

# LINEAR SOLUTIONS

YOUR ONE STOP FOR  
ELECTRICAL PRODUCTS



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# MESSAGE FROM THE CEO

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**Patrick Fay**  
CEO, Linear Solutions

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Griffith, Indiana Manufacturing Facility  
and Corporate Headquarters

Dear Valued Partners,

As we embark on this journey together, I am filled with pride and excitement to introduce you to our latest product catalog, a testament to our unwavering commitment to innovation, quality, and service excellence.

At Linear Solutions Inc, we stand at the forefront of change in the electrical industry, challenging conventions and redefining the standards of partnership. With a relentless focus on your needs, our esteemed electrical distributors, we have revolutionized the landscape by placing your success at the heart of everything we do.

From our humble beginnings to our current trajectory of growth, with the support of our manufacturer's representatives nationwide, our vision remains steadfast: to empower you, our valued partners, with unrivaled products, value, and unparalleled support. Together, we are not merely navigating change; we are driving it, shaping a future where collaboration and innovation thrive.

As we look ahead to the next chapter of our journey, with increased offerings always in the pipeline, I am inspired by the transformative impact we will continue to make, together. With each milestone, we reaffirm our commitment to your success, pioneering solutions that propel our industry forward.

Within the halls of Linear Solutions Inc, we have forged a legacy of unwavering dedication to excellence, underpinned by a steadfast commitment to nurturing enduring partnerships.

Together, let us embrace the challenges ahead and seize the boundless opportunities that await us.

With gratitude and anticipation,

**Patrick Fay**  
CEO, Linear Solutions Inc

# ABOUT US

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Welcome to Linear Solutions Inc., where we are committed to providing exceptional products and services to the electrical distribution industry across the United States. Founded in the heart of the Chicago suburbs of Northwest Indiana, our journey is a testament to hard work, dedication, and a relentless pursuit of excellence.

## Our Story

Linear Solutions Inc. began as a small, family-owned business with a vision to revolutionize the electrical supply industry. From our humble beginnings, we have grown exponentially, expanding our product lines and reach to become a trusted national supplier. Our journey has been driven by a passion for quality and an unwavering commitment to meeting the evolving needs of our customers.

## Our Mission

At the core of Linear Solutions Inc. is our mission to add value to electrical distributors through supply chain excellence. We are a channel-driven company focused on serving electrical distributors, not just as a distribution channel, but as our valued customers.

## OUR PROUD PARTNERS

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## What We Do

We specialize in offering a comprehensive range of electrical products, catering to various sectors and requirements. Our extensive product lines currently include:

**Electrical Conduit:** We offer all of the core electrical conduits needed for various electrical construction projects including steel, aluminum, galvanized, and PVC conduits in 10 ft and 20 ft lengths.

**THHN Copper Wire:** High-quality building wire used for electrical installations, known for its durability and efficiency.

**Conduit Fittings:** Including elbows, couplings, nipples for all types of conduit in various bends

**Strut and Threaded Rod:** High-quality strut products to support a wide range of electrical and mechanical applications.

**Ground Rods:** Various lengths of copper and galvanized grounding rods.

## Service and Flexibility

Our service is our strength. Unlike other manufacturers, we are able to service electrical distributors with no minimum order quantities, quick turnarounds, and flexible deliveries to both electrical distributors stock as well as directly to job sites with white glove service from our fleet of trucks. We understand the needs of modern electrical distributors and adapt to meet those needs by offering personalized service and unmatched flexibility.

**Linear Solutions - Home of the 5 minute will call.**

## Looking Ahead

As we continue to grow and evolve, our focus remains on expanding our product offerings and enhancing our service capabilities. We are excited about the future and look forward to continuing our journey as a leading supplier in the electrical distribution industry.

**Thank you for choosing Linear Solutions Inc. We are honored to be your trusted partner in providing superior electrical solutions.**

## Our Commitment

At Linear Solutions Inc., we pride ourselves on our customer-centric approach. We understand that each client has unique needs, and we strive to provide tailored solutions that exceed expectations. Our dedicated team of experts is always ready to offer technical support and guidance, ensuring you receive the best products and services in the industry.

Thank you for choosing Linear Solutions Inc. We are honored to be your trusted partner in providing superior electrical solutions.

## Our Values

Our values are encapsulated in the word "Action," which stands for:

**Accountability:** We take responsibility for our actions and outcomes.

**Customer Centric:** We stay focused on our goals and the needs of our customers.

**Transparency and Honesty:** We conduct our business with openness and integrity.

**Inspect What We Expect:** We maintain rigorous standards and quality checks.

**Own Decisions:** We stand by our decisions and learn from them.

**No Blame Fixing:** We foster a culture of problem-solving rather than pointing fingers. Every single product we sell is UL listed, ensuring the highest standards of safety and quality.

# ELECTRICAL CONDUIT

Electrical conduit is a durable tubing system designed to protect and route electrical wiring in a variety of settings, including commercial, industrial, and residential environments. It safeguards wires against mechanical damage, moisture, and other environmental factors, ensuring the integrity and safety of electrical installations. Linear Solutions offers many types of electrical conduit including Aluminum, Steel, Galvanized, PVC, and we are continually expanding our line to meet the demands of our customers and our dynamic industry.



# 01 ELECTRICAL METALLIC TUBING (EMT)



- BEST IN CLASS:** Unmatched Slickness of Inside Diameter: Experience the revolution in electrical conduit ease of wire pulling with Linear Solutions EMT. Our upgraded inside diameter paint (since February 2024) creates the slipperiest conduit on the market, ensuring wires glide through effortlessly like never before. Say goodbye to snagging and friction – our EMT conduit makes wire pulling easy.
- Hot dip galvanized for corrosion resistance.
- Made from low carbon steel per SAE J403.
- Complies with ASME B18.31.3 material and mechanical properties.
- Powder coating service for EMT and EMT elbows, including custom matches for precise project requirements.
- Stocked colors for immediate shipment on select EMT sizes, with custom orders fulfilled in approximately three weeks

## ELECTRICAL METALLIC TUBING (EMT) SPECIFICATIONS

TRADE SIZE	DESCRIPTION	DIMENSIONS				WALL THICKNESS		WEIGHT (min.)	
		O.D. in.	O.D. mm.	LENGHFT ft.	LENGHMT m.	in.	mm.	lbs/ft. kg/m.	
½"	EMT TUBING ½"	0.706	17.93	10	3.05	0.042	1.07	0.285	0.424
¾"	EMT TUBING ¾"	0.922	23.42	10	3.05	0.049	1.24	0.435	0.647
1"	EMT TUBING 1"	1.163	29.54	10	3.05	0.057	1.45	0.640	0.952
1¼"	EMT TUBING 1¼"	1.510	38.35	10	3.05	0.065	1.65	0.950	1.414
1½"	EMT TUBING 1½"	1.740	44.20	10	3.05	0.065	1.65	1.10	1.637
2"	EMT TUBING 2"	2.197	55.80	10	3.05	0.065	1.65	1.40	2.083
2½"	EMT TUBING 2½"	2.875	73.03	10	3.05	0.072	1.83	2.05	3.051
3"	EMT TUBING 3"	3.500	88.90	10	3.05	0.072	1.83	2.50	3.720
3½"	EMT TUBING 3½"	4.000	101.60	10	3.05	0.083	2.11	3.25	4.837
4"	EMT TUBING 4"	4.500	114.30	10	3.05	0.083	2.11	3.70	5.506

## ELECTRICAL METALLIC TUBING (EMT) PACKAGING

TRADE SIZE	METRIC DESIGNATOR	BUNDLE						MASTER BUNDLE			
		PIECES	FEET	METERS	NOMINAL Wt/Lbs	NOMINAL Wt/Kg	PIECES	FEET	METERS	NOMINAL Wt/Lbs	NOMIN Wt/Kg
½"	16	10	100	30.48	30.0	13.5	700	7,000	2,133.6	2,100	948.0
¾"	21	10	100	30.48	46.0	20.7	500	5,000	1,524	2,300	1,037.8
1"	27	10	100	30.48	67.0	30.5	300	3,000	914.4	2,010	916.3
1¼"	35	5	50	15.24	50.5	22.8	200	2,000	609.6	2,020	911.7
1½"	41	5	50	15.24	58.0	26.3	150	1,500	457.2	1,740	789.2
2"	53	3	30	9.14	44.4	20.2	120	1,200	365.8	1,776	807.4
2½"	63	1	10	3.05	21.6	9.8	61	610	185.9	1,318	598.7
3"	78	1	10	3.05	26.3	11.9	51	510	155.4	1,341	607.8
3½"	91	1	10	3.05	34.9	15.8	37	370	112.8	1,291	585.1
4"	103	1	10	3.05	39.3	17.8	30	300	91.4	1,179	535.2

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# 02 INTERMEDIATE METAL CONDUIT (IMC)



- Designed for outdoor exposure and strong connections.
- Specifically protects insulated electrical conductors and cables.
- Weighs about 1/3 less than rigid metal conduit (RMC).
- Made of lightweight steel.
- Smooth, defect-free interior and exterior.
- Hot-dipped galvanized.
- Standard length: 10 feet.
- Custom lengths available upon request.

