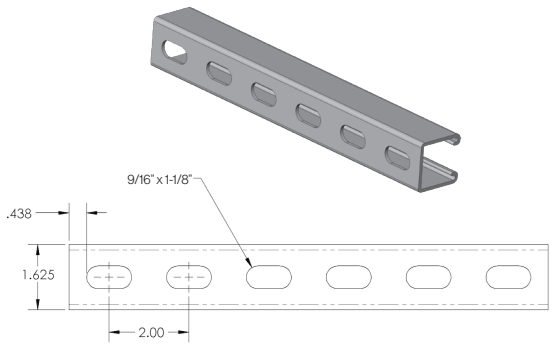
Overview

Rep Materials' Pre-Galvanized Deep Strut Channel metal framing is used to support conduit, panel boxes, raceway systems and other electrical components. Strut Channel raceways are exceptionally versatile in that the support systems can be attached to ceilings, wood or steel beams, inside columns or imbedded in concrete. Steel strut combines strength, durability, and corrosion resistance, making it a reliable choice for various construction and engineering projects where stability and longevity are essential.

Consistent Quality

Material (steel strip) is immersed in a galvanized bath prior to roll-forming or press operations that cold works the strip steel into the desired channel profile. This method produces a cross section of uniform dimensions within a tolerance of +/- .015".

Rep Material's Pre-Galvanized Strut coating conforms to ASTM A653, Grade 90 General Requirement for Steel Sheet, Zinc–Coated (Galvanized) by Hot Dip Process.



BEAM LOADING- 1-5/8" X 1-5/8" 12 GAUGE

SPAN (IN)	MAX. ALLOWABLE UNIFORM LOAD (LBS.)	DEFLECTION @ UNIFORM LOAD (IN.)	SPAN/180 (LBS.)	SPAN/240 (LBS)	SPAN/360 (LBS.)
24	1690	0.06	1690	1690	1690
36	1130	0.13	1130	1130	900
48	850	0.22	850	760	500
60	680	0.35	650	480	320
72	560	0.50	450	340	220
84	480	0.68	330	250	160
96	420	0.89	250	190	130
108	380	1.14	200	150	100
120	340	1.40	160	120	80
144	280	2.00	110	80	60
168	240	2.72	80	60	40
192	210	3.55	60	50	NR
216	190	4.58	50	40	NR
240	170	5.62	40	NR	NR

This load table is based on a solid cannel section STR-12G-158-158-SLD.
For elongated hole channels STR-12G-158-158-EHO reduce beam load values by 15%.
For concentrated load at center of span, divide uniform load by 2 and multiply corresponding deflection by .80.
Loads include weight of channel, which must be deducted.
Loads must be multiplied by the applicable unbraced factor from the "Lateral Bracing Load Reduction Chart".
NR- Not Recommended

COLOMN LOADING- 1-5/8" X 1-5/8" 12 GAUGE

UNBRACED HEIGHT (IN.)	MAX. ALLOWABLE LOAD @ SLOT FACE (LBS.)	K=0.65 (LBS.)	K=0.80 (LBS.)	K=1.0 (LBS.)	K=1.2
24	3550	10740	9890	8770	7740
36	3190	8910	7740	6390	5320
48	2770	7260	6010	4690	3800
60	2380	5910	4690	3630	2960
72	2080	4840	3800	2960	2400
84	1860	4040	3200	2480	1980
96	1670	3480	2750	2110	1660
108	1510	3050	2400	1810	***
120	1380	2700	2110	***	***
144	1150	2180	1660	***	***

***- Not Recommended KL/r exceeds 200
Column loads are for allowable axial loads and must be reduced for eccentric loading

LATERAL BRACING FACTORS - SINGLE CHANNEL

SPAN (FT.)	SPAN (IN.)	1-5/8" X 1-5/8" X 10' 12 GAUGE (DEEP PROFILE)
2	24	1.00
3	36	0.94
4	48	0.88
5	60	0.82
6	72	0.78
7	84	0.75
8	96	0.71
9	108	0.69
10	120	0.66
12	144	0.61

Submittal Information

Company Name	Phone	Date
Address	Project Name	Project Date
City	Project City	Comments
State & Zip	Project State	

Represenative Materials Company LLC
10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Rep Materials Company

Strut Channel, Solid (Deep Profile)

Submittal Sheet - Rep Materials Company

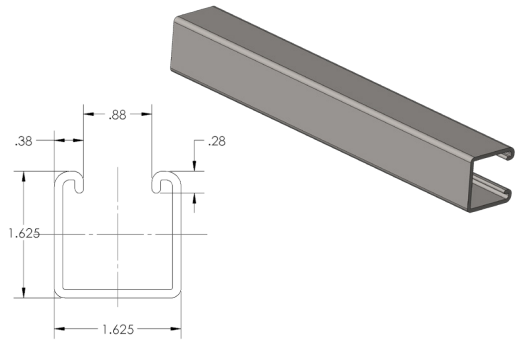
Overview

Rep Materials' Pre-Galvanized Deep Strut Channel metal framing is used to support conduit, panel boxes, raceway systems and other electrical components. Strut Channel raceways are exceptionally versatile in that the support systems can be attached to ceilings, wood or steel beams, inside columns or imbedded in concrete. Steel strut combines strength, durability, and corrosion resistance, making it a reliable choice for various construction and engineering projects where stability and longevity are essential.

Consistent Quality

Material (steel strip) is immersed in a galvanized bath prior to roll-forming or press operations that cold works the strip steel into the desired channel profile. This method produces a cross section of uniform dimensions within a tolerance of +/- .015".

Rep Material's Pre-Galvanized Strut coating conforms to ASTM A653, Grade 90 General Requirement for Steel Sheet, Zinc–Coated (Galvanized) by Hot Dip Process.



