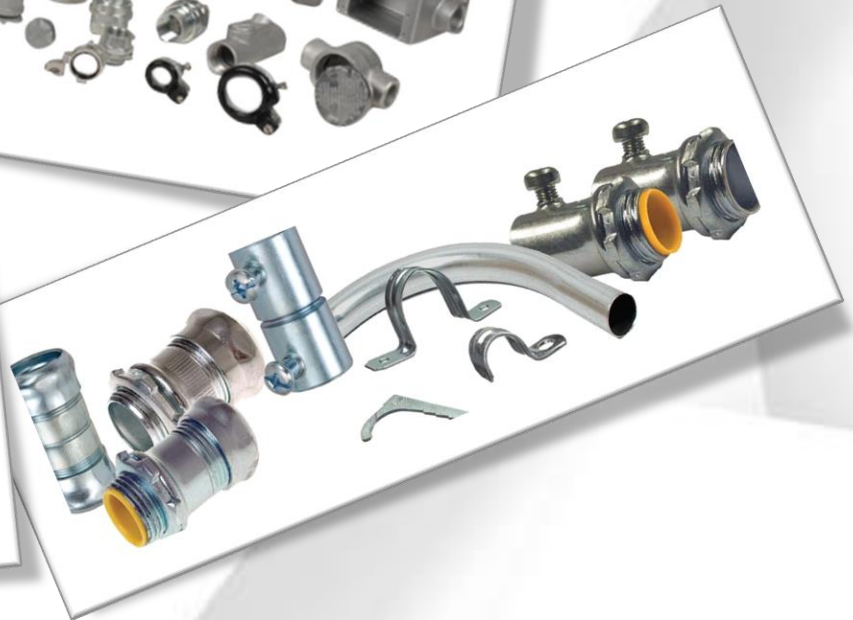




Cable Management & Protection System



**American Standard Steel Conduits & Accessories**

**ZM GRUP** has been serving in the cable management system since 2014.

**ZM GRUP** aim is to offer a high quality & competitively priced cable management system for the electrical market.

**ZM GRUP** offers a system that will provide the solution to the clients needs in all projects such as residential , commercial , industrial , utilities , oil & gas , airports .... Etc.

**ZM GRUP** steel conduits and accessories are available in American standards sizes & lengths can be manufactured to the exact customers requirements.

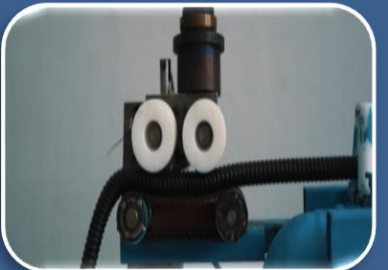
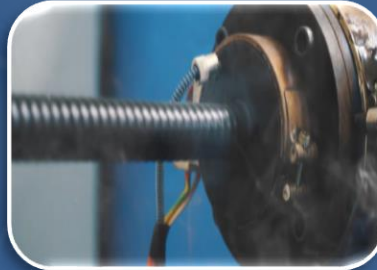
**ZM GRUP** Production covering the Turkish local market as well as more than 15 countries around the world.

**ZM GRUP** staff have been selected for wealth of experience.

**Customer Satisfaction Is Our Aim**







# STEEL CONDUIT



- EMT is a steel raceway of circular cross section which is unthreaded.
- The exterior is galvanized and protected by a clear zinc coating.
- The interior is a smooth continuous raceway and is coated with zinc organic lubricants.
- It is installed either indoors or outdoors in all conditions and produced trade size from ½" to 4".



EMT pipes are manufactured in accordance with the latest edition of the following :

- American national standard for steel electrical metallic tubing ANSI C80.3
- Underwriters laboratories standard for electrical metallic tubing UL797

Item Code	Trade Size	Metric Designator	Wall Thickness	Outside Diameter	Weight of 10 Units Length
			MM	MM	KG
ZMEMT050	½"	16	1.07	17.93	13.6
ZMEMT075	¾"	21	1.24	23.42	20.9
ZMEMT100	1"	27	1.45	29.54	30.4
ZMEMT125	1 ¼"	35	1.65	38.35	45.8
ZMEMT150	1 ½"	41	1.65	44.2	52.6
ZMEMT200	2"	53	1.65	55.8	67.1
ZMEMT250	2 ½"	63	1.83	73.03	98.0
ZMEMT300	3"	78	1.83	88.9	119.3
ZMEMT350	3 ½"	91	2.11	101.6	158.3
ZMEMT400	4"	103	2.11	114.3	178.3

Length : 10ft. (3.05m) +/- ¼ in. (+/- 6.35 mm)

(1)Outside diameter : 2-2 +/- 10.015/in. (0.13-/+35-16mm), 2+/-10.020 – 2/in.(-103+/-910.51mm).  
0.015 -/+ 3 in. (0.38 -/+ 78 mm) , 2-4 +/- 10.020 – 3/in. (-103 +/- 910.51mm).



- RMC is a threaded metal raceway of circular cross sections with coupling which can either be standard straight tapped conduit or integral type.
- It is known as the heaviest weight and thickest steel conduit.
- It has a coating of zinc on both outside and inside surfaces.
- It is also non-combustible and can be used indoors , outdoors ,underground , concealed or exposed areas.



RMC pipes are manufactured in accordance with the latest edition of the following :

- American national standard for steel electrical metallic tubing ANSI C80.1
- Underwriters laboratories standard for electrical metallic tubing UL6

Item Code	Trade Size	Metric Designator	Wall Thickness	Outside Diameter	Length Of Straight Conduit 6±	Min. Weight of Ten Pieces Screwed & coupled
			MM	MM		KG
ZMRMC050	½"	16	2.64	21.34 ± 0.38	3005	35.8
ZMRMC075	¾"	21	2.72	26.67 ± 0.38	3005	47.6
ZMRMC100	1"	27	3.2	33.4 ± 0.38	3005	69.4
ZMRMC125	1 ¼"	35	3.38	42.16 ± 0.38	3005	91.2
ZMRMC150	1 ½"	41	3.51	48.26 ± 0.38	3005	112.9
ZMRMC200	2"	53	3.71	60.33 ± 0.603	3005	150.6
ZMRMC250	2 ½"	63	4.9	73.03 ± 0.73	3005	239
ZMRMC300	3"	78	5.21	88.9 ± 0.889	3005	309.6
ZMRMC350	3 ½"	91	5.56	101.6 ± 1.016	3005	376.9
ZMRMC400	4"	103	5.72	114.3 ± 1.14	3005	441
ZMRMC500	5"	129	6.2	141.3 ± 1.413	3005	595.9
ZMRMC600	6"	155	6.75	168.26 ± 1.682	3005	791.7

- Made of high quality flat rolled steel and produced using an electric resistance welding process.
- Listed threaded steel raceway of circular cross sections with the coupling which can be either a standard straight-tapped conduit or integral type.
- Moreover, interchangeable with galvanized rigid steel conduit, they both have the same threads.
- Use the coupling and fittings and also are permitted to be used in the same locations.