## INTERMEDIATE METAL CONDUIT (IMC) SPECIFICATIONS

TRADE SIZE DESIGNATOR		AVERAGE OUTSIDE DIAMETER <sup>*</sup>		AVERAGE WALL THICKNESS <sup>**</sup>		APPROX. WT. PER 100 FT. (30.5M)		QTY. IN MASTER BUNDLE		END CAP COLOR
in.	mm.	in.	mm.	in.	mm.	lbs.	kg.	ft.	pcs.	
1/2"	16	0.815	20.70	0.078	1.98	61.46	27.88	3,500	350	Yellow
3/4"	21	1.029	26.13	0.083	2.10	83.58	37.91	2,500	250	Green
1"	27	1.290	32.76	0.093	2.35	118.66	53.82	1,700	170	Orange
1 1/4"	35	1.638	41.60	0.095	2.42	157.23	71.32	1,350	135	Green
1 1/2"	41	1.883	47.82	0.100	2.54	190.64	86.47	1,100	110	Yellow
2"	53	2.360	59.94	0.105	2.67	253.39	114.94	800	80	Orange
2 1/2"	63	2.857	72.56	0.150	3.81	434.62	197.14	370	37	Yellow
3"	78	3.476	88.29	0.150	3.81	533.81	242.13	300	30	Orange
3 1/2"	91	3.971	100.86	0.150	3.81	613.42	278.24	240	24	Yellow
4"	103	4.466	113.43	0.150	3.81	692.39	314.06	240	24	Orange

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# 03 GALVANIZED RIGID CONDUIT (GRC)

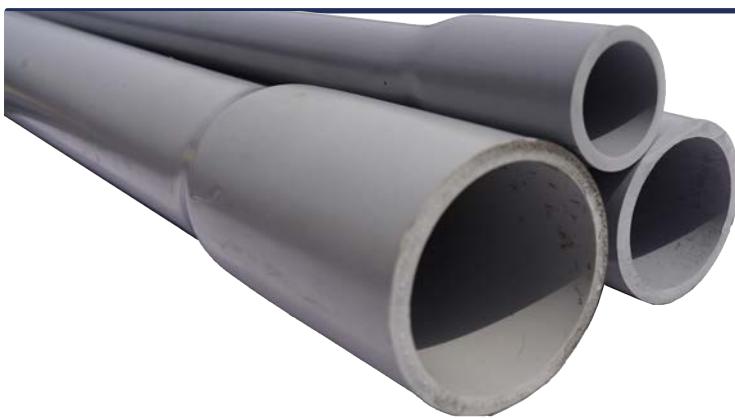


- Superior Full-Body Annealing: Our galvanized rigid conduit is engineered with a full-body annealing process, ensuring consistent flexibility and ease of bending. Unlike competitors using electronic resistance welding (ERW), which can lead to hard spots, snapping, and cracking, our manufacturing process guarantees reliable performance and durability every time.
- Tubing wall is thick enough to allow threading.
- Commonly used in commercial and industrial construction.
- Hot-dipped galvanized inside and out.
- Top-coated with a compatible organic layer to inhibit white rust and increase corrosion resistance.
- Smooth, defect-free interior and exterior.
- Standard length: 10 feet.

## GALVANIZED RIGID CONDUIT (GRC) SPECIFICATIONS

TRADE SIZE DESIGNATOR	APPROX. WT. PER 100 FT. (30.5M)	AVERAGE OUTSIDE DIAMETER*	AVERAGE WALL THICKNESS**	QTY. IN MASTER BUNDLE	APPROX. WEIGHT	VOLUME	END CAP COLOR						
mm.	in.	lbs.	kg.	mm.	in.	mm.	in.	ft.	m.	lbs.	kg.	cu. ft.	cu. m.
16	½"	82	37.2	21.30	0.840	2.60	0.104	2,500	762.5	2,050	929.7	20.8	0.59
21	¾"	109	49.4	26.70	1.050	2.70	0.107	2,000	610.0	2,180	988.7	24.3	0.69
27	1"	161	73.0	33.40	1.315	3.20	0.126	1,250	381.3	2,013	912.9	21.7	0.61
35	1¼"	218	98.9	42.20	1.660	3.40	0.133	900	274.5	1,962	889.8	23.3	0.66
41	1½"	263	119.3	48.30	1.900	3.50	0.138	800	244.0	2,104	954.2	27.8	0.79
53	2"	350	158.7	60.30	2.375	3.70	0.146	600	183.0	2,100	952.4	33.8	0.96
63	2½"	559	253.5	73.00	2.875	4.90	0.193	370	112.9	2,068	937.9	29.2	0.83
78	3"	727	329.7	88.90	3.500	5.20	0.205	300	91.5	2,181	989.1	31.3	0.89
91	3½"	880	399.1	101.60	4.000	5.50	0.215	250	76.3	2,200	997.7	34.7	0.98
103	4"	1,030	467.1	114.30	4.500	5.70	0.225	200	61	2,060	934.2	33.7	0.95
129	5"	1,400	634.9	141.30	5.563	6.20	0.245	150	45.8	2,010	952.4	41.3	1.17
155	6"	1,840	834.5	168.30	6.625	6.80	0.266	100	30.5	1,840	834.5	38.9	1.10

# 04 POLYVINYL CHLORIDE CONDUIT (PVC)



- 90° C rated: Our PVC conduit is rated for 90° C systems and has the 90°C stating “90° C wire” or max “90° C wire” printed on every pipe
- Used for over five decades to safely contain and protect power, telecommunications, utility, and signaling conductors and cabling.

- Corrosion resistant to most chemicals.
- Made from a combination of plastic and vinyl.
- Typically not affected by corrosive soils or salts.
- Non-metallic PVC material is resistant to corrosion, rust, and sunlight.
- Impact resistant.
- Standard length: 10 feet.
- Custom lengths available upon request.

## POLYVINYL CHLORIDE CONDUIT (PVC) SPECIFICATIONS

### SCHEDULE 40

TRADE SIZE DESIGNATOR	AVERAGE OUTSIDE DIAMETER <sup>*</sup>	MINIMUM AVG INSIDE DIAMETER	MINIMUM WALL	WEIGHT PER 100 FT.	10 FT QTY
in.	in.	in.	in.	lbs.	Pack
1/2	0.840	0.578	0.109	17	6,000
3/4	1.050	0.780	0.113	23	4,400
1	1.315	1.004	0.133	34	3,600
1 1/4	1.660	1.335	0.140	46	3,300
1 1/2	1.900	1.564	0.145	55	2,250
2	2.375	2.021	0.154	73	1,400
2 1/2	2.875	2.414	0.203	124	930
3	3.500	3.008	0.216	163	880
3 1/2	4.000	3.486	0.226	196	630
4	4.500	3.961	0.237	232	570
5	5.563	4.975	0.258	315	380
6	6.625	5.986	0.280	409	260
8	8.625	7.853	0.322	607	180

### SCHEDULE 80

TRADE SIZE DESIGNATOR	AVERAGE OUTSIDE DIAMETER <sup>*</sup>	MINIMUM AVG INSIDE DIAMETER	MINIMUM WALL	WEIGHT PER 100 FT.	10 FT QTY
in.	in.	in.	in.	lbs.	Pack
1/2	0.840	0.502	0.147	21	6,000
3/4	1.050	0.698	0.154	30	4,400
1	1.315	0.910	0.179	44	3,600
1 1/4	1.660	1.227	0.191	60	3,300
1 1/2	1.900	1.446	0.200	72	2,250
2	2.375	1.881	0.218	101	1,400
2 1/2	2.875	2.250	0.276	154	930
3	3.500	2.820	0.300	210	880
3 1/2	4.000	3.280	0.318	250	630
4	4.500	3.737	0.377	308	570
5	5.563	4.713	0.375	428	380
6	6.625	5.646	0.432	588	260

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# 05 ALUMINUM RIGID CONDUIT (ARC)



- Made from high-quality 6063 aluminum alloy.
- Available in different tempers: T1, T5, or T6.
- Complies with AA standard requirements.
- Designed for electrical wiring and other applications.
- Meets Schedule 40 specifications.
- 15 ft lengths available upon request/special order



## ALUMINUM RIGID CONDUIT SPECIFICATIONS

TRADE SIZE DESIGNATOR		APPROX. WT. PER 100 FT. (30.5M)		AVERAGE OUTSIDE DIAMETER*		AVERAGE WALL THICKNESS		QTY. IN MASTER BUNDLE		CAP COLOR
in.	mm.	Lbs.	kg.	in.	mm.	in.	mm.	ft.	m.	
1/2	16	28.1	12.7	0.840	21.30	0.104	2.64	2,500	762.5	Black
3/4	21	37.4	17.0	1.050	26.7	0.107	2.72	2,500	762.5	Red
1	27	54.5	24.7	1.315	33.40	0.126	3.20	2,000	610.0	Blue
1 1/4	35	71.6	32.5	1.660	42.20	0.133	3.38	1,000	304.8	Red
1 1/2	41	88.7	40.2	1.900	48.30	0.138	3.51	1,000	304.8	Black
2	53	118.5	53.8	2.375	60.30	0.146	3.71	450	137.2	Blue
2 1/2	63	187.5	85.0	2.875	73.0	0.193	4.90	300	91.5	Black
3	78	246.3	111.7	3.500	88.90	0.205	5.21	200	61.0	Blue
3 1/2	91	295.6	134.1	4.000	101.60	0.215	5.46	200	61.0	Black
4	103	350.2	155.8	4.500	114.30	0.225	5.72	200	61.0	Blue
5	129	478.9	217.2	5.563	141.30	0.245	6.22	80	23.4	Blue
6	155	630.4	285.9	6.625	168.30	0.266	6.76	60	18.3	Blue