BEAM LOADING- 1-5/8" X 1-5/8" 12 GAUGE

SPAN (IN)	MAX. ALLOWABLE UNIFORM LOAD (LBS.)	DEFLECTION @ UNIFORM LOAD (IN.)	SPAN/180 (LBS.)	SPAN/240 (LBS)	SPAN/360 (LBS.)
24	1690	0.06	1690	1690	1690
36	1130	0.13	1130	1130	900
48	850	0.22	850	760	500
60	680	0.35	650	480	320
72	560	0.50	450	340	220
84	480	0.68	330	250	160
96	420	0.89	250	190	130
108	380	1.14	200	150	100
120	340	1.40	160	120	80
144	280	2.00	110	80	60
168	240	2.72	80	60	40
192	210	3.55	60	50	NR
216	190	4.58	50	40	NR
240	170	5.62	40	NR	NR

This load table is based on a solid cannel section STR-12G-158-158-SLD.
For elongated hole channels STR-12G-158-158-EHO reduce beam load values by 15%.
For concentrated load at center of span, divide uniform load by 2 and multiply corresponding deflection by .80.
Loads include weight of channel, which must be deducted.
Loads must be multiplied by the applicable unbraced factor from the "Lateral Bracing Load Reduction Chart".
NR- Not Recommended

COLOMN LOADING- 1-5/8" X 1-5/8" 12 GAUGE

UNBRACED HEIGHT (IN.)	MAX. ALLOWABLE LOAD @ SLOT FACE (LBS.)	K=0.65 (LBS.)	K=0.80 (LBS.)	K=1.0 (LBS.)	K=1.2
24	3550	10740	9890	8770	7740
36	3190	8910	7740	6390	5320
48	2770	7260	6010	4690	3800
60	2380	5910	4690	3630	2960
72	2080	4840	3800	2960	2400
84	1860	4040	3200	2480	1980
96	1670	3480	2750	2110	1660
108	1510	3050	2400	1810	***
120	1380	2700	2110	***	***
144	1150	2180	1660	***	***

***- Not Recommended KL/r exceeds 200
Column loads are for allowable axial loads and must be reduced for eccentric loading

LATERAL BRACING FACTORS - SINGLE CHANNEL

SPAN (FT.)	SPAN (IN.)	1-5/8" X 1-5/8" X 10' 12 GAUGE (DEEP PROFILE)
2	24	1.00
3	36	0.94
4	48	0.88
5	60	0.82
6	72	0.78
7	84	0.75
8	96	0.71
9	108	0.69
10	120	0.66
12	144	0.61

Submittal Information

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Represenative Materials Company LLC
10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Rep Materials Company

Strut Channel with Elongated Holes (Shallow Profile)

Submittal Sheet - Rep Materials Company

Rep Materials Company

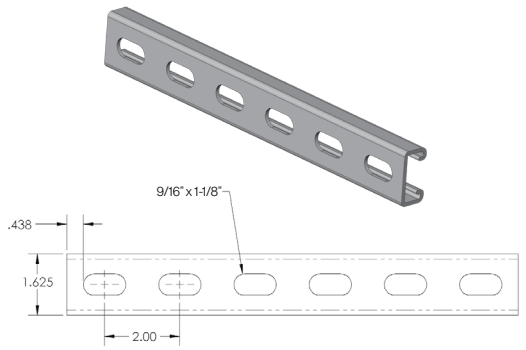
Overview

Rep Materials' Pre-Galvanized Shallow Strut Channel metal framing is used to support conduit, panel boxes, raceway systems and other electrical components. Strut Channel raceways are exceptionally versatile in that the support systems can be attached to ceilings, wood or steel beams, inside columns or imbedded in concrete. Steel strut combines strength, durability, and corrosion resistance, making it a reliable choice for various construction and engineering projects where stability and longevity are essential.

Consistent Quality

Material (steel strip) is immersed in a galvanized bath prior to roll-forming or press operations that cold works the strip steel into the desired channel profile. This method produces a cross section of uniform dimensions within a tolerance of +/- .015".

Rep Material's Pre-Galvanized Strut coating conforms to ASTM A653, Grade 90 General Requirement for Steel Sheet, Zinc–Coated (Galvanized) by Hot Dip Process.



BEAM LOADING- 1-5/8" X 13/16" 14 GAUGE

SPAN (IN)	MAX. ALLOWABLE UNIFORM LOAD (LBS.)	DEFLECTION @ UNIFORM LOAD (IN.)	SPAN/180 (LBS.)	SPAN/240 (LBS)	SPAN/360 (LBS.)
24	450	0.11	450	420	280
36	300	0.24	250	190	130
48	230	0.44	140	110	70
60	180	0.67	90	70	50
72	150	0.96	60	50	30
84	130	1.32	50	30	20
96	110	1.67	40	30	20
108	100	2.16	30	20	10
120	90	2.67	20	20	10

This load table is based on a solid cannel section STR-12G-158-158-SLD.
For elongated hole channels STR-12G-158-158-EHO reduce beam load values by 15%.
For concentrated load at center of span, divide uniform load by 2 and multiply corresponding deflection by .80.
Loads include weight of channel, which must be deducted.
Loads must be multiplied by the applicable unbraced factor from the "Lateral Bracing Load Reduction Chart".
NR- Not Recommended

COLUMN LOADING- 1-5/8" X 13/16" 14 GAUGE

UNBRACED HEIGHT (IN.)	MAX. ALLOWABLE LOAD @ SLOT FACE (LBS.)	K=0.65 (LBS.)	K=0.80 (LBS.)	K=1.0 (LBS.)	K=1.2
24	1840	5610	5210	4570	3850
36	1640	4660	3850	2800	1960
48	1310	3490	2480	1590	1100
60	1000	2400	1590	***	***
72	770	1670	1100	***	***

***- Not Recommended KL/r exceeds 200
Column loads are for allowable axial loads and must be reduced for eccentric loading

LATERAL BRACING FACTORS - SINGLE CHANNEL

SPAN (FT.)	SPAN (IN.)	1-5/8" X 1-13/16" X 10' 14 GAUGE (SHALLOW PROFILE)
2	24	1.00
3	36	0.98
4	48	0.94
5	60	0.91
6	72	0.89
7	84	0.86
8	96	0.84
9	108	0.82
10	120	0.8
12	144	0.76

Submittal Information

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Represenative Materials Company LLC
10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Rep Materials Company

Strut Channel, Solid (Shallow Profile)

Submittal Sheet - Rep Materials Company

Rep Materials Company

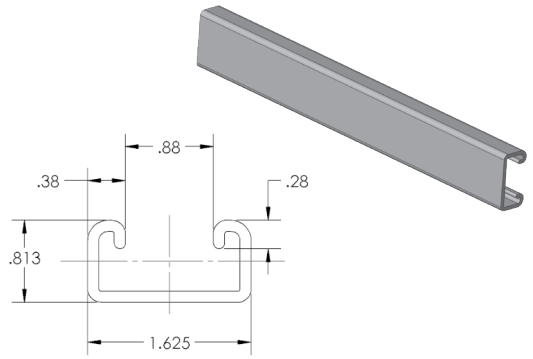
Overview

Rep Materials' Pre-Galvanized Shallow Strut Channel metal framing is used to support conduit, panel boxes, raceway systems and other electrical components. Strut Channel raceways are exceptionally versatile in that the support systems can be attached to ceilings, wood or steel beams, inside columns or imbedded in concrete. Steel strut combines strength, durability, and corrosion resistance, making it a reliable choice for various construction and engineering projects where stability and longevity are essential.