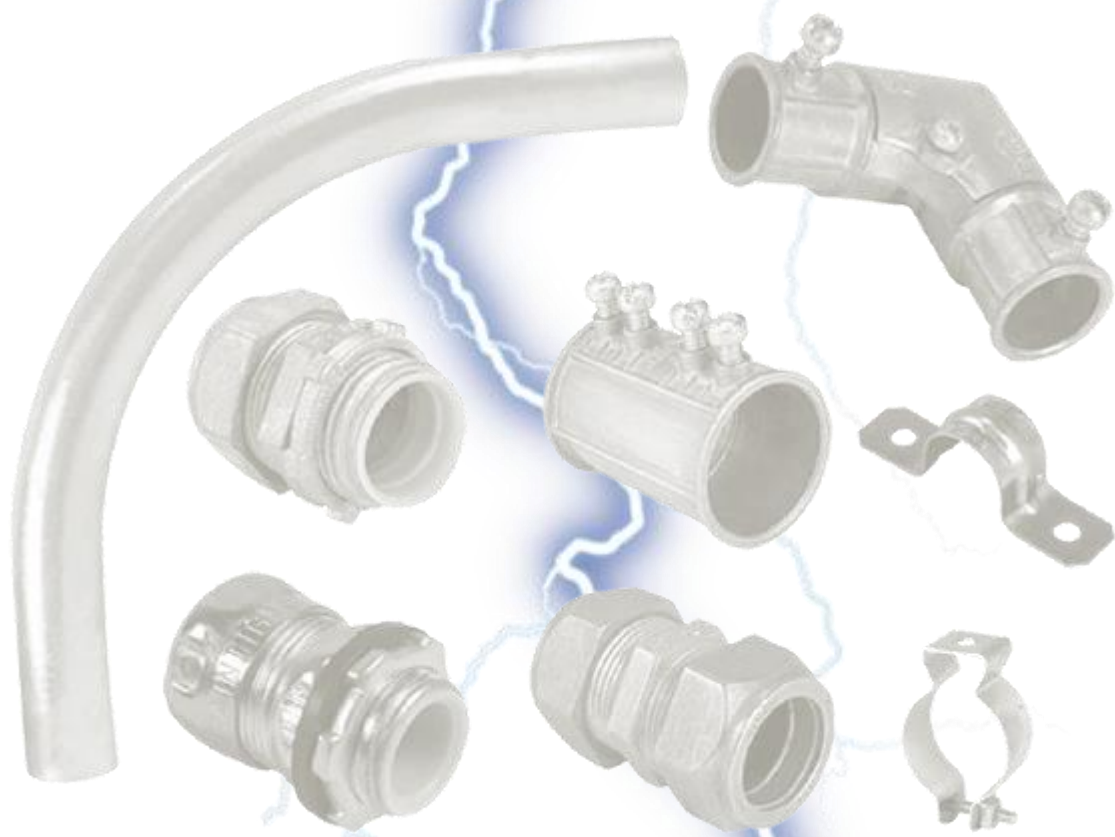
IMC pipes are manufactured in accordance with the latest edition of the following :

- American national standard for electrical Intermediate metal conduit ANSI C80.6
- Underwriters laboratories standard for electrical Intermediate metal conduit – Steel UL1242

Item Code	Trade Size	Metric Designator	Wall Thickness	Outside Diameter	Inside Diameter	Length Of Straight Conduit 6±	Min. Weight of Ten Pieces With coupler
			MM	MM	MM		KG
ZMIMC050	½"	16	1.97	20.7	16.76	3005	28.12
ZMIMC075	¾"	21	2.1	26.13	22.07	3005	38.13
ZMIMC100	1"	27	2.35	32.77	28.07	3005	53.98
ZMIMC125	1 ¼"	35	2.42	41.59	36.77	3005	71.67
ZMIMC150	1 ½"	41	2.54	47.82	42.74	3005	88.00
ZMIMC200	2"	53	2.67	59.93	54.6	3005	116.22
ZMIMC250	2 ½"	63	3.81	72.57	64.95	3005	200.24
ZMIMC300	3"	78	3.81	88.29	80.67	3005	246.5
ZMIMC350	3 ½"	91	3.81	100.86	93.24	3005	285.6
ZMIMC400	4"	103	3.81	113.44	105.82	3005	317.82



# EMT FITTINGS



## EMT Connectors and Couplings

### Set Screw Type Connector - Zinc Die Cast

#### Features

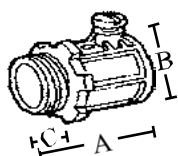
- Set screw type connector
- Concrete tight when taped
- Assembled with a die cast locknut
- Available with insulated throat

#### Applications

- Connectors; use to join EMT to box or enclosure
- Couplings; use to join two lengths of EMT

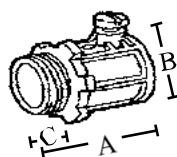
#### Standard Material

- Zinc die cast



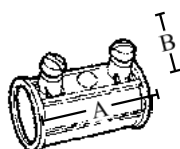
Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	A	Dimensions (in) B	C
ZMSSCN-050	½"	50	500	35	1.063	0.728	0.335
ZMSSCN-075	¾"	25	250	25	1.339	0.954	0.394
ZMSSCN-100	1"	---	50	30	1.496	1.181	0.512
ZMSSCN-125	1-¼"	---	25	8	1.772	1.555	0.512
ZMSSCN-150	1-½"	—	25	10	1.969	1.772	0.551
ZMSSCN-200	2"	—	20	11	2.323	2.225	0.630
ZMSSCN-250	2-½"	—	12	10	2.953	2.913	0.954
ZMSSCN-300	3"	—	12	12	3.307	3.543	0.984
ZMSSCN-350	3-½"	—	10	13	3.460	4.460	1.050
ZMSSCN-400	4"	—	6	9	3.740	4.567	1.063

### Set Screw Type Connector with Insulated Throat - Zinc Die Cast



Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	A	Dimensions (in) B	C
ZMSSCN-050I	½"	50	500	35	1.063	0.728	0.335
ZMSSCN-075I	¾"	25	250	25	1.339	0.954	0.394
ZMSSCN-100I	1"	50	200	30	1.496	1.181	0.512
ZMSSCN-125I	1-¼"	—	25	8	1.772	1.555	0.512
ZMSSCN-150I	1-½"	—	25	10	1.969	1.772	0.551
ZMSSCN-200I	2"	—	20	11	2.323	2.225	0.630
ZMSSCN-250I	2-½"	—	12	10	2.953	2.913	0.954
ZMSSCN-300I	3"	—	12	12	3.307	3.543	0.984
ZMSSCN-350I	3-½"	—	10	13	3.460	4.460	1.050
ZMSSCN-400I	4"	—	6	8	3.740	4.567	1.063

### Set Screw Type Coupling - Zinc Die Cast



Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMSSCP-050	½"	50	500	35	1.457	0.728
ZMSSCP-075	¾"	25	250	25	1.811	0.945
ZMSSCP-100	1"	50	200	28	1.969	1.181
ZMSSCP-125	1-¼"	—	25	8	2.402	1.555
ZMSSCP-150	1-½"	—	25	15	2.717	1.772
ZMSSCP-200	2"	—	20	11	3.228	2.225
ZMSSCP-250	2-½"	—	12	9	4.016	2.913
ZMSSCP-300	3"	—	12	12	4.488	3.543
ZMSSCP-350	3-½"	—	10	12	4.850	4.520
ZMSSCP-400	4"	—	6	10	5.061	4.567