# FITTINGS

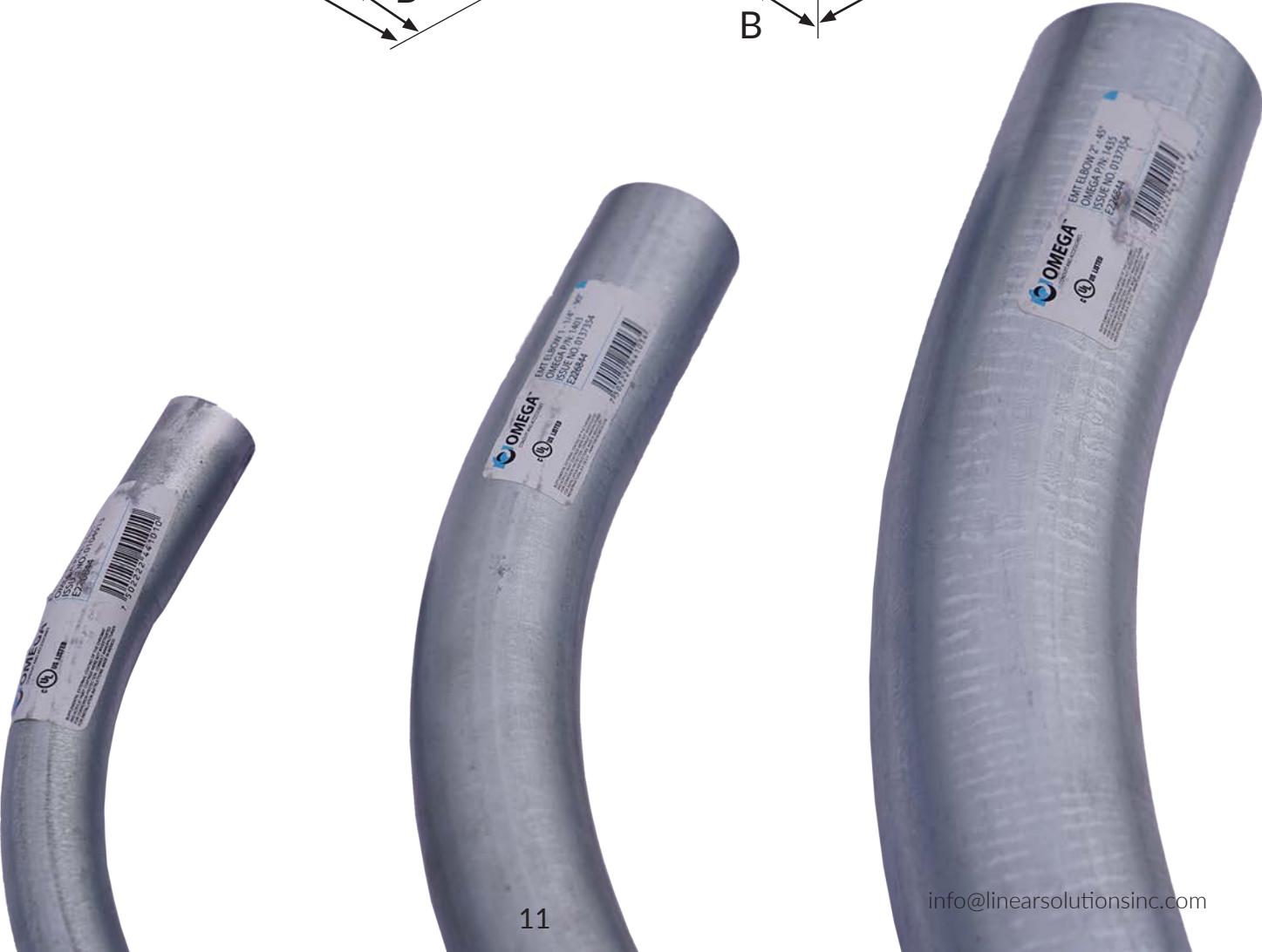
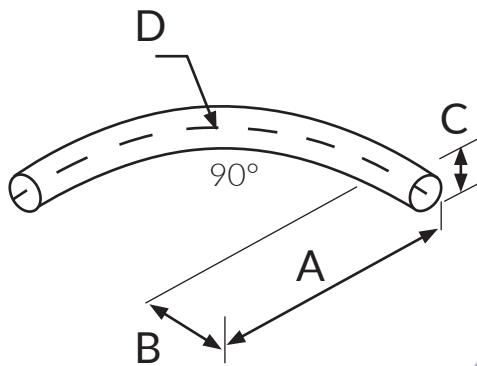
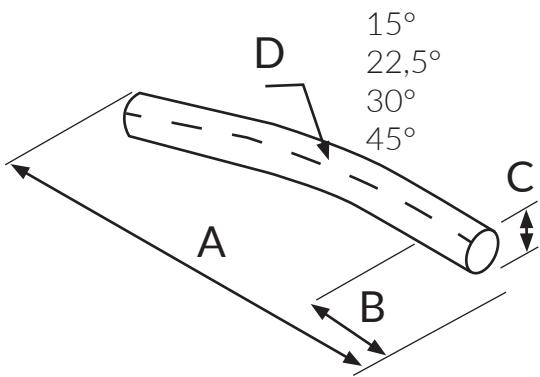
1. **Elbows** is typically fitted at an angle of 15°, 22.5°, 30°, 45°, or 90°, is a pipe fitting that is placed between two lengths of pipe or tubing to allow for a change in direction.
2. **Couplings** are specifically used to connect two lengths of pipe and has female threaded connections on either side.
3. **Nipples**, which is a short length of threaded conduit, are utilized between two boxes or enclosures or between conduit and fittings, boxes, and enclosures.



# 06 EMT ELBOWS



- Meets and/or exceeds UL797 standards.
- Made from low carbon steel per SAE J403.
- Complies with ASME B18.31.3 material and mechanical properties.
- Hot dip galvanized for corrosion resistance.



## 15° EMT ELBOWS SPECIFICATIONS

TRADE SIZE	DESCRIPTION	DIMENSIONS								WALL THICKNESS		APPROX. WEIGHT	
		(A)		(B) length of straight end		(C) outside diameter		(D) radius to centerline		in.	mm.	lb.	kg
		in.	mm.	in.	mm.	in.	mm.	in.	mm.				
1 1/4"	EMT ELBOW 1 1/4"	9.094	231	3.583	91	1.510	38.35	7.25	184	0.065	1.65	0.74	0.34
1 1/2"	EMT ELBOW 1 1/2"	9.134	232	3.465	88	1.740	44.20	8.25	210	0.065	1.65	0.86	0.39
2"	EMT ELBOW 2"	11.929	303	4.646	118	2.197	55.80	9.50	241	0.065	1.65	1.43	0.65
2 1/2"	EMT ELBOW 2 1/2"	17.047	433	7.086	180	2.875	73.03	10.50	267	0.072	1.83	3.03	1.37
3"	EMT ELBOW 3"	19.843	504	8.149	207	3.500	88.90	13.00	330	0.072	1.83	4.36	1.97
3 1/2"	EMT ELBOW 3 1/2"	19.882	505	7.874	200	4.000	101.60	15.00	381	0.083	2.11	5.20	2.36
4"	EMT ELBOW 4"	19.960	507	7.756	197	4.500	114.30	16.00	406	0.083	2.11	6.16	2.79

## 22.5° EMT ELBOWS SPECIFICATIONS

TRADE SIZE	DESCRIPTION	DIMENSIONS								WALL THICKNESS		APPROX. WEIGHT	
		(A)		(B) length of straight end		(C) outside diameter		(D) radius to centerline		in.	mm.	lb.	kg
		in.	mm.	in.	mm.	in.	mm.	in.	mm.				
1 1/4"	EMT ELBOW 1 1/4"	9.055	230	2.000	79	1.510	38.35	7.25	184	0.065	1.65	0.74	0.34
1 1/2"	EMT ELBOW 1 1/2"	9.842	250	2.000	84	1.740	44.20	8.25	210	0.065	1.65	0.93	0.42
2"	EMT ELBOW 2"	11.811	300	2.000	103	2.197	55.80	9.50	241	0.065	1.65	1.46	0.66
2 1/2"	EMT ELBOW 2 1/2"	16.889	429	3.000	163	2.875	73.03	10.50	267	0.072	1.83	3.04	1.38
3"	EMT ELBOW 3"	19.645	499	3.125	185	3.500	88.90	13.00	330	0.072	1.83	4.35	1.98
3 1/2"	EMT ELBOW 3 1/2"	19.763	502	3.250	175	4.000	101.60	15.00	381	0.083	2.11	5.56	2.52
4"	EMT ELBOW 4"	19.881	505	3.750	170	4.500	114.30	16.00	406	0.083	2.11	6.17	2.80

## 30° EMT ELBOWS SPECIFICATIONS

TRADE SIZE	DESCRIPTION	DIMENSIONS								WALL THICKNESS		APPROX. WEIGHT	
		(A)		(B) length of straight end		(C) outside diameter		(D) radius to centerline		in.	mm.	lb.	kg
		in.	mm.	in.	mm.	in.	mm.	in.	mm.				
1 1/4"	EMT ELBOW 1 1/4"	8.897	226	2.637	67	1.510	38.35	7.25	184	0.065	1.65	0.74	0.33
1 1/2"	EMT ELBOW 1 1/2"	9.724	247	2.755	70	1.740	44.20	8.25	210	0.065	1.65	0.93	0.43
2"	EMT ELBOW 2"	11.692	297	3.425	87	2.197	55.80	9.50	241	0.065	1.65	1.46	0.66
2 1/2"	EMT ELBOW 2 1/2"	16.653	423	5.708	145	2.875	73.03	10.50	267	0.072	1.83	3.05	1.38
3"	EMT ELBOW 3"	19.370	492	6.456	164	3.500	88.90	13.00	330	0.072	1.83	4.35	1.97
3 1/2"	EMT ELBOW 3 1/2"	23.307	592	7.952	202	4.000	101.60	15.00	381	0.083	2.11	5.78	2.62
4"	EMT ELBOW 4"	23.464	596	7.677	195	4.500	114.30	16.00	406	0.083	2.11	6.61	3.00

## 45° EMT ELBOWS SPECIFICATIONS

TRADE SIZE	DESCRIPTION	DIMENSIONS								WALL THICKNESS		APPROX. WEIGHT	
		(A)		(B) length of straight end		(C) outside diameter		(D) radius to centerline		in.	mm.	lb.	kg
		in.	mm.	in.	mm.	in.	mm.	in.	mm.				
1 1/4"	EMT ELBOW 1 1/4"	9.212	234	2.086	53	1.510	38.35	7.25	184	0.065	1.65	0.77	0.35
1 1/2"	EMT ELBOW 1 1/2"	10.075	256	2.125	54	1.740	44.20	8.25	210	0.065	1.65	1.00	0.45
2"	EMT ELBOW 2"	12.362	314	2.834	72	2.197	55.80	9.50	241	0.065	1.65	1.55	0.70
2 1/2"	EMT ELBOW 2 1/2"	18.267	464	5.748	146	2.875	73.03	10.50	267	0.072	1.83	3.62	1.64
3"	EMT ELBOW 3"	18.503	470	4.724	120	3.500	88.90	13.00	330	0.072	1.83	4.40	2.00
3 1/2"	EMT ELBOW 3 1/2"	27.165	690	8.976	228	4.000	101.60	15.00	381	0.083	2.11	7.40	3.36
4"	EMT ELBOW 4"	27.480	698	8.582	218	4.500	114.30	16.00	406	0.083	2.11	9.06	4.11