Consistent Quality

Material (steel strip) is immersed in a galvanized bath prior to roll-forming or press operations that cold works the strip steel into the desired channel profile. This method produces a cross section of uniform dimensions within a tolerance of +/- .015".

Rep Material's Pre-Galvanized Strut coating conforms to ASTM A653, Grade 90 General Requirement for Steel Sheet, Zinc–Coated (Galvanized) by Hot Dip Process.



BEAM LOADING- 1-5/8" X 13/16" 14 GAUGE

SPAN (IN)	MAX. ALLOWABLE UNIFORM LOAD (LBS.)	DEFLECTION @ UNIFORM LOAD (IN.)	SPAN/180 (LBS.)	SPAN/240 (LBS)	SPAN/360 (LBS.)
24	450	0.11	450	420	280
36	300	0.24	250	190	130
48	230	0.44	140	110	70
60	180	0.67	90	70	50
72	150	0.96	60	50	30
84	130	1.32	50	30	20
96	110	1.67	40	30	20
108	100	2.16	30	20	10
120	90	2.67	20	20	10

This load table is based on a solid cannel section STR-12G-158-158-SLD.
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NR- Not Recommended

COLUMN LOADING- 1-5/8" X 13/16" 14 GAUGE

UNBRACED HEIGHT (IN.)	MAX. ALLOWABLE LOAD @ SLOT FACE (LBS.)	K=0.65 (LBS.)	K=0.80 (LBS.)	K=1.0 (LBS.)	K=1.2
24	1840	5610	5210	4570	3850
36	1640	4660	3850	2800	1960
48	1310	3490	2480	1590	1100
60	1000	2400	1590	***	***
72	770	1670	1100	***	***

***- Not Recommended KL/r exceeds 200
Column loads are for allowable axial loads and must be reduced for eccentric loading

LATERAL BRACING FACTORS - SINGLE CHANNEL

SPAN (FT.)	SPAN (IN.)	1-5/8" X 1-13/16" X 10' 14 GAUGE (SHALLOW PROFILE)
2	24	1.00
3	36	0.98
4	48	0.94
5	60	0.91
6	72	0.89
7	84	0.86
8	96	0.84
9	108	0.82
10	120	0.8
12	144	0.76

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Represenative Materials Company LLC
10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Rep Materials Company

Strut Channel Back to Back, Elongated Holes (Deep Profile)

Submittal Sheet - Rep Materials Company

Rep Materials Company

Overview

Rep Materials' Pre-Galvanized Deep Strut Channel metal framing is used to support conduit, panel boxes, raceway systems and other electrical components. Strut Channel raceways are exceptionally versatile in that the support systems can be attached to ceilings, wood or steel beams, inside columns or imbedded in concrete. Steel strut combines strength, durability, and corrosion resistance, making it a reliable choice for various construction and engineering projects where stability and longevity are essential.

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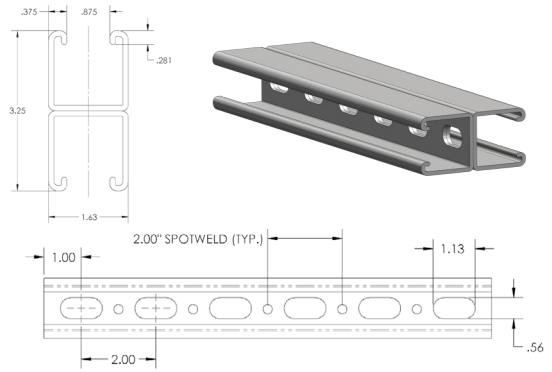

BEAM LOADING- 3-1/4" X 1-5/8" 12 GAUGE

SPAN (IN)	MAX. ALLOWABLE UNIFORM LOAD (LBS.)	DEFLECTION @ UNIFORM LOAD (IN.)	SPAN/180 (LBS.)	SPAN/240 (LBS)	SPAN/360 (LBS.)
24	3500*	0.02	3500*	3500*	3500*
36	3190	0.07	3190	3190	3190
48	2390	0.13	2390	2390	2390
60	1910	0.20	1910	1910	1620
72	1600	0.28	1600	1600	1130
84	1370	0.39	1370	1240	830
96	1200	0.51	1200	950	630
108	1060	0.64	1000	750	500
120	960	0.79	810	610	410
144	800	1.14	560	420	280
168	680	1.53	410	310	210
192	600	2.02	320	240	160
216	530	2.54	250	190	130

*Load limited by spot weld shear
This load table is based on a solid cannel section STR-12G-158-158-SLD.
For elongated hole channels STR-12G-158-158-EHO reduce beam load values by 15%.
For concentrated load at center of span, divide uniform load by 2 and multiply corresponding deflection by .80.
Loads include weight of channel, which must be deducted.
Loads must be multiplied by the applicable unbraced factor from the "Lateral Bracing Load Reduction Chart".

COLUMN LOADING- 3-1/4" X 1-5/8" 12 GAUGE

UNBRACED HEIGHT (IN.)	MAX. ALLOWABLE LOAD @ SLOT FACE (LBS.)	K=0.65 (LBS.)	K=0.80 (LBS.)	K=1.0 (LBS.)	K=1.2
24	6430	24280	23610	22700	21820
36	6290	22810	21820	20650	19670
48	6160	21410	20300	18670	16160
60	6000	20210	18670	15520	12390
72	5620	18970	16160	12390	8950
84	5170	16950	13630	9470	6580
96	4690	14890	11190	7250	5040
108	4170	12850	8950	5730	3980
120	3690	10900	7250	4640	***
144	2930	7630	5040	***	***

***- Not Recommended KL/r exceeds 200
Column loads are for allowable axial loads and must be reduced for eccentric loading

LATERAL BRACING FACTORS - BACK TO BACK CHANNEL

SPAN (FT.)	SPAN (IN.)	1-5/8" X 3-1/4" X 10' 12 GAUGE (BACK TO BACK PROFILE)
2	24	1.00
3	36	1.00
4	48	1.00
5	60	0.97
6	72	0.93
7	84	0.89
8	96	0.85
9	108	0.81
10	120	0.78
12	144	0.70
14	168	0.63
16	192	0.56
18	216	0.49
20	240	0.44

Submittal Information

Company Name	Phone	Date
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Represenative Materials Company LLC
10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Rep Materials Company

Strut Channel Back to Back, Solid (Deep Profile)

Submittal Sheet - Rep Materials Company

Rep Materials Company

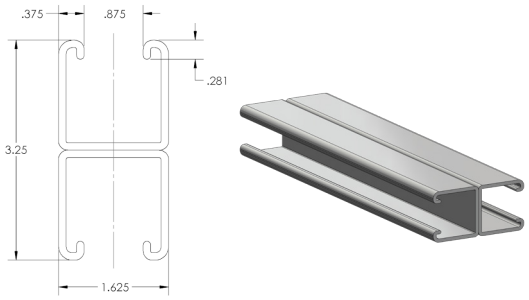
Overview

Rep Materials' Pre-Galvanized Deep Strut Channel metal framing is used to support conduit, panel boxes, raceway systems and other electrical components. Strut Channel raceways are exceptionally versatile in that the support systems can be attached to ceilings, wood or steel beams, inside columns or imbedded in concrete. Steel strut combines strength, durability, and corrosion resistance, making it a reliable choice for various construction and engineering projects where stability and longevity are essential.