## EMT Connectors and Connector Couplings

### Compression Type Connector - Zinc Die Cast

#### Features

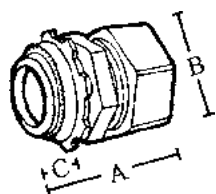
- Compressed type connector
- Concrete tight
- Assembled with a die cast locknut
- Available with insulated throat

#### Applications

- Connectors; use to join EMT to box or enclosure
- Couplings; use to join two lengths of EMT

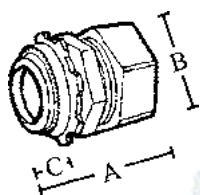
#### Standard Material

- Zinc die cast



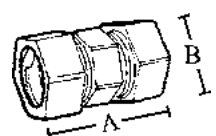
Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	A	Dimensions (in) B	C
ZMCCN-050	½"	50	500	50	1.200	0.720	0.370
ZMCCN-075	¾"	25	250	35	1.260	0.940	0.390
ZMCCN-100	1"	50	200	40	1.420	1.180	0.470
ZMCCN-125	1-¼"	---	25	10	1.650	1.560	0.550
ZMCCN-150	1-½"	---	20	11	1.810	1.770	0.590
ZMCCN-200	2"	—	15	12	2.050	2.220	0.710
ZMCCN-250	2-½"	—	12	13	2.630	2.630	0.860
ZMCCN-300	3"	—	12	16	2.770	2.770	1.010
ZMCCN-350	3-½"	—	10	18	2.770	2.770	0.940
ZMCCN-400	4"	---	6	12	2.770	2.770	1.000

### Compression Type Connector with Insulated Throat - Zinc Die Cast



Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	A	Dimensions (in) B	C
ZMCCN-050I	½"	50	200	50	1.200	0.720	0.370
ZMCCN-075I	¾"	25	250	35	1.260	0.940	0.390
ZMCCN-100I	1"	50	200	40	1.420	1.180	0.470
ZMCCN-125I	1-¼"	—	25	10	1.650	1.560	0.550
ZMCCN-150I	1-½"	—	20	11	1.810	1.770	0.590
ZMCCN-200I	2"	—	15	12	2.050	2.220	0.710
ZMCCN-250I	2-½"	—	12	13	2.630	2.630	0.860
ZMCCN-300I	3"	—	12	16	2.770	2.770	1.010
ZMCCN-350I	3-½"	—	10	18	2.770	2.770	0.940
ZMCCN-400I	4"	---	6	12	2.770	2.770	1.000

### Compression Type Coupling - Zinc Die Cast



Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMCCP-050	½"	50	500	60	1.500	0.730
ZMCCP-075	¾"	25	250	48	1.540	0.940
ZMCCP-100	1"	50	200	56	1.610	1.180
ZMCCP-125	1-¼"	—	25	11	1.850	1.560
ZMCCP-150	1-½"	—	20	14	2.090	1.770
ZMCCP-200	2"	—	15	14	2.200	2.220
ZMCCP-250	2-½"	—	12	16	3.290	3.700
ZMCCP-300	3"	—	12	21	3.420	4.490
ZMCCP-350	3-½"	—	10	22	3.510	5.060
ZMCCP-400	4"	---	6	15	3.540	5.630



## EMT Connectors and Couplings

### Set Screw Type Connector - Steel

#### Features

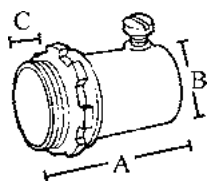
- Set screw type connectors and couplings
- Concrete tight when taped
- Assembled with a steel locknut
- Available with insulated throat

#### Applications

- Connectors; use to join EMT to box or enclosure
- Couplings; use to join two lengths of EMT

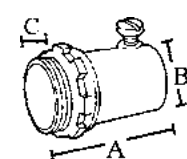
#### Standard Material

- Steel
- Zinc plated



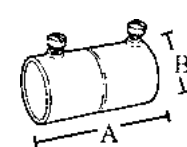
Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	A	Dimensions (in) B	C
ZMH-50S	½"	50	500	50	1.531	1.313	0.438
ZMH-75S	¾"	25	250	35	1.625	1.563	0.469
ZMH-100S	1"	50	200	46	2.250	1.938	0.563
ZMH-125S	1-¼"	—	25	10	2.500	2.250	0.563
ZMH-150S	1-½"	—	25	14	2.750	2.750	0.563
ZMH-200S	2"	—	20	16	3.313	3.563	0.750
ZMH-250S	2-½"	—	12	17	3.813	4.188	0.938
ZMH-300S	3"	—	12	22	3.938	4.688	0.938
ZMH-350S	3-½"	—	6	15	4.188	5.188	1.000
ZMH-400S	4"	—	6	17	3.750	1.050	4.990

### Set Screw Type Connector with Insulated Throat - Steel



Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	A	Dimensions (in) B	C
ZMH-50SI	½"	50	500	50	1.531	1.313	0.438
ZMH-75SI	¾"	25	250	35	1.625	1.563	0.469
ZMH-100SI	1"	50	200	46	2.250	1.938	0.563
ZMH-125SI	1-¼"	—	25	10	2.500	2.250	0.563
ZMH-150SI	1-½"	—	25	14	2.750	2.750	0.563
ZMH-200SI	2"	—	20	16	3.313	3.563	0.750
ZMH-250SI	2-½"	—	12	17	3.813	4.188	0.938
ZMH-300SI	3"	—	12	22	3.938	4.688	0.938
ZMH-350SI	3-½"	—	6	15	4.188	5.188	1.000
ZMH-400SI	4"	—	6	17	3.750	1.050	4.990

### Set Screw Type Coupling - Steel



Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMZ-50S	½"	50	500	50	1.750	0.880
ZMZ-75S	¾"	25	250	38	2.125	1.060
ZMZ-100S	1"	10	100	24	2.500	1.310
ZMZ-125S	1-¼"	—	25	11	3.250	1.690
ZMZ-150S	1-½"	—	25	17	3.750	1.940
ZMZ-200S	2"	—	20	18	4.000	2.380
ZMZ-250S	2-½"	—	12	19	4.250	3.190
ZMZ-300S	3"	—	12	26	4.500	3.190
ZMZ-350S	3-½"	—	6	15	4.750	4.310
ZMZ-400S	4"	—	6	17	5.000	4.810

## EMT Connectors and Couplings

### Compression Type Connector - Steel

#### Features

- Compression type connector and couplings
- Concrete tight
- Assembled with a steel locknut
- Available with insulated throat

#### Applications

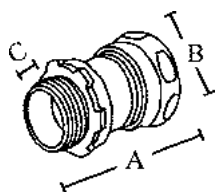
- Connectors: Use to join EMT to box or enclosure
- Couplings: Use to join two lengths of EMT