## 90° EMT ELBOWS SPECIFICATIONS

TRADE SIZE	DESCRIPTION	DIMENSIONS								WALL THICKNESS		APPROX. WEIGHT	
		(A)		(B) length of straight end		(C) outside diameter		(D) radius to centerline		in.	mm.	lb.	kg
		in.	mm.	in.	mm.	in.	mm.	in.	mm.				
1/2"	EMT ELBOW 1/2"	6.141	156	1.500	38	0.706	17.93	4.00	102	0.042	1.07	0.25	0.11
3/4"	EMT ELBOW 3/4"	6.811	173	1.500	38	0.922	23.42	4.50	114	0.049	1.24	0.43	0.19
1"	EMT ELBOW 1"	8.425	214	1.875	48	1.163	29.54	5.75	146	0.057	1.45	0.73	0.33
1 1/4"	EMT ELBOW 1 1/4"	10.787	274	2.000	51	1.510	38.35	7.25	184	0.065	1.65	1.40	0.64
1 1/2"	EMT ELBOW 1 1/2"	11.929	303	2.000	51	1.740	44.20	8.25	210	0.065	1.65	2.06	0.93
2"	EMT ELBOW 2"	14.370	365	2.000	51	2.197	55.80	9.50	241	0.065	1.65	2.71	1.23
2 1/2"	EMT ELBOW 2 1/2"	18.385	497	3.000	76	2.875	73.03	10.50	267	0.072	1.83	5.29	2.40
3"	EMT ELBOW 3"	19.251	489	3.125	79	3.500	88.90	13.00	330	0.072	1.83	6.54	2.97
3 1/2"	EMT ELBOW 3 1/2"	25.590	650	3.250	83	4.000	101.60	15.00	381	0.083	2.11	9.88	4.48
4"	EMT ELBOW 4"	25.275	642	3.750	86	4.500	114.30	16.00	406	0.083	2.11	12.45	5.65

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## EMT ELBOWS 15° PACKAGING

TRADE SIZE	METRIC DESIGNATOR	PIECES PER BOX / BUNDLE	BOXES/BUNDLES PER PALLET	PIECES PER PALLET	PALLET WEIGHT IN LB.	PALLET WEIGHT IN KG.
1 ¼"	35	45	45	2,025	1,574	714
1 ½"	41	40	36	1,440	1,296	588
2"	53	28	24	672	1,033	469
2 ½"	63	3	112	336	1,071	486
3"	78	3	72	216	913	414
3 ½"	91	2	88	176	1,001	454
4"	103	2	72	144	933	423

## EMT ELBOWS 22.5° PACKAGING

TRADE SIZE	METRIC DESIGNATOR	PIECES PER BOX / BUNDLE	BOXES/BUNDLES PER PALLET	PIECES PER PALLET	PALLET WEIGHT IN LB.	PALLET WEIGHT IN KG.
1 ¼"	35	45	45	2,025	1,570	712
1 ½"	41	35	36	1,260	1,248	566
2"	53	28	24	672	1,047	475
2 ½"	63	3	112	336	1,076	488
3"	78	3	72	216	972	441
3 ½"	91	2	88	176	1,008	457
4"	103	2	72	144	926	420

## EMT ELBOWS 30° PACKAGING

TRADE SIZE	METRIC DESIGNATOR	PIECES PER BOX / BUNDLE	BOXES/BUNDLES PER PALLET	PIECES PER PALLET	PALLET WEIGHT IN LB.	PALLET WEIGHT IN KG.
1 ¼"	35	40	45	1,800	1,396	633
1 ½"	41	35	36	1,260	1,248	566
2"	53	24	24	576	917	416
2 ½"	63	3	112	336	1,071	486
3"	78	3	72	216	985	447
3 ½"	91	2	66	132	904	410
4"	103	2	45	90	951	431

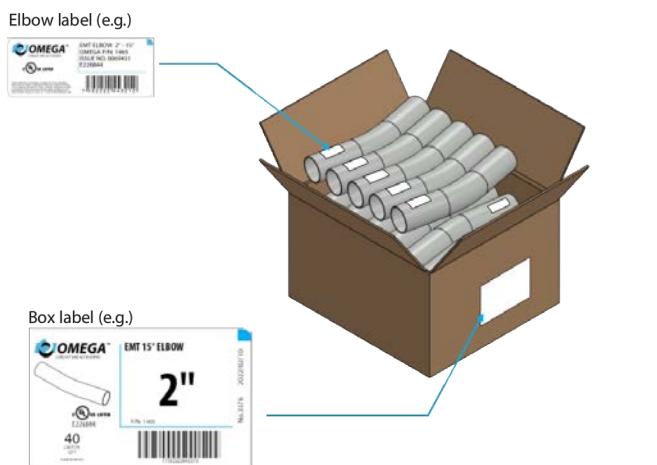
## EMT ELBOWS 45° PACKAGING

TRADE SIZE	METRIC DESIGNATOR	PIECES PER BOX / BUNDLE	BOXES/BUNDLES PER PALLET	PIECES PER PALLET	PALLET WEIGHT IN LB.	PALLET WEIGHT IN KG.
1 ¼"	35	40	45	1,800	1,537	697
1 ½"	41	30	36	1,080	1,111	504
2"	53	24	24	576	995	541
2 ½"	63	3	112	336	1,243	564
3"	78	3	66	198	904	410
3 ½"	91	2	44	88	730	331
4"	103	2	40	80	794	360

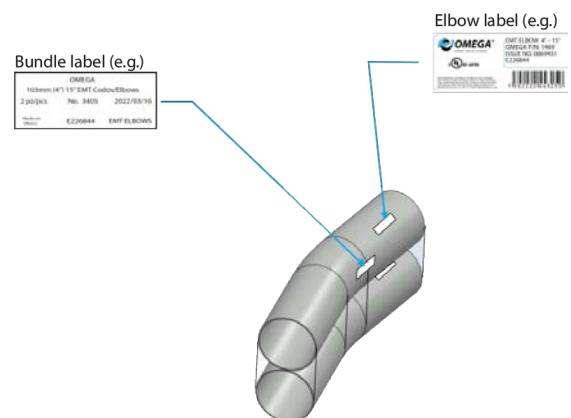
## EMT ELBOWS 90° PACKAGING

TRADE SIZE	METRIC DESIGNATOR	PIECES PER BOX / BUNDLE	BOXES/BUNDLES PER PALLET	PIECES PER PALLET	PALLET WEIGHT IN LB.	PALLET WEIGHT IN KG.
½"	16	50	120	6,000	1,548	702
¾"	21	50	84	4,200	1,795	814
1"	27	40	54	2,160	1,625	737
1 ¼"	35	20	30	600	904	410
1 ½"	41	20	30	600	1,127	511
2"	53	10	32	320	974	442
2 ½"	63	3	48	144	807	366
3"	78	3	36	108	748	339
3 ½"	91	2	36	72	829	376
4"	103	2	30	60	776	352

**Elbows 1 " to 2" are packaged in cardboard boxes and labeled in accordance to UL 797.**



**Elbows 2 1/2" to 4" are wrapped in plastic and labelled in accordance to UL 797**



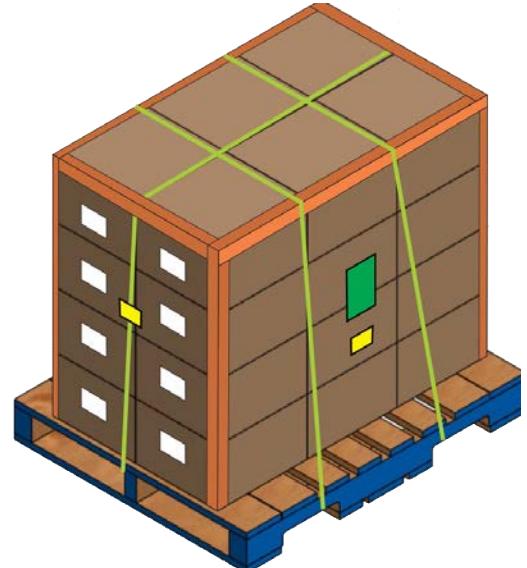
## Boxed elbows pallet

Pallet content description sheet

Label with total pallet weight

Boxes are strapped to pallet and stretch wrapped

Wooden pallet treated for export



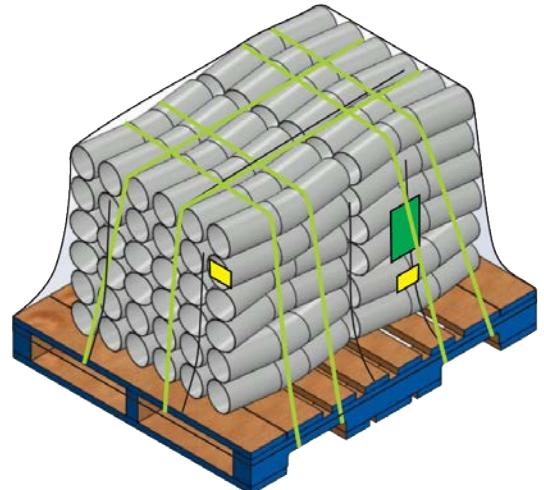
## Wrapped elbows pallet

Pallet content description sheet

Label with total pallet weight

Wrapped elbows are strapped to pallet and stretch wrapped

Wooden pallet treated for export



# 07 GRC ELBOWS



- (RMC) is galvanized steel tubing with a thick enough wall for threading.
- Commonly used in commercial and industrial construction.
- Hot-dipped galvanized inside and out.
- Top-coated with a compatible organic layer to inhibit white rust and increase corrosion resistance.
- Smooth, defect-free interior and exterior.
- Standard length: 10 feet.
- Custom lengths available upon request.