Consistent Quality

Material (steel strip) is immersed in a galvanized bath prior to roll-forming or press operations that cold works the strip steel into the desired channel profile. This method produces a cross section of uniform dimensions within a tolerance of +/- .015".

Rep Material's Pre-Galvanized Strut coating conforms to ASTM A653, Grade 90 General Requirement for Steel Sheet, Zinc–Coated (Galvanized) by Hot Dip Process.



BEAM LOADING- 3-1/4" X 1-5/8" 12 GAUGE

SPAN (IN)	MAX. ALLOWABLE UNIFORM LOAD (LBS.)	DEFLECTION @ UNIFORM LOAD (IN.)	SPAN/180 (LBS.)	SPAN/240 (LBS)	SPAN/360 (LBS.)
24	3500*	0.02	3500*	3500*	3500*
36	3190	0.07	3190	3190	3190
48	2390	0.13	2390	2390	2390
60	1910	0.20	1910	1910	1620
72	1600	0.28	1600	1600	1130
84	1370	0.39	1370	1240	830
96	1200	0.51	1200	950	630
108	1060	0.64	1000	750	500
120	960	0.79	810	610	410
144	800	1.14	560	420	280
168	680	1.53	410	310	210
192	600	2.02	320	240	160
216	530	2.54	250	190	130

*Load limited by spot weld shear
This load table is based on a solid cannel section STR-12G-158-158-SLD.
For elongated hole channels STR-12G-158-158-EHO reduce beam load values by 15%.
For concentrated load at center of span, divide uniform load by 2 and multiply corresponding deflection by .80.
Loads include weight of channel, which must be deducted.
Loads must be multiplied by the applicable unbraced factor from the "Lateral Bracing Load Reduction Chart".

COLUMN LOADING- 3-1/4" X 1-5/8" 12 GAUGE

UNBRACED HEIGHT (IN.)	MAX. ALLOWABLE LOAD @ SLOT FACE (LBS.)	K=0.65 (LBS.)	K=0.80 (LBS.)	K=1.0 (LBS.)	K=1.2
24	6430	24280	23610	22700	21820
36	6290	22810	21820	20650	19670
48	6160	21410	20300	18670	16160
60	6000	20210	18670	15520	12390
72	5620	18970	16160	12390	8950
84	5170	16950	13630	9470	6580
96	4690	14890	11190	7250	5040
108	4170	12850	8950	5730	3980
120	3690	10900	7250	4640	***
144	2930	7630	5040	***	***

***- Not Recommended KL/r exceeds 200
Column loads are for allowable axial loads and must be reduced for eccentric loading

LATERAL BRACING FACTORS - BACK TO BACK CHANNEL

SPAN (FT.)	SPAN (IN.)	1-5/8" X 3-1/4" X 10' 12 GAUGE (BACK TO BACK PROFILE)
2	24	1.00
3	36	1.00
4	48	1.00
5	60	0.97
6	72	0.93
7	84	0.89
8	96	0.85
9	108	0.81
10	120	0.78
12	144	0.70
14	168	0.63
16	192	0.56
18	216	0.49
20	240	0.44

Submittal Information

Company Name	Phone	Date
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Represenative Materials Company LLC
10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Rep Materials Company

All Thread Rod

Submittal Sheet - Rep Materials Company

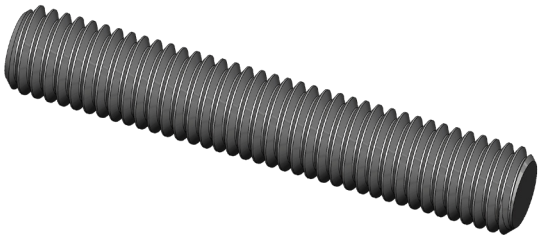
Overview

Rep Materials' all thread rod, also known simply as threaded rod or threaded bar, is a long, straight metal rod with threads along its entire length.

When used with steel strut, all thread rod serves as a versatile component for securing and supporting various fixtures, equipment, or structures.

Specs

- Manufactured from Electro Galvanized Steel Rod
- Sizes ¼", ⅜", ½"
- Length – 10 ft
- Made from Low Carbon steel - ASTM A307 - Grade A
- Zinc Threaded Rod plated according to ASTM B633



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
3/4"	0.922	16	12
1"	1.163	14	15
1-1/4"	1.51	14	18
1-1/2"	1.74	12	29
2"	2.197	12	33

Submittal Information

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Represenative Materials Company LLC
10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Beam Clamp

Submittal Sheet - Rep Materials Company

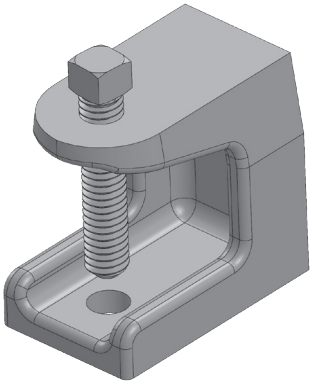
Overview

Rep Materials' beam clamp is a mechanical device used to attach or hang equipment, fixtures, or structural components from overhead beams, girders, or structural members.

Beam Clamps provide a secure and reliable means of attaching loads without the need for welding or drilling into the structural members, making them versatile and easy to install.