#### Standard Material

- Steel

#### Standard Finish

- Zinc plated



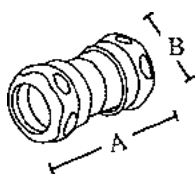
Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	A	Dimensions (in) B	C
ZMZC-50S	½"	25	250	30	1.4567	0.7087	0.4567
ZMZC-75S	¾"	25	250	43	1.4843	0.9252	0.4567
ZMZC-100S	1"	10	100	25	1.6535	1.1811	0.6024
ZMZC-125S	1-¼"	---	25	12	1.4961	1.5118	0.6850
ZMZC-150S	1-½"	---	20	12	2.4409	1.7559	0.7323
ZMZC-200S	2"	---	15	15	2.3622	2.2047	0.7323
ZMZC-250S	2-½"	---	12	19	2.3800	2.8800	0.8800
ZMZC-300S	3"	---	6	15	2.8800	3.5200	0.8800
ZMZC-350S	3-½"	---	6	16	3.0000	4.0000	1.0000
ZMZC-400S	4"	---	6	21	3.1900	4.5000	1.0000

### Compression Type Connector with Insulated Throat - Steel



Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	A	Dimensions (in) B	C
ZMZC-50SI	½"	25	250	30	1.4567	0.7087	0.4567
ZMZC-75SI	¾"	25	250	33	1.4843	0.9252	0.4567
ZMZC-100SI	1"	10	100	28	1.6535	1.1811	0.6024
ZMZC-125SI	1-¼"	---	25	8	1.4961	1.5118	0.6850
ZMZC-150SI	1-½"	---	20	9	2.4409	1.7559	0.7323
ZMZC-200SI	2"	---	15	12	2.3622	2.2047	0.7323
ZMZC-250SI	2-½"	---	12	19	2.3800	2.8800	0.8800
ZMZC-300SI	3"	---	12	25	2.8800	3.5200	0.8800
ZMZC-350SI	3-½"	---	6	15	3.0000	4.0000	1.0000
ZMZC-400SI	4"	---	6	19	3.1900	4.5000	1.0000

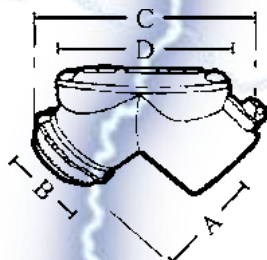
### Compression Type Coupling - Steel



Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in) A B	
ZMZCC-50S	½"	25	250	32	1.6378	0.7087
ZMZCC-75S	¾"	25	250	40	1.6378	0.9252
ZMZCC-100S	1"	10	100	31	1.7323	1.1811
ZMZCC-125S	1-¼"	---	25	15	2.4409	1.5118
ZMZCC-150S	1-½"	---	20	15	2.5748	1.7559
ZMZCC-200S	2"	---	15	18	2.6969	2.2047
ZMZCC-250S	2-½"	---	6	14	3.8750	2.8750
ZMZCC-300S	3"	---	6	19	4.0000	3.5000
ZMZCC-350S	3-½"	---	6	21	4.4500	4.0000
ZMZCC-400S	4"	---	3	15	4.9300	4.5000

## EMT 90° Pull Elbows

Threaded Set Screw Type - EMT to Box - Zinc Die Cast



### Features

- EMT to box pull elbows
- Removable cover facilitates wire pulling
- Neoprene gasket

### Applications

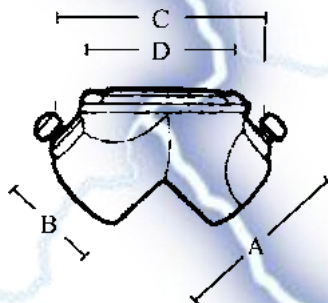
- Indoor or outdoor use
- Use to connect a run of EMT conduit to an outlet box or other metal enclosure
- Can be used with EMT indoors only

### Standard Material

- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)			
					A	B	C	D
ZMETB-050	½"	10	100	31	1.310	1.090	2.400	1.800
ZMETB-075	¾"	5	50	18	1.470	1.290	2.660	2.140
ZMETB-100	1"	—	25	21	2.800	1.600	3.660	3.160
ZMETB-125	1-¼"	—	20	25	3.130	1.960	5.160	3.240

## Set Screw Type - EMT to EMT - Zinc Die Cast



### Features

- Corrosion resistant fabrication
- Removable cover facilitates wire pulling
- EMT to EMT pull elbows
- Removable cover facilitates wire pulling
- Neoprene gasket

### Applications

- Dry location use
- Use to connect EMT conduit together on a 90° bend
- Use as a wire pulling elbow to facilitate wire pulling through a sharp bend in a run of EMT conduit

### Standard Material

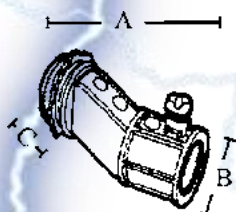
- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)			
					A	B	C	D
ZMETE-050	½"	10	100	24	1.310	0.940	2.500	1.780
ZMETE-075	¾"	5	50	19	1.590	1.240	2.760	2.130
ZMETE-100	1"	...	25	16	1.940	1.610	3.860	3.170
ZMETE-125	1-¼"	...	20	20	2.260	2.000	4.560	3.250



## EMT Offset Connectors

### Set Screw Type - EMT to Box - Zinc Die Cast



#### Features

- Concrete tight when taped

#### Applications

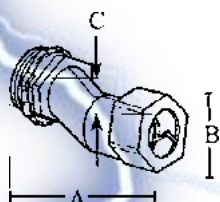
- Indoor or outdoor use
- Use to connect EMT conduit to a metal outlet box or enclosure where an offset is desired

#### Standard Material

- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)		
					A	B	C
ZMOFC-050	½"	10	100	12	2.100	0.940	0.520
ZMOFC-075	¾"	10	100	19	3.000	1.160	0.520
ZMOFC-100	1"	10	100	25	3.160	1.420	0.670

### Compression Type - EMT to Box - Zinc Die Cast



#### Features

- Concrete tight

#### Applications

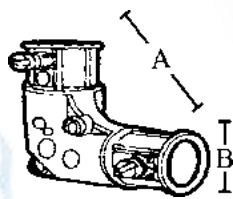
- Indoor or outdoor use
- Use to connect EMT conduit to a metal outlet box or enclosure where an offset is desired

#### Standard Material

- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)		
					A	B	C
ZMOFC-050C	½"	20	200	26	2.130	1.000	0.520
ZMOFC-075C	¾"	10	100	21	2.900	1.190	0.750
ZMOFC-100C	1"	10	100	28	3.200	1.420	0.750

### Set Screw Type - EMT to EMT - Inside Corner - Zinc Die Cast



#### Features

- Set screw assembly provides concrete tight connections when taped
- Removable cover facilitates wire pulling

#### Applications

- Dry location use
- Use to connect EMT conduit together on a 90° inside corner

#### Standard Material

- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMCCC-050	½"	10	100	20	1.810	1.000
ZMCCC-075	¾"	5	50	15	2.000	1.250
ZMCCC-100	1"	5	50	18	2.200	1.470

## EMT Straps

### Snap-On Type - One Hole - Steel



#### Features

- Snap-on type EMT strap with one hole
- Inverted rib for strength

#### Applications

- Support EMT conduit

#### Standard Material

- Steel
- Standard Finish
- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMOSP-050	½"	100	1000	25	1.640	0.790
ZMOSP-075	¾"	100	1000	30	1.820	0.940
ZMOSP-100	1"	50	500	25	2.180	1.260
ZMOSP-125	1-¼"	25	250	20	2.830	1.540
ZMOSP-150	1-½"	10	100	12	2.950	1.730
ZMOSP-200	2"	10	100	16	3.870	2.050
ZMOSP-250	2-½"	—	50	21	5.000	1.280
ZMOSP-300	3"	—	25	13	5.550	1.280
ZMOSP-350	3-½"	—	25	18	6.370	1.280
ZMOSP-400	4"	---	25	20	6.870	1.280