## GALVANIZED STEEL LARGE RADIUS RIGID ELBOWS SPECIFICATIONS

90°

TRADE SIZE in.	18"		24"		30"		36"		48"		60"	
	Part Number	lbs										
1 1/2	S1815	10	S2415	13	S3015	15	S3615	17	S4815	21	-	-
2	S1820	14	S2420	17	S3020	20	S3620	22	S4820	29	-	-
2 1/2	S1825	21	S2425	26	S3025	31	S3625	35	S4825	45	-	-
3	S1830	28	S2430	35	S3030	41	S3630	46	S4830	59	-	-
3 1/2	S1835	34	S2435	42	S3035	49	S3635	55	S4835	71	-	-
4	S1840	40	S2440	49	S3040	58	S3640	65	S4840	84	S6040	92
5	-	-	-	-	-	-	-	87	S4850	112	S6050	131
6	-	-	-	-	-	-	-	21	S4860	156	S6060	174

## GALVANIZED STEEL RIGID ELBOWS SPECIFICATIONS

**15°**

TRADE SIZE in.	STANDARD PACKAGE
1/2	50
3/4	50
1	25
1 1/4	20
1 1/2	15
2	10
2 1/2	100
3	100
3 1/2	50
4	50
5	40
6	30

**22.5°**

TRADE SIZE in.	STANDARD PACKAGE
1/2	50
3/4	50
1	25
1 1/4	20
1 1/2	15
2	10
2 1/2	100
3	100
3 1/2	50
4	50
5	40
6	30

**30°**

TRADE SIZE in.	STANDARD PACKAGE
1/2	50
3/4	50
1	25
1 1/4	20
1 1/2	15
2	10
2 1/2	100
3	100
3 1/2	50
4	50
5	40
6	30

**45°**

TRADE SIZE in.	UL MIN. RADIUS (A)	UL MIN. STRAIGHT END (B)	STANDARD PACKAGE
1/2	4	2.875	50
3/4	4.5	2.875	50
1	5.75	3	25
1 1/4	7.25	3.25	20
1 1/2	8.25	3.625	15
2	9.5	4.1875	10
2 1/2	10.5	5.25	100
3	13	5.8125	100
3 1/2	15	6.75	50
4	16	6.9375	50
5	24	8.125	40
6	30	13.25	30

**90°**

TRADE SIZE in.	UL MIN. RADIUS (A)	UL MIN. STRAIGHT END (B)	OFFSET (C)	STANDARD PACKAGE
1/2	4	2.875	6.343	50
3/4	4.5	2.875	6.781	50
1	5.75	3	8.901	25
1 1/4	7.25	3.25	10.25	20
1 1/2	8.25	3.625	11.937	15
2	9.5	4.1875	14.031	10
2 1/2	10.5	5.25	16	100
3	13	5.8125	18.947	70
3 1/2	15	6.75	22.218	50
4	16	6.9375	23.437	40
5	24	11.125	36.156	30
6	30	12.4375	41.46	28

# 08 ARC ELBOWS



- Approximately 1/3 lighter than RMC.
- Resists corrosive atmospheres commonly found in industrial environments.
- Easily cut, bent, and threaded without requiring specialized tools.
- Maintains its integrity without corroding or leaving unsightly stains.

## ALUMINUM RIGID ELBOWS SPECIFICATIONS

**45°**

TRADE SIZE DESIGNATOR		APPROX. WT. PER 100 PCS.		AVERAGE DIMENSIONS				STANDARD PACKAGE
in.	mm.	lbs.	kg.	Radius (A) in.	mm.	Height (B) in.	mm.	Pcs.
1/2	16	29	13.2	4.00	101.6	1.89	48.00	100
3/4	21	43	14.5	4.50	114.3	2.13	54.10	50
1	27	71	32.2	5.75	146.1	2.28	57.91	30
1 1/4	35	110	49.9	7.25	184.2	2.76	70.10	25
1 1/2	41	153	69.4	8.25	209.6	3.27	57.91	25
2	53	249	112.9	9.50	241.3	3.94	100.07	15
2 1/2	63	437	198.2	10.50	266.7	4.53	115.06	20
3	78	767	347.9	13.00	330.2	5.91	150.11	15
3 1/2	91	1,036	469.9	15.00	381.0	7.09	180.08	12
4	103	1,228	557.0	16.00	406.4	7.87	199.90	12
5	129	2,490	1,129.5	24.00	609.6	8.13	206.50	8
6	155	3,850	1,746.3	30.00	762.0	13.25	336.55	6

**90°**

TRADE SIZE DESIGNATOR		APPROX. WT. PER 100 PCS.		AVERAGE DIMENSIONS				STANDARD PACKAGE
in.	mm.	lbs.	kg.	Radius (A) in.	mm.	Height (B) in.	mm.	Pcs.
1/2	16	29	13.2	4.00	101.6	6.19	157.20	219
3/4	21	43	14.5	4.50	114.3	6.75	171.50	225
1	27	71	32.2	5.75	146.1	8.63	219.20	288
1 1/4	35	110	49.9	7.25	184.2	10.06	255.50	281
1 1/2	41	153	69.4	8.25	209.6	11.56	293.60	331
2	53	249	112.9	9.50	241.3	14.06	357.10	456
2 1/2	63	437	198.2	10.50	266.7	16.00	406.40	550
3	78	767	347.9	13.00	330.2	18.81	477.80	581
3 1/2	91	1,036	469.9	15.00	381.0	22.19	563.60	719
4	103	1,228	557.0	16.00	406.4	23.94	608.10	794
5	129	2,490	1,129.5	24.00	609.6	36.13	917.70	12.13
6	155	3,850	1,746.3	30.00	762.0	41.94	1,065.30	11.94

# 09 COUPLINGS



- Low conductivity with high corrosion resistance.
- Smooth, defect-free interior and exterior.
- Constructed from galvanized steel, providing resilience against corrosive industrial atmospheres.
- Easily cut, bent, and threaded without necessitating special tools.
- Maintains its integrity without corroding or leaving discolored streaks or stains.



## RIGID COUPLINGS SPECIFICATIONS

TRADE SIZE DESIGNATOR		APPROX. WT. PER 100 FT. (30.5M)		NOMINAL OUTSIDE DIAMETER		LENGTH		STANDARD PACKAGE
in.	mm.	lbs.	kg.	in.	mm.	in.	mm.	mm.
1/2	16	9.0	4.08	1.63	41.4	1.563	39.70	100
3/4	21	20.0	9.07	1.64	41.7	1.625	41.28	50
1	27	30.0	13.60	1.97	50.0	2.000	50.80	30
1 1/4	35	40.0	18.14	2.03	51.6	2.063	52.40	20
1 1/2	41	56.0	25.40	2.06	52.3	2.063	52.40	20
2	53	60.0	27.21	2.13	54.1	2.125	53.94	20
2 1/2	63	200.0	90.71	2.19	55.6	3.125	79.38	10
3	78	225.0	102.05	3.31	84.1	3.250	82.55	16
3 1/2	91	375.0	170.09	3.41	86.6	3.375	85.73	16
4	103	325.0	147.41	3.52	89.4	3.500	88.90	10
5	129	550.0	249.47	3.95	100.3	3.750	96.25	6
6	155	400.0	181.43	4.25	108.8	4.000	101.60	6

## ALUMINUM COUPLINGS SPECIFICATIONS

TRADE SIZE DESIGNATOR		APPROX. WT. PER 100 FT. (30.5M)		NOMINAL OUTSIDE DIAMETER		LENGTH		STANDARD PACKAGE
in.	mm.	lbs.	kg.	in.	mm.	in.	mm.	mm.
1/2	16	6.1	2.8	1.08	27.4	1.560	39.60	100
3/4	21	9.1	4.1	1.33	33.8	1.620	41.10	50
1	27	12.5	5.7	1.56	39.6	2.000	50.80	30
1 1/4	35	18.9	8.6	1.95	49.5	2.060	52.30	25
1 1/2	41	23.3	10.6	2.22	56.4	2.060	52.30	25
2	53	34.6	15.7	2.75	69.8	2.120	53.80	15
2 1/2	63	68.3	31.0	3.28	83.3	3.120	79.20	20
3	78	91.4	41.5	3.94	100.8	3.250	82.60	15
3 1/2	91	108.0	49.0	4.44	112.8	3.370	85.60	12
4	103	142.0	64.4	5.00	127.0	3.500	88.90	12
5	129	241.9	109.7	6.30	160.0	3.750	96.30	8
6	155	321.0	145.6	7.39	187.7	4.000	101.60	6

# 10 NIPPLES



- A conduit system can be extended by coupling components or connecting conduit to another element within the system using a nipple, which is a small, threaded length of conduit. Nipples are frequently utilized between two boxes or enclosures, or between conduit and fittings, boxes, and enclosures.
- Exhibits low conductivity and high corrosion resistance.
- Features a smooth, defect-free interior and exterior.
- Hot-dipped galvanized finish.