Specs

- Manufactured to secure 1-5/8" strut channels or all thread rod to beams or supports
- Beam Clamps are manufactured from Electro Galvanized cast iron
- Support for beams with a flange thickness not to exceed 5/8"



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
3/4"	0.922	16	12
1"	1.163	14	15
1-1/4"	1.51	14	18
1-1/2"	1.74	12	29
2"	2.197	12	33

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Represenative Materials Company LLC
10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Double Channel Post Base

Submittal Sheet - Rep Materials Company

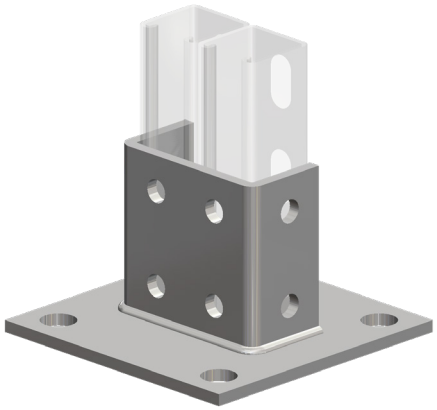
Overview

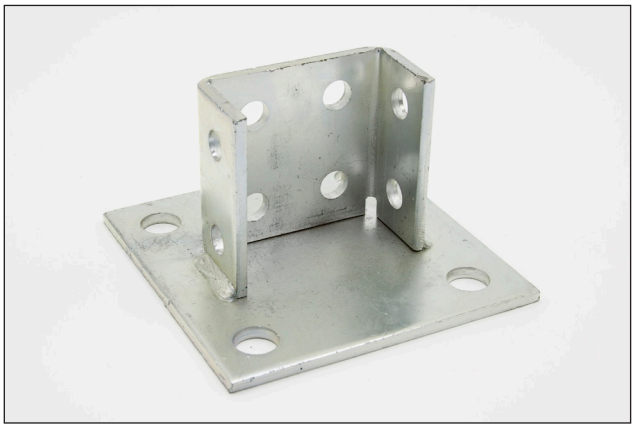
Rep Materials' double channel post base is a structural connector used in construction to secure and support vertical posts, similar to a single channel post base but with a key difference: it has two channels instead of one.

Double-channel post bases are commonly used in applications where increased strength and support are required.

Specs

- Designed to fit 1-5/8" Back to Back Strut Channel
- Manufactured from ¼" Electro Galvanized Steel





WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
3/4"	0.922	16	12
1"	1.163	14	15
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1-1/2"	1.74	12	29
2"	2.197	12	33

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1 (408) 883-3806
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Rep Materials Company

EMT Strut Strap

Submittal Sheet - Rep Materials Company

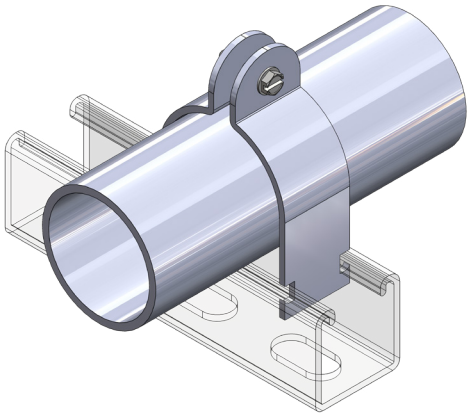
Overview

Rep Materials' strut straps are designed to fit around the EMT conduit and attach to a strut or other mounting surface. They come in various sizes to accommodate different diameters of conduit and are often secured with screws, bolts, or other fasteners.

These straps provide support and stability for the conduit, helping to prevent it from sagging or shifting, and ensuring that electrical wiring remains securely in place.

Specs

- Manufactured to fit standard openings of 1-5/8" strut channel
- Designed in sizes ½" thru 4" to support EMT conduit (please specify conduit size when ordering)
- EMT Strut Straps are Electro Galvanized



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
3/4"	0.922	16	12
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1-1/2"	1.74	12	29
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Five Hole Cross Plate

Submittal Sheet - Rep Materials Company

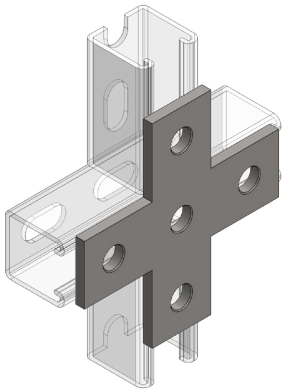
Overview

Rep Materials' five-hole cross plate is an essential hardware component designed for creating intersecting or cross-connections within strut channel assemblies. The design of the five-hole cross plate is optimized for distributing loads evenly, enhancing the structural integrity and stability of the assembled system.

This plate is instrumental in constructing complex support structures, providing a reliable means for intersecting or branching strut channels in a compact and efficient manner.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from Electro Galvanized ¼" Steel Plate
- Hole Spacing (On-Center): 17/8" (48mm)
- Conforms to ASTM B633, Type III SC1



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
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1-1/2"	1.74	12	29
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Cupertino, CA 95014

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Rep Materials Company

Four Hole Corner Joiner Plate

Submittal Sheet - Rep Materials Company

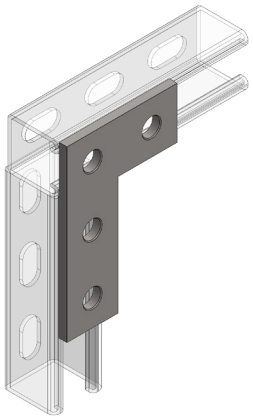
Overview

Rep Materials' four-hole corner joiner plate is a component designed for securing and stabilizing strut channel systems at their corners. The design of the corner joiner plate is tailored to reinforce the structural integrity of frameworks, making it an essential element in constructing sturdy, angular connections in various installations.

Its use facilitates the creation of square or rectangular structures, offering a reliable and straightforward solution for enhancing the support and alignment of strut channel assemblies.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from Electro Galvanized ¼" Steel Plate
- Hole Spacing (On-Center): 17/8" (48mm)
- Conforms to ASTM B633, Type III SC1



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
3/4"	0.922	16	12
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Four Hole Splice Plate

Submittal Sheet - Rep Materials Company

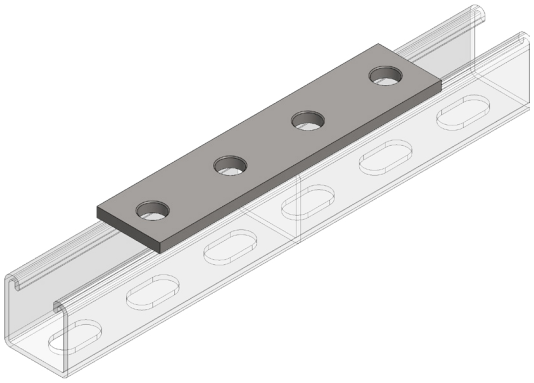
Overview

A four-hole splice plate for strut is a flat, rectangular metal piece designed for connecting two sections of strut channel in a secure and aligned manner.