### Snap-On Type - Two Hole - Steel



#### Features

- Snap-on type EMT strap with two holes

#### Applications

- Use to support EMT conduit where greater load bearing is required

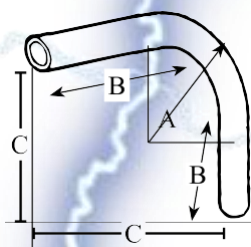
#### Standard Material

- Steel
- Standard Finish
- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMTSP-050	½"	50	500	10	2.170	0.750
ZMTSP-075	¾"	50	500	10	2.720	0.940
ZMTSP-100	1"	50	500	15	2.930	1.220
ZMTSP-125	1-¼"	20	200	12	3.620	1.570
ZMTSP-150	1-½"	20	200	16	4.210	1.850
ZMTSP-200	2"	—	50	7	4.600	2.240
ZMTSP-250	2-½"	—	25	6	5.910	1.000
ZMTSP-300	3"	—	25	7	6.710	1.000
ZMTSP-350	3-½"	—	25	8	7.510	1.000
ZMTSP-400	4"	—	25	7	8.310	1.000

## EMT Elbows

90° - Galvanized Steel



### Features

- Low conductivity, high corrosion resistance
- Smooth defect free interior and exterior

### Applications

- For a secure connection to EMT conduit; bend enables directional changes in conduit

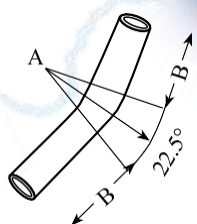
### Standard Material

- Galvanized steel

Catalog Number	Size	Ship Case	Weight/ Case	(A) Min. UL Radius	(B) Straight Leg Each End	(C) Offset
ZM8300	½"	50	12	4.000	2.875	6.343
ZM8301	¾"	50	22	4.500	2.875	6.781
ZM8302	1"	20	16	5.750	3.000	8.901
ZM8303	1-¼"	20	29	7.250	3.250	10.250
ZM8304	1-½"	10	20	8.250	3.625	11.937
ZM8305	2"	10	27	9.500	4.187	14.031
ZM8306	2-½"	50	6	10.500	5.250	16.000
ZM8307	3"	35	9	13.000	5.812	18.947
ZM8308	3-½"	35	11	15.000	6.750	22.218
ZM8309	4"	25	15	16.000	6.937	23.437

## EMT Elbows

45° - Galvanized Steel



### Features

- Low conductivity, high corrosion resistance
- Smooth defect free interior and exterior

### Applications

- For a secure connection to EMT conduit; bend enables directional changes in conduit

### Standard Material

- Galvanized steel

Catalog Number	Size	Ship Case	Weight/ Case	(A) Min. UL Radius	(B) Straight Leg Each End
ZM8310	½"	50	11	4.000	2.875
ZM8311	¾"	50	19	4.500	2.875
ZM8312	1"	35	25	5.750	3.000
ZM8313	1-¼"	30	30	7.250	3.250
ZM8314	1-½"	15	44	8.250	3.625
ZM8315	2"	15	31	9.500	4.187
ZM8316	2-½"	1	5	10.500	5.250
ZM8317	3"	1	7	13.000	5.812
ZM8318	3-½"	1	9	15.000	6.750
ZM8319	4"	1	12	16.000	6.937

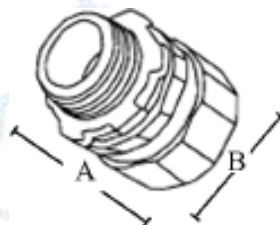


# RMC/IMC FITTINGS



## Rigid Connectors

### Compression Type - Steel



#### Features

- Concrete tight when taped
- Threadless

#### Applications

- Used to join unthreaded Rigid or IMC conduit to steel outlet box or metal enclosure

#### Standard Material

- Steel

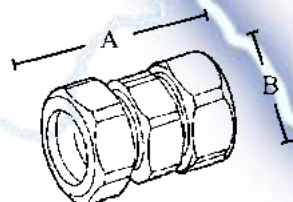
#### Standard Finish

- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMY-RT50	½"	20	200	13	1.398	0.886
ZMY-RT75	¾"	10	100	20	1.496	1.063
ZMY-RT100	1"	5	50	36	1.720	1.378
ZMY-RT125	1-¼"	5	50	64	1.890	1.700
ZMY-RT150	1-½"	—	12	92	2.126	1.992
ZMY-RT200	2"	—	12	117	2.056	2.429
ZMY-RT250	2-½"	—	5	14	3.000	3.750
ZMY-RT300	3"	—	3	13	3.125	4.250
ZMY-RT350	3-½"	—	2	13	3.187	4.750
ZMY-RT400	4"	—	2	13	3.437	5.312

## Rigid Couplings

### Compression Type - Steel



#### Features

- Compression type
- Concrete tight
- Threadless

#### Applications

- Used to join two lengths unthreaded Rigid or IMC conduit to steel outlet box or metal enclosure

#### Standard Material

- Steel

#### Standard Finish

- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMY-RTC50	½"	10	100	16	1.799	0.875
ZMY-RTC75	¾"	10	100	24	2.055	1.086
ZMY-RTC100	1"	5	50	48	2.087	1.338
ZMY-RTC125	1-¼"	5	50	86	2.512	1.732
ZMY-RTC150	1-½"	—	12	125	2.563	1.990
ZMY-RTC200	2"	—	5	160	2.350	2.422
ZMY-RTC250	2-½"	—	5	260	5.750	3.930
ZMY-RTC300	3"	—	3	300	5.720	4.660
ZMY-RTC350	3-½"	—	2	350	6.000	5.200
ZMY-RTC400	4"	—	2	400	6.810	5.750

\*Malleable iron materials are also available. Please add "M" to the Part Number while ordering

## Rigid Connectors

### Set Screw Type - Steel



#### Features

- Concrete tight when taped
- Threadless

#### Applications

- Used to join unthreaded Rigid or IMC conduit to steel outlet box or metal enclosure

#### Standard Material

- Steel

#### Standard Finish

- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMSSCN-050R	½"	20	200	13	1.398	0.886
ZMSSCN-075R	¾"	10	100	20	1.496	1.063
ZMSSCN-100R	1"	5	50	36	1.720	1.378
ZMSSCN-125R	1-¼"	5	50	64	1.890	1.700
ZMSSCN-150R	1-½"	—	12	92	2.126	1.992
ZMSSCN-200R	2"	—	12	117	2.056	2.429
ZMSSCN-250R	2-½"	—	5	14	3.000	3.750
ZMSSCN-300R	3"	—	3	13	3.125	4.250
ZMSSCN-350R	3-½"	—	2	13	3.187	4.750
ZMSSCN-400R	4"	—	2	13	3.437	5.312

## Rigid Couplings

### Set Screw Type - Steel



#### Features

- Compression type
- Concrete tight
- Threadless

#### Applications

- Used to join two lengths unthreaded Rigid or IMC conduit to steel outlet box or metal enclosure