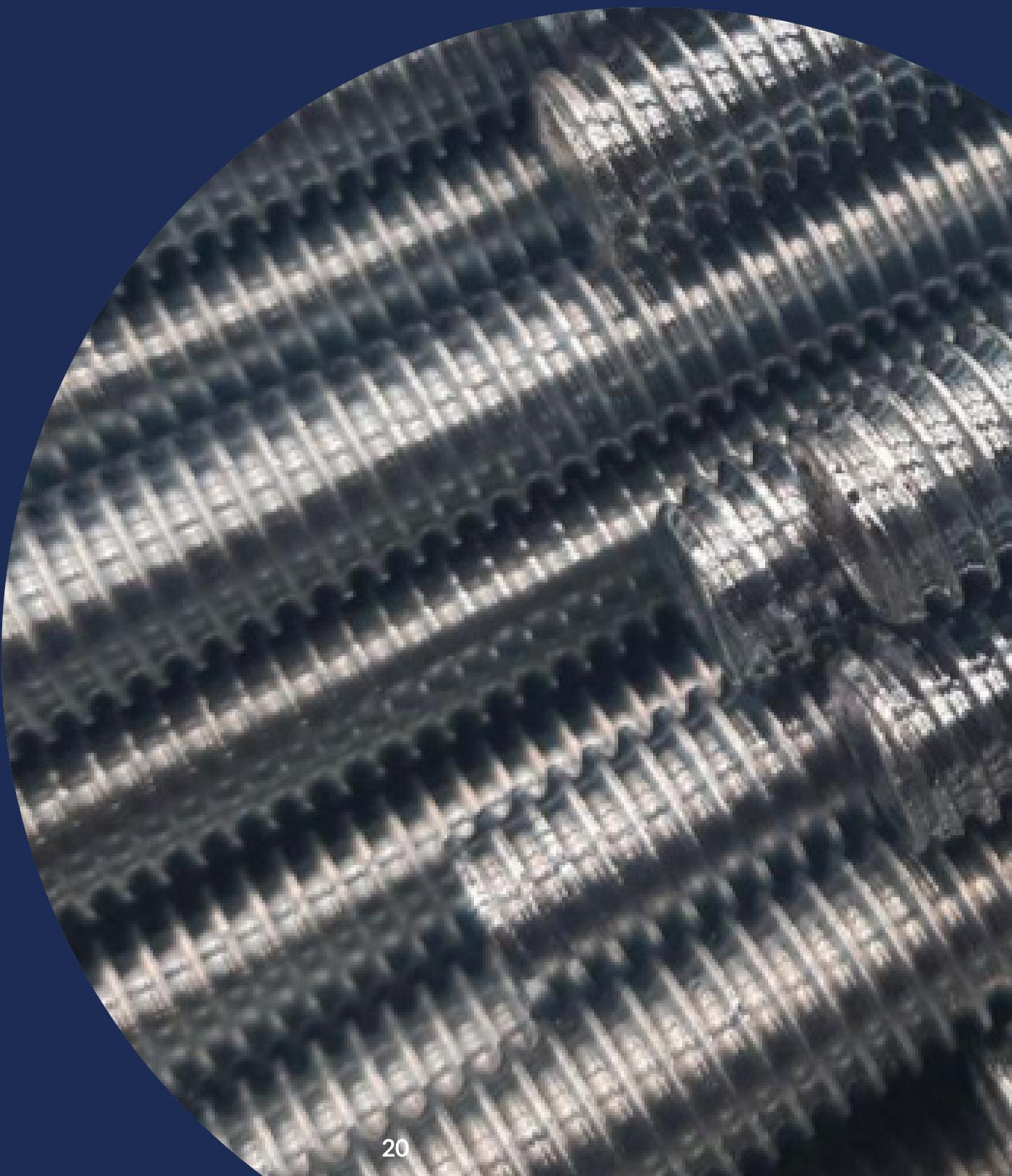


## GALVANIZED STEEL NIPPLES SPECIFICATIONS

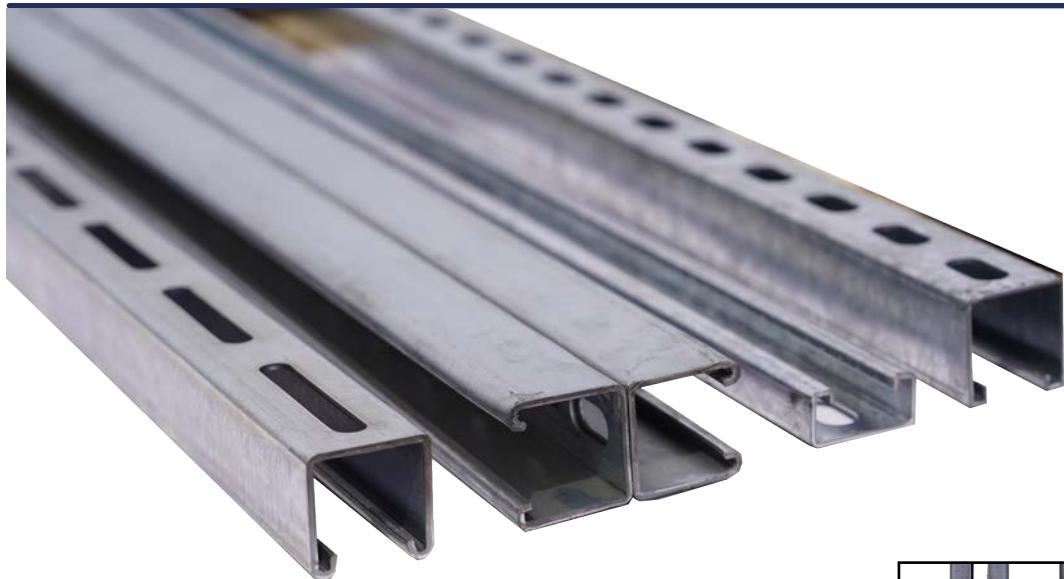
1/2"		3/4"		1"		1 1/4"		1-1/2"		2"	
TRADE SIZE	STD PKG										
in.		in.		in.		in.		in.		in.	
Close	25										
1 1/2	25	1 1/2	24	2	24	2	25	2	25	2 1/2	25
2	25	2	25	2 1/2	25	2 1/2	25	2 1/2	25	3	25
2 1/2	25	2 1/2	25	3	25	3	25	3	25	3 1/2	25
3	25	3	25	3 1/2	25	3 1/2	25	3 1/2	25	4	25
3 1/2	25	3 1/2	25	4	25	4	25	4	25	5	25
4	25	4	25	5	25	5	25	5	25	6	25
5	25	5	25	6	25	6	25	6	25	8	10
6	25	6	25	8	25	8	25	8	25	10	12
7	25	7	25	10	25	10	25	10	20	12	10
8	25	8	25	12	25	12	25	12	20	18	1
9	25	9	25	18	1	18	1	18	1	24	1
10	25	10	25	24	1	24	1	24	1		
12	25	12	25								
18	1	18	1								
24	1	24	1								

2-1/2""		3"		3-1/2""		4"		5"		6"	
TRADE SIZE	STD PKG										
in.		in.		in.		in.		in.		in.	
Close	10	Close	1	Close	10	Close	10	Close	5	Close	1
3	10	3	1	4	5	4	6	5	1	5	1
3 1/2	10	3 1/2	1	5	10	5	6	6	1	6	1
4	10	4	1	6	5	6	5	8	1	8	1
5	10	5	1	8	5	8	3	10	1	10	1
6	10	6	1	10	5	10	3	12	1	12	1
8	10	8	5	12	5	12	3				
10	5	10	10	18	1	18	1				
12	5	12	5	24	1	24	1				
18	1	18	1								
24	1	24	1								

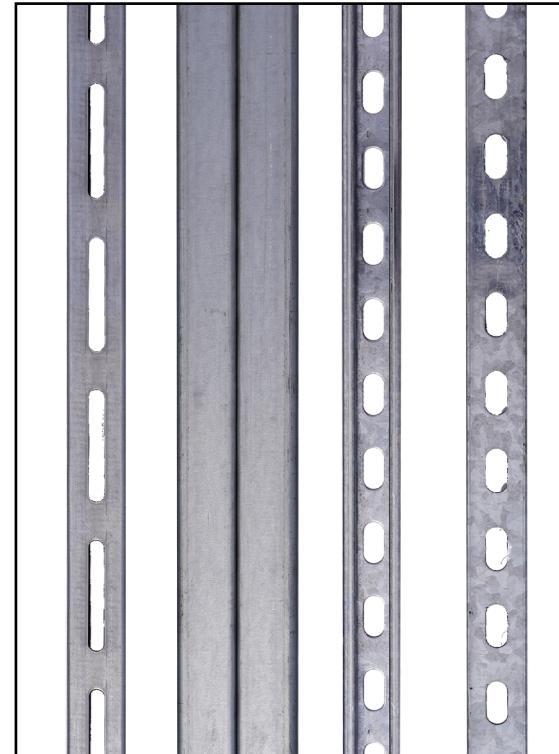
# CONDUIT SUPPORT PRODUCTS



# 11 STRUT



- It is cold-formed with high-quality low-carbon steel.
- Pre-galvanized per ASTM A653.
- Stocked in 10' (3.05m) lengths; custom lengths available upon request.
- Available in 16 Ga. (1.5mm), 14 Ga. (1.9mm), and 12 Ga. (2.7mm).
- LS offers Back-to-Back, Green, Stainless, and Solid (no holes) strut in 10 ft or 20 ft lengths.
- Stocked in 10ft and 20 ft lengths.



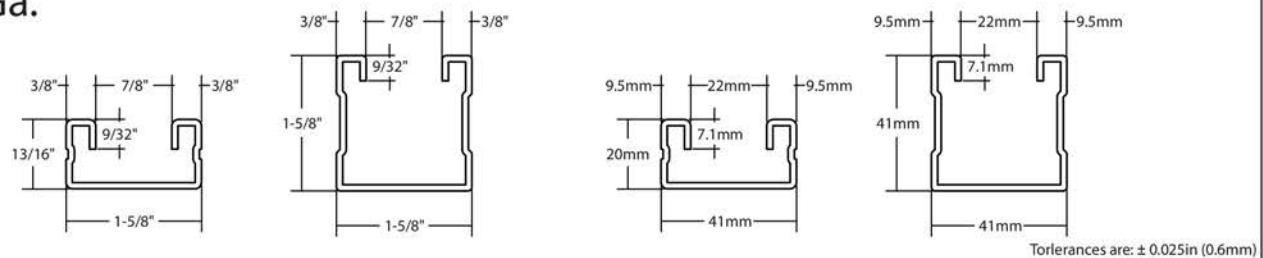
## STRUT SPECIFICATIONS

	CHANNEL DIMENSIONS	SLOT DIMENSIONS		SPACE BETWEEN SLOT CENTERS (C) in.	THICKNESS in.	LENGTH ft.	APROX. WEIGHT PER PIECE Lbs. Kg.	MASTER BUNDLE Pieces	MASTER BUNDLE WEIGHT Lbs. Kg.	
		(A) in.	(B) in.							
SLOTTED	1-5/8"X1-5/8"	1-1/8" (28.57mm)	9/16" (14.28mm)	2" (50.8mm)	B-16 Ga.	10'	10.91 4.95	50	545.5 247.5	
	1-5/8"X13/16"	1-1/8" (28.57mm)	9/16" (14.28mm)	2" (50.8mm)	B-16 Ga.	10'	7.63 3.46	50	381.5 173.0	
	1-5/8"X1-5/8"	1-1/8" (28.57mm)	9/16" (14.28mm)	2" (50.8mm)	C-14 Ga.	10'	12.74 5.78	50	637.0 289.0	
	1-5/8"X13/16"	1-1/8" (28.57mm)	9/16" (14.28mm)	2" (50.8mm)	C-14 Ga.	10'	8.82 4.00	50	441.0 200.0	
	1-5/8"X1-5/8"	1-1/8" (28.57mm)	9/16" (14.28mm)	2" (50.8mm)	D-12 Ga.	10'	18.52 8.40	50	926.0 420.0	
	1-5/8"X13/16"	1-1/8" (28.57mm)	9/16" (14.28mm)	2" (50.8mm)	D-12 Ga.	10'	12.83 5.82	50	641.5 291.0	
SLOTTED 3" x 7/16"	1-5/8"X1-5/8"	3" (76.20mm)	7/16" (11.11mm)	4" (101.6mm)	C-14 Ga.	10'	13.27 6.02	50	663.5 301.0	
	1-5/8"X13/16"	3" (76.20mm)	7/16" (11.11mm)	4" (101.6mm)	C-14 Ga.	10'	8.59 3.90	50	429.9 195.0	
	1-5/8"X1-5/8"	3" (76.20mm)	7/16" (11.11mm)	4" (101.6mm)	D-12 Ga.	10'	17.76 8.06	50	888.46 403.0	
	1-5/8"X13/16"	1-1/8" (76.20mm)	7/16" (11.11mm)	4" (101.6mm)	D-12 Ga.	10'	12.69 5.76	50	634.5 288.0	