The splice plate is engineered to maintain the structural integrity and alignment of the strut channels, facilitating the construction of versatile support frameworks used in electrical, mechanical, and industrial applications. Its design allows for easy installation, making it a fundamental component in the assembly of strut channel systems.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from Electro Galvanized ¼" Steel Plate
- Hole Spacing (On-Center): 17/8" (48mm)
- Conforms to ASTM B633, Type III SC1



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
3/4"	0.922	16	12
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Four Hole "T" Plate

Submittal Sheet - Rep Materials Company

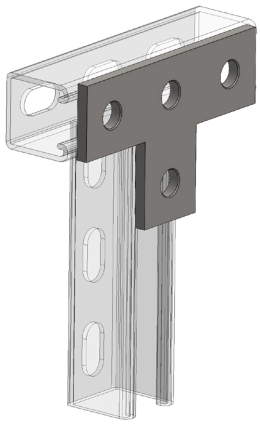
Overview

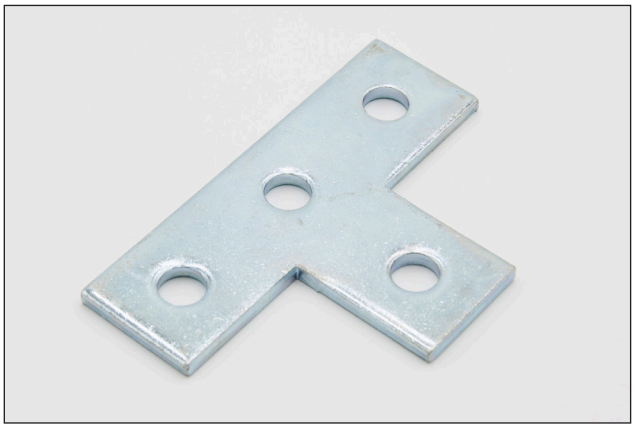
Rep Materials' four-hole T plate for strut is designed to join strut channels in a T-shaped configuration, utilized for constructing complex support structures in various applications.

Commonly utilized in electrical, mechanical, and construction projects, the four-hole T plate enables versatile and robust framework construction, providing a reliable solution for branching strut channels or forming rigid junctions in support systems.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from Electro Galvanized ¼" Steel Plate
- Hole Spacing (On-Center): 17/8" (48mm)
- Conforms to ASTM B633, Type III SC1





WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
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Rep Materials Company

Linear Two Hole 90° Corner Angle

Submittal Sheet - Rep Materials Company

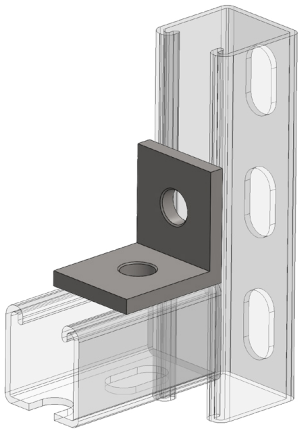
Overview

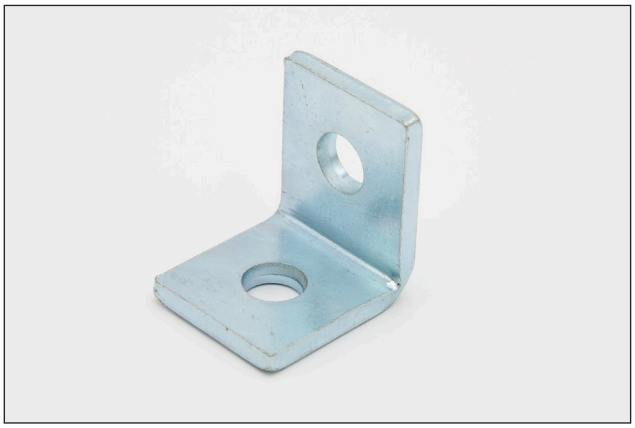
Rep Materials' Linear Two Hole 90° Corner Angle for strut is a fundamental connector designed to facilitate right-angle connections between strut channels, enhancing the versatility and structural integrity of support systems.

Featuring two precisely drilled holes, it allows for secure attachment to strut channels, ensuring a stable and reliable 90-degree junction.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from Electro Galvanized ¼" Steel Plate
- Hole Spacing (On-Center): 17/8" (48mm)
- Conforms to ASTM B633, Type III SC1





WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
3/4"	0.922	16	12
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Cupertino, CA 95014

1 (408) 883-3806
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Rep Materials Company

Perpendicular Two Hole 90° Connection Angle

Submittal Sheet - Rep Materials Company

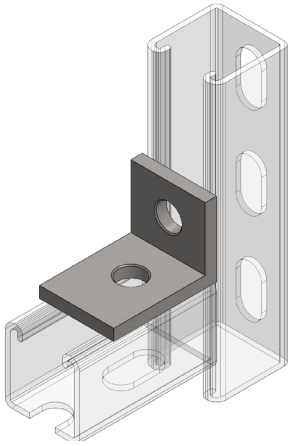
Overview

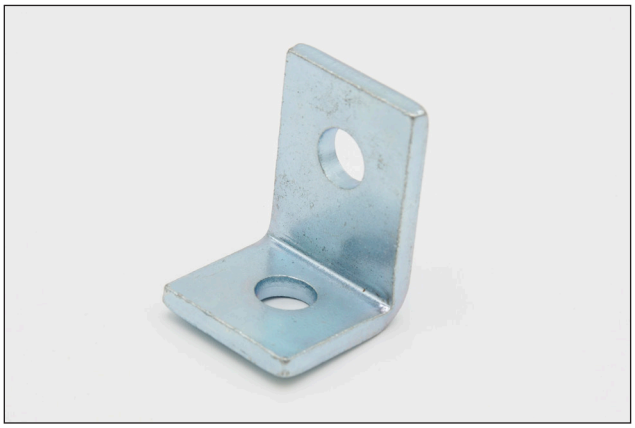
Rep Materials' Perpendicular Two Hole 90° Connection Angle for strut is designed to create a sturdy and precise perpendicular connection between strut channels, optimizing the construction of complex support structures.

The design features two strategically positioned holes that ensure a secure bolt or screw attachment, facilitating a rigid 90-degree angle between intersecting channels. of support frameworks.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from Electro Galvanized ¼" Steel Plate
- Hole Spacing (On-Center): 17/8" (48mm)
- Conforms to ASTM B633, Type III SC1





WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
3/4"	0.922	16	12
1"	1.163	14	15
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Represenative Materials Company LLC
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Cupertino, CA 95014

1 (408) 883-3806
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Plain Channel Nut

Submittal Sheet - Rep Materials Company

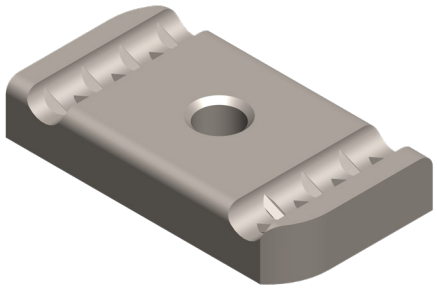
Overview

Rep Materials' Plain Channel Nuts are used with channel support systems.