#### Standard Material

- Steel

#### Standard Finish

- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMSSCP-050R	½"	10	100	16	1.799	0.875
ZMSSCP-075R	¾"	10	100	24	2.055	1.086
ZMSSCP-100R	1"	5	50	48	2.087	1.338
ZMSSCP-125R	1-¼"	5	50	86	2.512	1.732
ZMSSCP-150R	1-½"	—	12	125	2.563	1.990
ZMSSCP-200R	2"	—	5	160	2.350	2.422
ZMSSCP-250R	2-½"	—	5	260	5.750	3.930
ZMSSCP-300R	3"	—	3	300	5.720	4.660
ZMSSCP-350R	3-½"	—	2	350	6.000	5.200
ZMSSCP-400R	4"	—	2	400	6.810	5.750

\*Malleable iron materials are also available. Please add "M" to the Part Number while ordering



## Pull Elbows with Gasket

Rigid to Rigid



### Features

- Low conductivity, high corrosion resistance
- Smooth defect free interior and exterior

### Applications

- For a secure connection to EMT conduit; bend enables directional changes in conduit

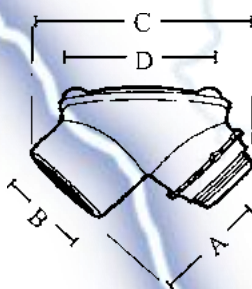
### Standard Material

- Galvanized steel

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)			
					A	B	C	D
ZMRTR-050	½"	10	100	28	1.310	1.090	2.500	1.780
ZMRTR-075	¾"	5	50	17	1.430	1.290	2.760	2.130
ZMRTR-100	1"	---	25	16	1.950	1.590	3.860	3.170
ZMRTR-125	1-¼"	---	20	18	2.260	1.970	4.560	3.250

## Pull Elbows with Gasket

Rigid to Box



### Features

- Rigid to Rigid
- Removable cover facilitates wire pulling
- Neoprene gasket

### Applications

- Indoor or outdoor use (Rigid only)
- Use as a wire pulling elbow to facilitate wire pulling through a sharp bend in a run of threaded Rigid or IMC conduit
- Can be used with EMT indoors only

### Standard Material

- Zinc die cast
- Neoprene gasket

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)			
					A	B	C	D
ZMRTB-050	½"	10	100	31	1.310	1.090	2.400	1.800
ZMRTB-075	¾"	5	50	18	1.470	1.290	2.660	2.140
ZMRTB-100	1"	---	25	21	2.800	1.600	3.660	3.160
ZMRTB-125	1-¼"	---	20	25	3.130	1.960	5.160	3.240

## Rigid Couplings

Three Piece Type

Die Cast Zinc / Malleable Iron / Steel



### Features

- For threaded Rigid or IMC conduit

### Applications

- Use as a threaded coupling between lengths of threaded Rigid or IMC conduit

### Standard Material

- Malleable iron / Die cast zinc / Steel

### Standard Finish

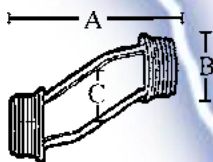
- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMTPU-050	½"	20	200	40	1.430	1.360
ZMTPU-075	¾"	10	100	30	1.630	1.580
ZMTPU-100	1"	5	50	23	1.810	1.890
ZMTPU-125	1-¼"	5	50	55	2.190	2.380
ZMTPU-150	1-½"	3	30	44	2.310	2.830
ZMTPU-200	2"	---	20	44	2.440	3.290
ZMTPU-250	2-½"	---	10	37	2.520	4.030
ZMTPU-300	3"	---	5	20	2.580	4.620
ZMTPU-350	3-½"	---	5	29	2.650	5.350
ZMTPU-400	4"	---	2	18	3.420	5.870
ZMTPU-500	5"	---	1	8	4.380	7.000
ZMTPU-600	6"	---	1	11	4.380	8.250

## Offset Nipples

¾" Offset

Zinc Die Cast



### Features

- Enables easier direction change of conduit

### Applications

- Indoor or outdoor use
- Use as an offset connector between two enclosures
- Offsets the axis of the raceways by ¾"

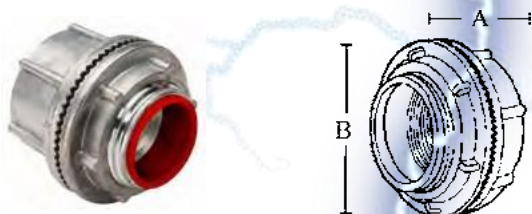
### Standard Material

- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)		
					A	B	C
ZMOFC-050R	½"	10	100	12	2.460	1.000	0.750
ZMOFC-075R	¾"	10	100	16	2.560	1.220	0.750
ZMOFC-100R	1"	10	100	22	2.560	1.525	0.750
ZMOFC-125R	1-¼"	5	50	17	2.910	1.910	0.750
ZMOFC-150R	1-½"	5	50	23	3.080	2.125	0.750
ZMOFC-200R	2"	2	20	13	3.145	2.665	0.750
ZMOFC-250R	2-½"	—	2	13	3.970	3.280	0.750
ZMOFC-300R	3"	—	2	6	4.420	3.795	0.750

## Watertight Conduit Hubs

Insulated Throat - Zinc Die Cast



### Features

- Flame-retardant insulated throat
- Rain, oil, and dust tight
- Oversized locknut prevents damage from vibrations and promotes positive grounding

### Applications

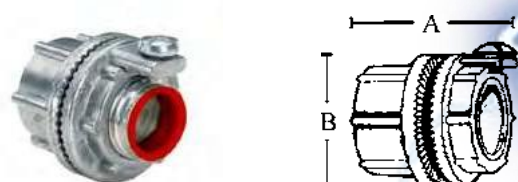
- Indoor or outdoor use
- Use to connect Rigid or IMC conduit to a load center or other metal enclosure where a watertight joint is required at knockouts or slip-fit holes

### Standard Material

- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMH-050	½"	25	250	49	1.299	1.339
ZMH-075	¾"	10	100	29	1.496	1.634
ZMH-100	1"	10	100	42	1.654	1.890
ZMH-125	1-¼"	2	20	12	1.811	2.303
ZMH-150	1-½"	2	20	15	1.772	2.559
ZMH-200	2"	2	10	9	1.909	3.150
ZMH-250	2-½"	—	5	8	2.126	3.858
ZMH-300	3"	—	5	9	2.579	4.291
ZMH-350	3-½"	—	5	11	2.440	4.880
ZMH-400	4"	---	1	3	2.677	5.394

## With Bonding Screw - Zinc Die Cast



### Features

- Flame-retardant insulated throat
- Rain, oil, and dust tight
- Oversized locknut prevents damage from vibrations and promotes positive grounding

### Applications

- Indoor or outdoor use
- Use to connect Rigid or IMC conduit to a load center or other metal enclosure where a watertight joint is required at knockouts or slip-fit holes