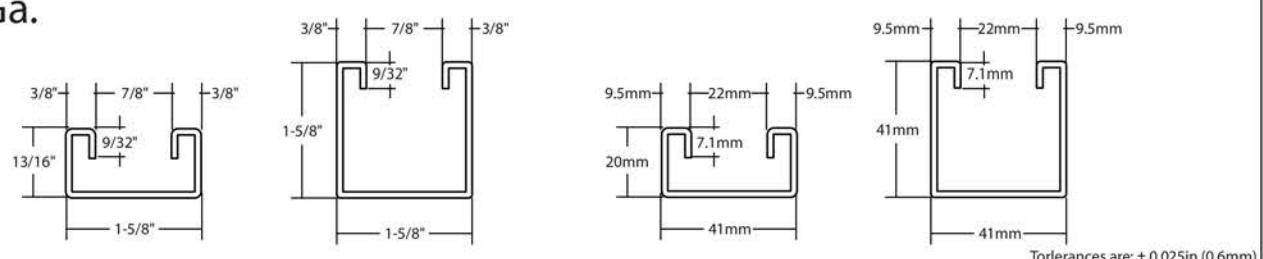
# 1. SHORT OVAL HOLES



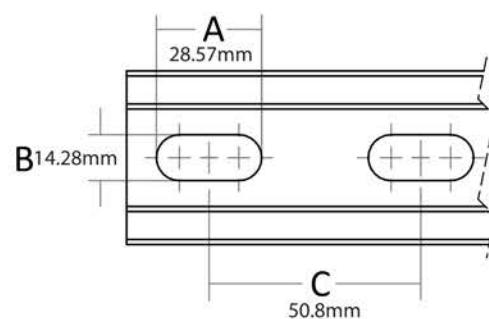
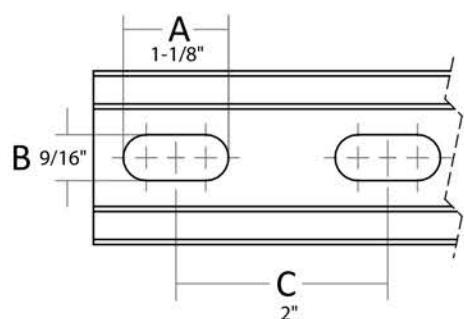
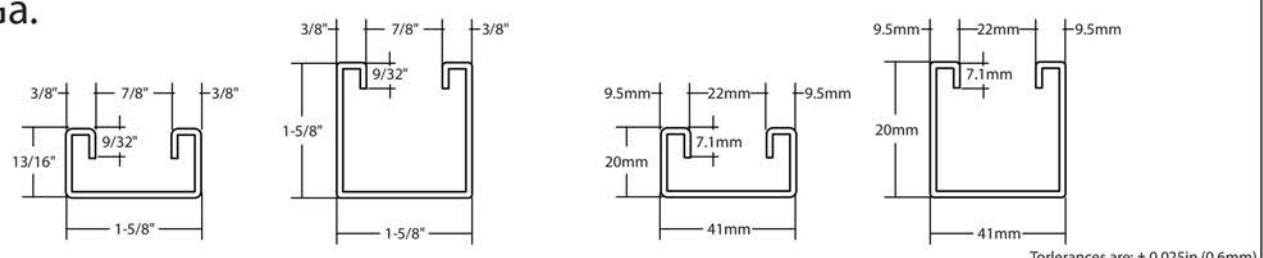
B-16 Ga.



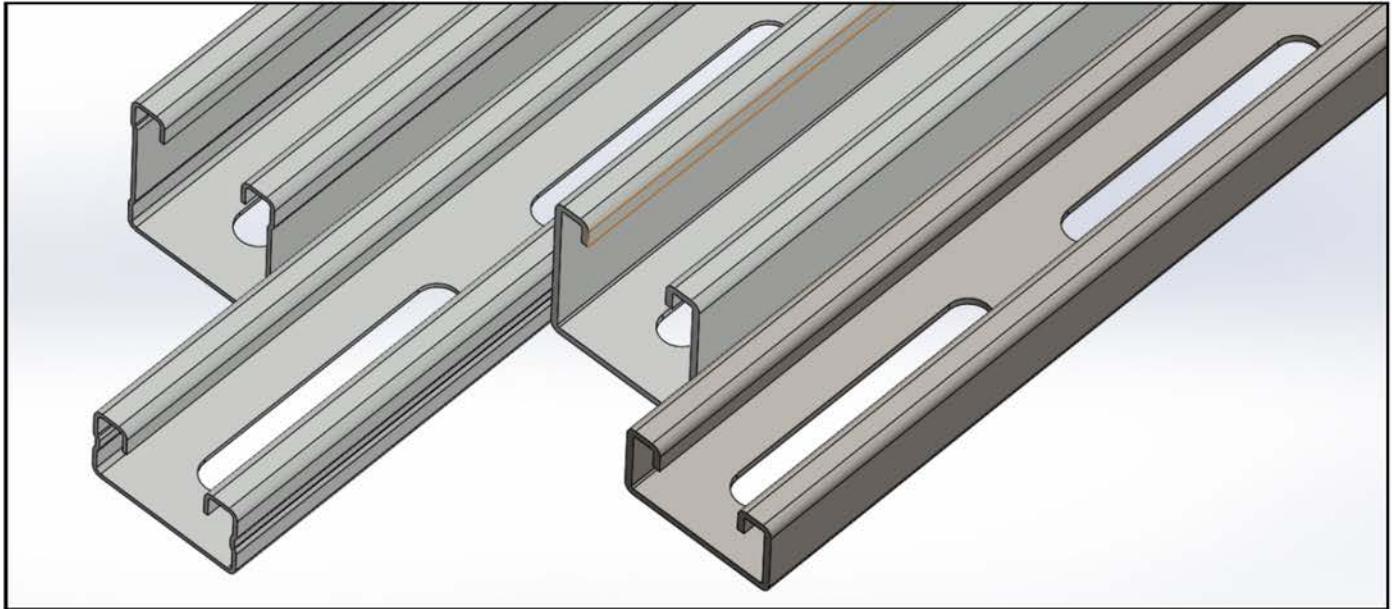
B-14 Ga.



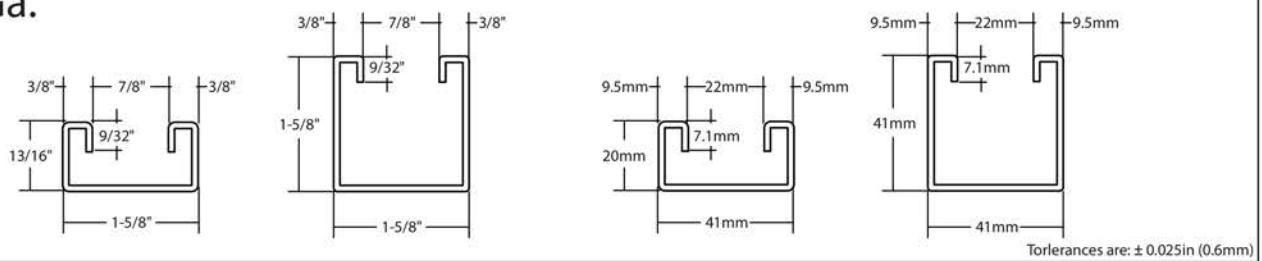
B-12 Ga.



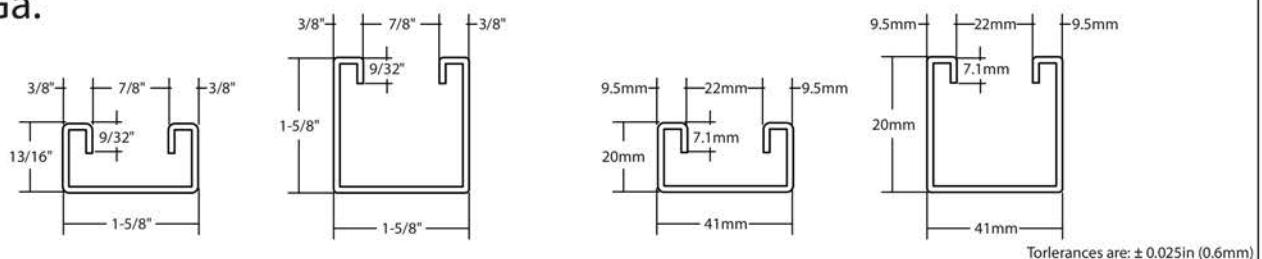
## 2. 3" LONG SLOTS



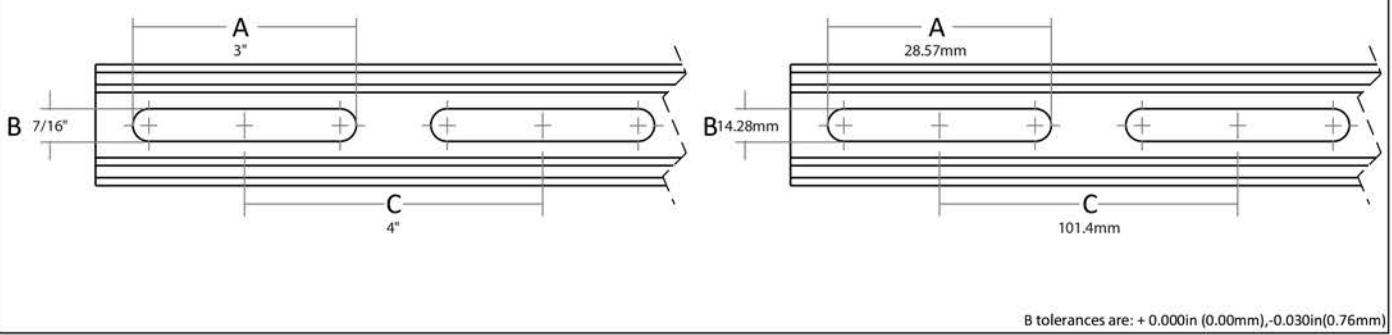
**C-14 Ga.**



**D-12 Ga.**



**Slot dimensions**



# 12 THREADED RODS



- Made from low carbon steel per SAE J403.
- Material and mechanical properties comply with ASME B18.31.3.
- Rolled threads meet ASME B1.1 standards.
- Electroplated finish meets or exceeds commercial standards (ASTM-B633).
- Bundles are stretch-wrapped with plastic and placed inside cardboard tubes for thread protection.
- Caps on the cardboard tubes are color-coded for easy identification.