The groves along the edges act as small teeth which lock onto the channel when tightened.

Specs

- Designed to grip the returned lip of the strut channel
- Sizes ¼", 3/8" and ½"
- Grip Nuts are Electro Galvanized



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
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Cupertino, CA 95014

1 (408) 883-3806
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Rigid Strut Strap

Submittal Sheet - Rep Materials Company

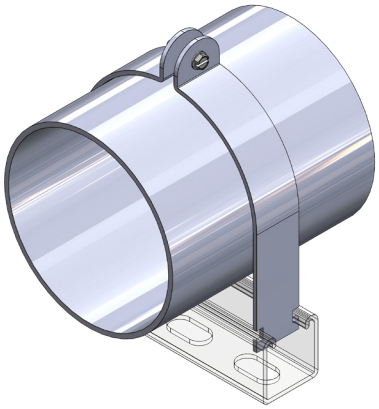
Overview

Rep Materials' Rigid conduit strut straps serve the same purpose as Rigid strut straps: they provide support and stability for the conduit, helping to prevent it from sagging or shifting.

However, due to the heavier weight and larger diameter of rigid conduit, rigid conduit strut straps are typically stronger and more robust than Rigid strut straps.

Specs

- Manufactured to fit standard openings of 1-5/8" strut channel
- Designed in sizes ½" thru 6" to support Rigid conduit (please specify conduit size when ordering)
- Rigid Strut Straps are Electro Galvanized



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
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Single Channel Post Base

Submittal Sheet - Rep Materials Company

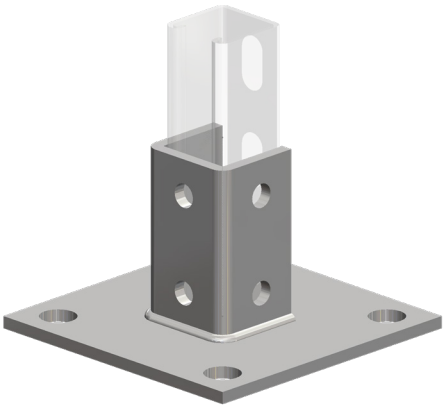
Overview

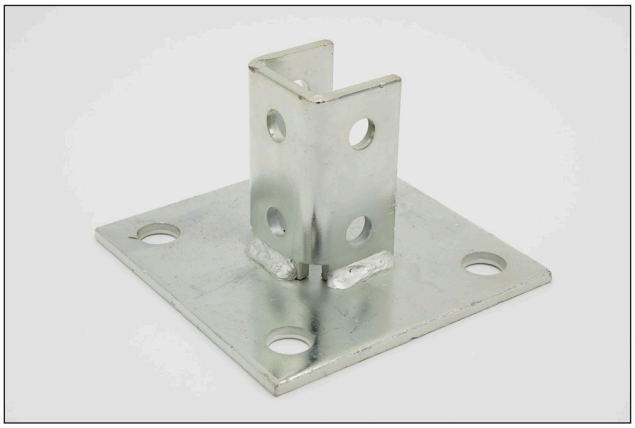
Rep Materials' single channel post base is a type of structural connector used in construction to secure and support steel strut. The base is usually attached to a concrete footing or other stable surface using anchors or bolts.

This type of post base provides stability and strength to the structure by anchoring the post firmly to the ground or supporting surface.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from ¼" Electro Galvanized Steel





WEIGHT CHART			
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1 (408) 883-3806
RepMaterials.com

Rep Materials Company

Spring Channel Nut

Submittal Sheet - Rep Materials Company

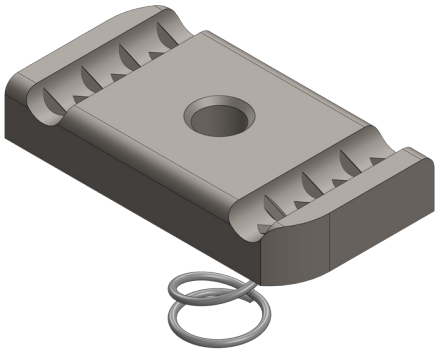
Overview

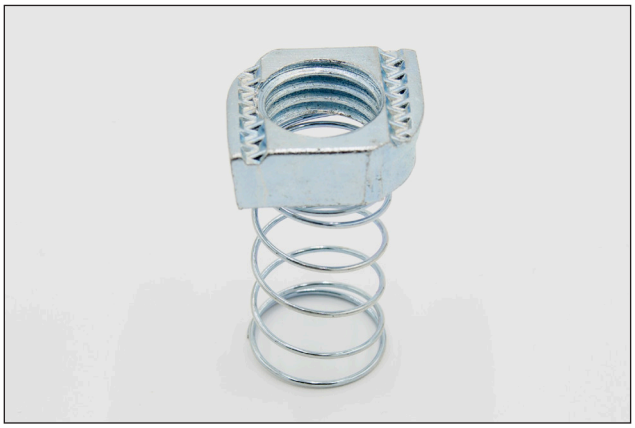
Rep Materials' spring channel nut is designed to be inserted into the strut channel, which typically has a series of regularly spaced holes or slots along its length.

The nut features spring-loaded tabs or clips that grip the channel's edges securely when inserted, preventing it from slipping or rotating once installed.

Specs

- Designed to grip the returned lip of deep profile strut channel
- Sizes ¼", 3/8" and ½"
- Grip Nuts are Electro Galvanized





WEIGHT CHART			
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Square Washer

Submittal Sheet - Rep Materials Company

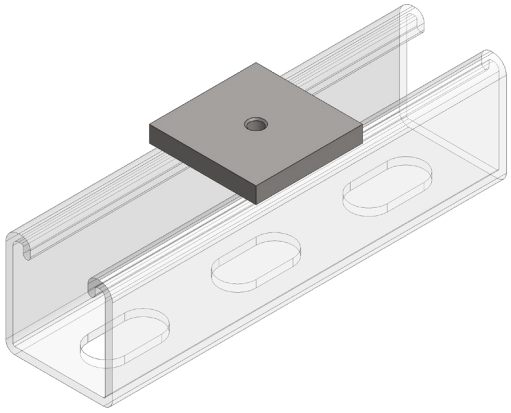
Overview

Rep Materials' washers are typically square or rectangular in shape, with a hole in the center that matches the diameter of the bolt or threaded rod being used.