### Standard Material

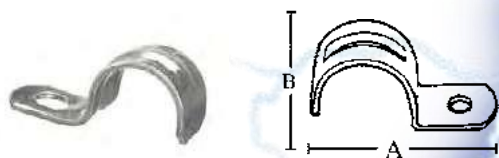
- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMH-050B	½"	25	250	53	1.299	1.339
ZMH-075B	¾"	10	100	30	1.496	1.634
ZMH-100B	1"	10	100	43	1.654	1.890
ZMH-125B	1-¼"	2	20	12	1.811	2.303
ZMH-150B	1-½"	2	20	15	1.772	2.559
ZMH-200B	2"	2	20	10	1.909	3.150
ZMH-250B	2-½"	—	2	8	2.126	3.858
ZMH-300B	3"	—	2	10	2.579	4.291
ZMH-350B	3-½"	—	1	13	2.440	4.880
ZMH-400B	4"	—	1	15	2.677	5.394

\*Malleable iron materials are also available. Please add "M" to the Part Number while ordering

## Rigid Straps

### Snap-On Type One Hole - Steel



#### Features

- Inverted rib for strength
- Easy to install

#### Applications

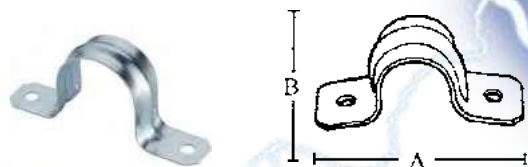
- Indoor or outdoor use
- Use to secure Rigid or IMC conduit to wood, masonry or where greater load bearing is required

#### Standard Material

- Steel

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMOSP-050R	½"	50	500	21	1.910	0.870
ZMOSP-075R	¾"	50	500	15	2.260	1.060
ZMOSP-100R	1"	25	250	25	2.560	1.300
ZMOSP-125R	1-¼"	20	200	20	2.790	1.730
ZMOSP-150R	1-½"	20	200	32	3.690	1.970
ZMOSP-200R	2"	10	100	22	4.170	2.280
ZMOSP-225R	2-¼"	—	50	21	4.970	2.910
ZMOSP-300R	3"	—	25	13	5.650	3.350
ZMOSP-350R	3-½"	—	25	18	6.300	4.130
ZMOSP-400R	4"	—	25	20	6.890	4.370
ZMOSP-500R	5"	—	10	5	9.000	1.500
ZMOSP-600R	6"	—	10	6	10.350	1.500

### Snap-On Type Two Hole - Steel



#### Features

- Greater load bearing capability
- Easy to install

#### Applications

- Indoor or outdoor use
- Use to secure Rigid or IMC conduit to wood, masonry or where greater load bearing is required

#### Standard Material

- Steel

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMTSP-050R	½"	50	500	13	2.520	0.870
ZMTSP-075R	¾"	50	500	16	2.910	1.060
ZMTSP-100R	1"	25	250	12	3.230	1.300
ZMTSP-125R	1-¼"	20	200	13	4.410	1.750
ZMTSP-150R	1-½"	10	100	12	4.490	1.970
ZMTSP-200R	2"	—	50	7	5.200	2.280
ZMTSP-250R	2-¼"	—	25	6	6.060	2.910
ZMTSP-300R	3"	—	25	7	6.750	3.580
ZMTSP-350R	3-½"	—	25	8	7.480	4.060
ZMTSP-400R	4"	—	25	7	8.270	4.570
ZMTSP-500R	5"	—	10	5	10.600	1.250
ZMTSP-600R	6"	—	10	6	11.850	1.250



## Rigid Straps

Snap-On Type - One Hole

Malleable Iron



### Features

- Inverted rib for strength

### Applications

- Indoor or outdoor use
- Use to secure Rigid or IMC conduit to wood, masonry or similar surfaces where greater load bearing is required
- To be used with clamp back

### Standard Material

- Malleable iron

### Standard Finish

- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)		
					A	B	C
ZMRSMI050	½"	100	1000	40	2.250	0.660	0.940
ZMRSMI075	¾"	50	500	25	2.560	0.750	1.220
ZMRSMI100	1"	25	250	20	3.060	0.810	1.500
ZMRSMI125	1-¼"	20	200	20	3.690	0.880	1.880
ZMRSMI150	1-½"	10	100	16	4.000	1.000	2.060
ZMRSMI200	2"	---	25	9	5.060	1.130	2.560
ZMRSMI250	2-½"	---	25	17	5.940	1.380	3.060
ZMRSMI300	3"	---	25	25	7.440	1.630	3.810
ZMRSMI350	3-½"	---	10	15	8.190	1.810	4.380
ZMRSMI400	4"	---	10	22	8.690	2.000	5.000
ZMRSMI500	5"	---	10	35	9.375	2.687	6.000
ZMRSMI600	6"	---	10	45	10.375	3.125	7.000

\*Back Spacers are also available. Please add "BS" to the Part Number while ordering

## Male Bushing

Die Cast Zinc / Malleable Iron



### Features

- Threaded NPSM for Rigid conduit and IMC
- Use with locknuts

### Applications

- Serves as a short raceway between enclosures

### Standard Material

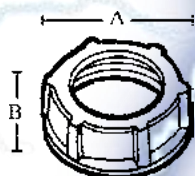
- Die cast zinc /Malleable iron

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMRMB050	½"	100	1000	5	0.680	1.020
ZMRMB075	¾"	50	500	7	0.750	1.290
ZMRMB100	1"	25	250	12	0.870	1.530
ZMRMB125	1-¼"	25	250	15	0.940	1.890
ZMRMB150	1-½"	25	250	22	0.910	2.300
ZMRMB200	2"	10	40	35	1.070	2.880
ZMRMB250	2-½"	10	40	76	1.380	3.390
ZMRMB300	3"	10	40	101	1.440	4.060
ZMRMB350	3-½"	10	40	124	1.470	4.610
ZMRMB400	4"	5	20	200	1.470	5.150

\*For Malleable materials, Please add "M" to the Part Number while ordering

## Conduit Bushing

Non-insulated / Zinc Die Cast



### Features

- Rounded surface of the bushing prevents damage to wire insulation

### Applications

- Indoor or outdoor use
- Use with locknut to terminate threaded Rigid or IMC conduit to an outlet box

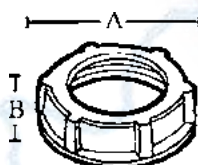
### Standard Material

- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMCB-050	½"	100	1000	30	0.950	0.350
ZMCB-075	¾"	100	1000	50	1.100	0.390
ZMCB-100	1"	50	500	30	1.460	0.430
ZMCB-125	1-¼"	25	250	25	1.840	0.470
ZMCB-150	1-½"	25	250	38	2.090	0.510
ZMCB-200	2"	25	100	17	2.570	0.550
ZMCB-250	2-½"	10	100	36	3.130	0.630
ZMCB-300	3"	---	10	5	3.770	0.790
ZMCB-350	3-½"	---	10	6	4.359	0.850
ZMCB-400	4"	---	10	7	4.800	0.810
ZMCB-500	5"	---	5	---	6.150	1.300
ZMCB-600	6"	---	5	---	7.250	1.300

## Rigid Bushings

Insulated - 105°C Thermoplastic Liner - Die Cast Zinc



### Features

- Liner is rated flame retardant to 105°C

### Applications

- Indoor or outdoor use
- Use with locknut to terminate Rigid or IMC conduit to an outlet box
- Plastic liner prevents damage to wire insulation