## THREADED ROD SPECIFICATIONS

COLOR CODED	DESCRIPTION	LENGTH	WEIGHT PER PIECE	PIECES PER TUBE	WEIGHT PER TUBE	TUBES PER MASTER BUNDLE	WEIGHT PER MASTER BUNDLE	RODS PER MASTER BUNDLE
CAPS ON TUBE		ft.	lb.	pcs.	lb.	pcs.	lb.	pcs.
Yellow	1/4"-20 Threaded Rod	6	0.73	50	38.52	38	1.464	1,900
		10	1.22	50	64.40	28	1.803	1,400
Blue	5/16"-18 Threaded Rod	6	1.18	35	43.44	38	1.651	1,330
		10	1.98	35	72.56	28	2.032	980
Green	3/8"- 16 Threaded Rod	6	1.74	25	45.71	38	1.737	950
		10	2.91	25	77.76	28	2.177	700
Red	1/2"-13 Threaded Rod	6	3.15	12	39.73	38	1.510	456
		10	5.24	12	67.44	28	1.888	336
Blue	5/8"-11 Threaded Rod	6	4.91	8	41.36	38	1.572	304
		10	8.20	8	69.06	28	1.933	224

# WIRE AND GROUNDING PRODUCTS



# 13 BUILDING WIRE



- Abrasion and mechanical effort resistant
- Flame retardant PVC
- Smaller outside diameter (-20% vs THHW)
- Low friction coefficient
- Sizes 14 and 12, are packaged 4-500ft.spools (2,000ft.) / ctn., THHN, size 10, is packaged 2-500ft. Spools (1,000 ft.) / ctn. Orders for items packaged in ctns. Must be in ctn. Multiples.
- Colors available: Black, Red, Blue, White, Green, Yellow, Brown, Orange, Violet, Pink, and Grey.
- Put Ups Available: 500 ft, 1000 ft, 2500 ft, 5000 ft reels. Cuts may be available by special request only.
- QUICKSLIDE wires include self-lubrication technology and do not require the application of a pulling lubricant.

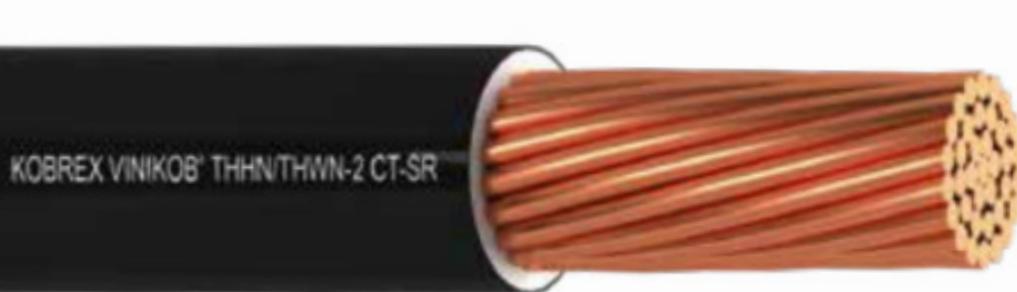
- Applications:

Suitable for general use in commercial and industrial installations:

Public buildings  
Hotels  
Warehouses  
Chemical plants  
Petrochemical plants

- Features:

Resistant to:  
Heat  
Humidity  
Solvents  
Oils (PR I & PR II)  
Gasoline (GR I & GR II)  
Grease  
Chemical agents



## Standards & References:

- ASTM - B3, B8 and B787 (19 Wire Combination Unilay-Stranded)
- UL Standards 83 and 1063
- NOM-ANCE
- VW-1 - Sizes 14 through 1 AWG
- Sunlight resistant - Sizes 8 AWG and larger
- CT Rated in Sizes 1/0 AWG and larger
- National Electrical Code, NFPA 70
- FT1 - All Sizes
- MTW - Stranded Constructions Only
- TWN 75
- T 90

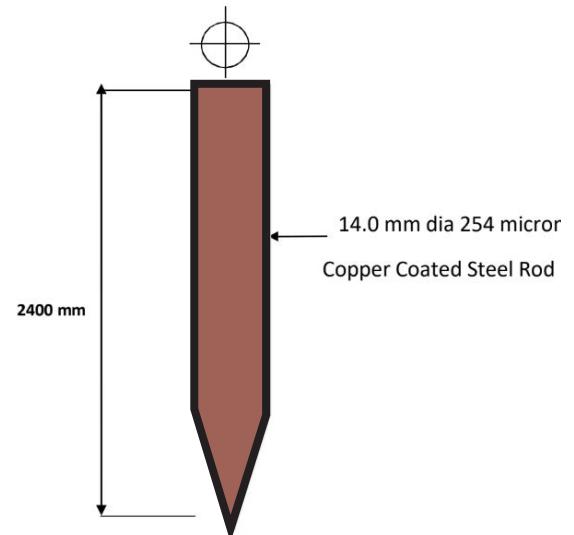
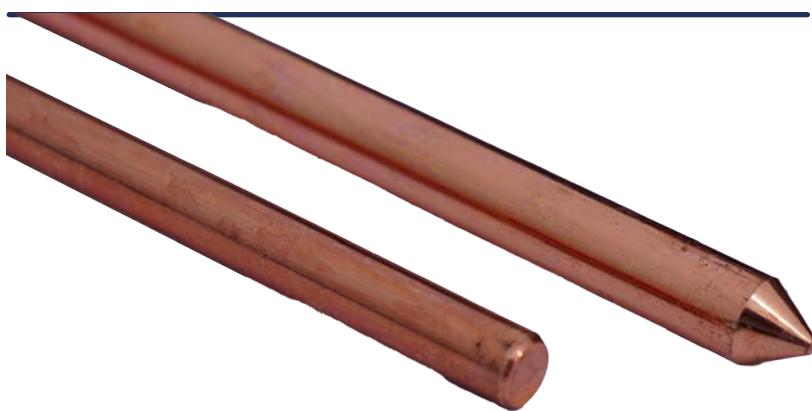
## Technical Data

- Maximum Operating Voltage: 600 volts
- Maximum Operating Temperature:
  - Dry environment: 90°C / 194°F
  - Moist and wet environments: 90°C / 194°F
- Manufacturing Range:
  - Wires: 14 AWG to 10 AWG
  - Stranded : 14 AWG to 1000 kcmil
- Colors:
  - Black - White
  - Red - Blue
  - Purple - Green
  - Yellow - Orange
  - Brown - Gray

## THHN COPPER WIRE SPECIFICATIONS

CONDUCTOR Size AWG/kcmil	No. of Strands	INSULATION THICKNESS mils	JACKET THICKNESS mils	NOMINAL O.D. mils	APPROX. NET. WEIGHT PER 1000'	ALLOWABLE AMPACITIES			STANDARD PACKAGE
						60°C	75°C	90°C	
14	1	15	102	4	15	15	15	15	AC
12	1	15	119	4	23	20	20	20	AC
10	1	20	150	4	36	30	30	30	AC
14	19	15	109	4	16	15	15	15	AC
12	19	15	128	4	24	20	20	20	AC
10	19	20	161	4	38	30	30	30	AC
8	19	30	213	5	63	40	50	55	AC
6	19	30	249	5	95	55	65	75	ABCD
4	19	40	318	6	152	70	85	100	ABCD
3	19	40	436	6	189	85	100	115	ABCD
2	19	40	378	6	234	95	115	130	ABCD
1	19	50	435	7	299	110	130	145	ABCD
1/0	19	50	474	7	372	125	150	170	ABCD
2/0	19	50	518	7	462	145	175	195	ABCD
3/0	19	50	568	7	575	165	200	225	ABCD
4/0	19	50	624	7	718	195	230	260	ABCD
250	37	60	694	8	851	215	255	290	ABCD
300	37	60	747	8	1,112	240	285	320	ABC
350	37	60	797	8	1,174	260	310	350	ABC
400	37	60	842	8	1,334	280	335	380	ABC
500	37	60	926	8	1,655	320	380	430	ABCD
600	61	70	1,024	9	1,987	350	420	475	ABC
750	61	70	1,226	9	2,464	400	475	535	BC
1,000	61	70	1,275	19	3,257	455	545	1,275	C

# 14 GROUND ROD



- High-quality copper bonded earth rods.
- Comply with the most demanding regulations for long-lasting earthing.
- Electrolytically coated with 254 µm thick copper.
- Copper coating is 99.9% pure.
- Proven resistance to corrosion.
- Electrolytic coating prevents cracks or fissures common with mechanical coatings.

## GROUND ROD SPECIFICATIONS

PART NO.	5/8" 8 Feet ground rod
MATERIAL	Copper Bonded Steel Electrode
LENGTH	2,400 mm or 8 feet
DIAMETER Ø	>14.0mm
COPPER COATING	>250 Micron (or as per customer requirement)
PURITY	99.90%
STRAIGHTNESS ERROR	<1mm/m
FUNCTION	Used in grounding and lightning system
TYPE	Flat or pointed

S.NO	DETAILS	DESCRIPTION
1	Model No	5/8" 8 Feet Ground Rod
		14.0 MM dia copper coated solid steel rod with 254+ micron copper coating
2	Products Details	
3	Diameter	>14.0mm
4	Length	>2,400 mm
5	Dimension	Milimeter
6	Tolerance	5%
7	Raw material size	Diameter =18.70mm, Length=3,080mm
8	Basic raw material / Grade	1,018
9	Copper	99.90%pure electrolytic copper





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