Square washers can help align and stabilize the connection between the bolt or threaded rod and the strut channel, ensuring a secure and reliable installation.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from Electro Galvanized ¼" Steel Plate
- Sizes ¼", 3/8", ½"



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
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1 (408) 883-3806
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Rep Materials Company

Three Hole Angle Bracket

Submittal Sheet - Rep Materials Company

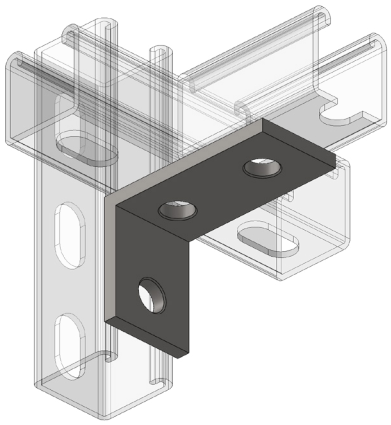
Overview

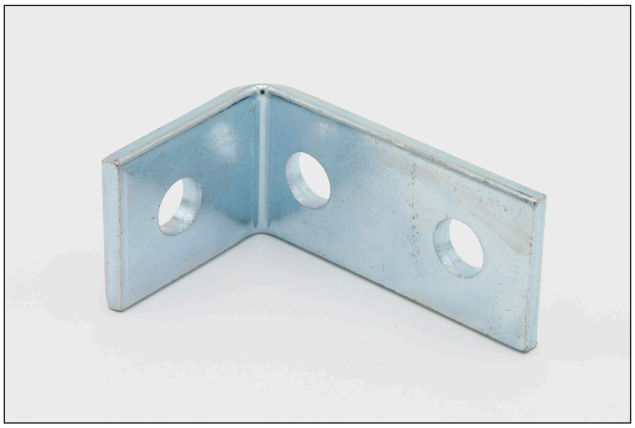
Rep Materials' Three Hole Angle Bracket for strut is a versatile and robust connector used to join strut channels at various angles, enhancing the flexibility and structural stability of support systems.

It features an L-shaped design with three pre-drilled holes, ensuring a secure and reliable attachment when fastening strut channels together. The arrangement of the holes allows for adjustable connections, catering to a wide range of construction and installation needs.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from Electro Galvanized ¼" Steel Plate
- Hole Spacing (On-Center): 17/8" (48mm)
- Conforms to ASTM B633, Type III SC1





WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
3/4"	0.922	16	12
1"	1.163	14	15
1-1/4"	1.51	14	18
1-1/2"	1.74	12	29
2"	2.197	12	33

Submittal Information

Company Name	Phone	Date
Address	Project Name	Project Date
City	Project City	Comments
State & Zip	Project State	

Represenative Materials Company LLC
10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Three Hole Flat Angle Plate

Submittal Sheet - Rep Materials Company

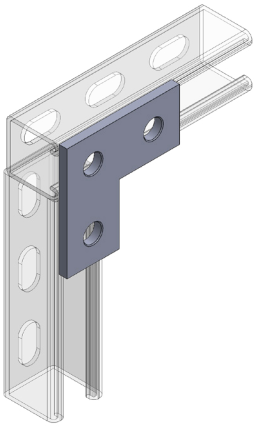
Overview

Rep Materials' three-hole flat angle plate for strut is an engineered connecting piece designed to join strut channels at a right angle, enhancing the structural framework's versatility in various installations.

The design of the angle plate not only facilitates easy and robust assembly but also contributes to the overall stability and strength of the support system. Ideal for electrical, mechanical, and plumbing applications, the three-hole flat angle plate is crucial for creating angular or corner connections within strut channel assemblies.

Specs

- Designed to fit 1-5/8" Strut Channel
- Manufactured from Electro Galvanized ¼" Steel Plate
- Hole Spacing (On-Center): 17/8" (48mm)
- Conforms to ASTM B633, Type III SC1



WEIGHT CHART			
NOM. COMB. SIZE	O.D. SIZE	STEEL GA.	WT./100 PCS.
3/8"	0.577	16	9
1/2"	0.706	16	11
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Rep Materials Company

U-Bolt Beam Clamp

Submittal Sheet - Rep Materials Company

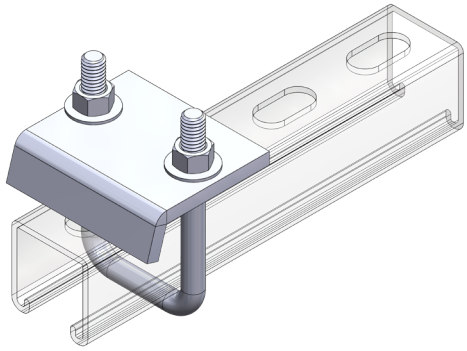
Overview

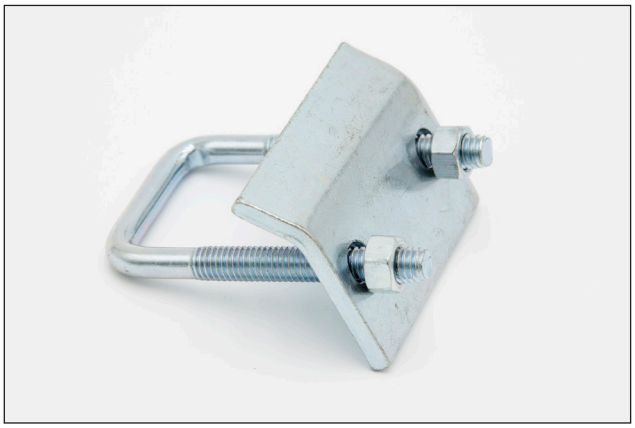
Rep Materials' U-bolt beam clamp is a type of fastening device used to secure conduit to structural beams or supports. It consists of a U-shaped bolt with threaded ends and a flat plate or saddle that attaches to the bottom of the bolt.

The U-bolt is designed to wrap around a structural beam, while the plate or saddle provides a surface for attaching the object being secured.

Specs

- Manufactured to secure 1-5/8" strut channels or all thread rod to beams or supports
- U-Bolt Beam Clamps are Electro Galvanized ¼" thick steel





WEIGHT CHART			
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10061 Bubb Road - Suite A
Cupertino, CA 95014

1 (408) 883-3806
RepMaterials.com

Rep Materials Company

Contact Us Today

Phone

1 (408) 883-3806

Email

Sales@RepMaterials.com

CustomFab@Repmaterials.com

HQ

Representative Materials Company LLC

10061 Bubb Road - Suite 100

Cupertino, CA

95014