### Standard Material

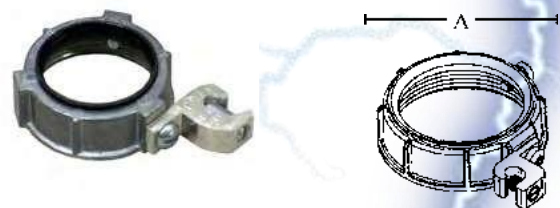
- Zinc die cast
- Plastic insulator

Catalog Number	Size	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
					A	B
ZMCB-050I	½"	100	1000	30	0.950	0.350
ZMCB-075I	¾"	50	500	20	1.100	0.390
ZMCB-100I	1"	50	500	40	1.460	0.430
ZMCB-125I	1-¼"	25	250	25	1.840	0.470
ZMCB-150I	1-½"	25	250	30	2.090	0.510
ZMCB-200I	2"	—	100	14	2.570	0.550
ZMCB-250I	2-½"	—	50	20	3.130	0.630
ZMCB-300I	3"	—	25	12	3.770	0.790
ZMCB-350I	3-½"	—	25	14	4.359	0.866
ZMCB-400I	4"	—	10	6	4.800	0.810
ZMCB-500I	5"	---	5	10	6.150	1.300
ZMCB-600I	6"	---	5	12	7.250	1.125

\*Malleable iron materials are also available. Please add "M" to the Part Number while ordering

## Insulated Metallic Grounding Bushings

With Aluminum Lay-In Lug - Zinc Die Cast

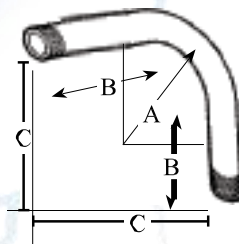


Catalog Number	Size	Grounding Lug Wire Size		Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	
		Min.	Max.				A	B
ZMCB-050G	½"	14	4	50	500	30	0.950	0.350
ZMCB-075G	¾"	14	4	50	500	35	1.100	0.390
ZMCB-100G	1"	14	4	25	250	23	1.460	0.430
ZMCB-125G	1-¼"	14	4	20	200	26	1.840	0.470
ZMCB-150G	1-½"	14	4	10	100	16	2.090	0.510
ZMCB-200G	2"	14	4	10	100	21	2.570	0.550
ZMCB-250G	2-½"	14	1/0	—	50	20	3.130	0.630
ZMCB-300G	3"	14	1/0	—	50	29	3.770	0.790
ZMCB-350G	3-½"	14	1/0	—	10	15	4.359	0.866
ZMCB-400G	4"	14	1/0	—	10	15	4.800	0.810
ZMCB-500G	5"	6	250MCM	—	10	25	6.150	1.300
ZMCB-600G	6"	6	250MCM	---	10	35	7.250	1.125

\*Malleable iron materials are also available. Please add "M" to the Part Number while ordering

## Rigid Elbows

90° - Galvanized Steel



### Features

- Low conductivity, high corrosion resistance
- Smooth defect free interior and exterior

### Applications

- For a secure connection to Rigid conduit; bend enables directional changes in conduit

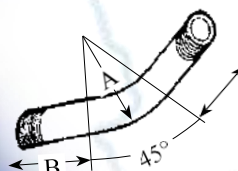
### Standard Material

- Galvanized steel

Catalog Number	Size	Ship Case	Weight/ Case	(A) Min. UL Radius	(B) Straight Leg Each End	(C) Offset
ZM8344	½"	50	40	4.00	2.875	6.343
ZM8345	¾"	50	54	4.50	2.875	6.781
ZM8346	1"	20	40	5.750	3.000	8.901
ZM8347	1-¼"	20	60	7.250	3.250	10.250
ZM8348	1-½"	10	42	8.250	3.625	11.937
ZM8349	2"	10	68	9.50	4.187	14.031
ZM8350	2-½"	1	13	10.50	5.250	16.000
ZM8351	3"	1	18	13.00	5.812	18.947
ZM8352	3-½"	1	26	15.00	6.750	22.218
ZM8353	4"	1	33	16.00	6.937	23.437
ZM8354	5"	1	45	24.00	11.120	36.156
ZM8355	6"	1	48	30.00	12.437	41.460

## Rigid Elbows

45° - Galvanized Steel



### Features

- Low conductivity, high corrosion resistance
- Smooth defect free interior and exterior

### Applications

- For a secure connection to Rigid conduit; bend enables directional changes in conduit

### Standard Material

- Galvanized steel

Catalog Number	Size	Ship Case	Weight/ Case	(A) Min. UL Radius	(B) Straight Leg Each End
ZM8356	½"	50	26	4.000	2.875
ZM8357	¾"	50	38	4.500	2.875
ZM8358	1"	35	45	5.750	3.000
ZM8359	1-¼"	30	60	7.250	3.250
ZM8360	1-½"	15	45	8.250	3.625
ZM8361	2"	15	68	9.500	4.187
ZM8362	2-½"	1	8	10.500	5.250
ZM8363	3"	1	13	13.000	5.812
ZM8364	3-½"	1	16	15.000	6.750
ZM8365	4"	1	22	16.000	6.937
ZM8366	5"	1	45	24.000	8.125
ZM8367	6"	1	71	30.000	13.250



## Conduit Nipples

### Galvanized Steel



#### Features

- NPT thread
- High corrosion resistance

#### Applications

- Use to extend a length of threaded Rigid or IMC conduit
- Standard Material
- Galvanized steel

Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP050112	½"	1-½	25
ZMRNP050200	½"	2	25
ZMRNP050212	½"	2-½	25
ZMRNP050300	½"	3	25
ZMRNP050312	½"	3-½	25
ZMRNP050400	½"	4	25
ZMRNP050500	½"	5	25
ZMRNP050600	½"	6	25
ZMRNP050800	½"	8	1
ZMRNP0501000	½"	10	1
ZMRNP0501200	½"	12	1

### Rigid Closed Nipples



Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP075112	¾"	1-½	25
ZMRNP075200	¾"	2	25
ZMRNP075212	¾"	2-½	25
ZMRNP075300	¾"	3	25
ZMRNP075312	¾"	3-½	25
ZMRNP075400	¾"	4	25
ZMRNP075500	¾"	5	25
ZMRNP075600	¾"	6	25
ZMRNP075800	¾"	8	1
ZMRNP0751000	¾"	10	1
ZMRNP0751200	¾"	12	1

Catalog Number	Size	Ship Case
ZMCNP050	½"	25
ZMCNP075	¾"	25
ZMCNP100	1"	25
ZMCNP125	1-¼"	25
ZMCNP150	1-½"	25
ZMCNP200	2"	25
ZMCNP250	2-½"	1
ZMCNP300	3"	1
ZMCNP350	3-½"	1
ZMCNP400	4"	1
ZMCNP500	5"	1
ZMCNP600	6"	1

Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP100200	1"	2	25
ZMRNP100212	1"	2-½	25
ZMRNP100300	1"	3	25
ZMRNP100312	1"	3-½	25
ZMRNP100400	1"	4	25
ZMRNP100500	1"	5	25
ZMRNP100600	1"	6	25
ZMRNP100800	1"	8	1
ZMRNP1001000	1"	10	1
ZMRNP1001200	1"	12	1

## Conduit Nipples

Galvanized Steel



Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP125200	1-¼"	2	25
ZMRNP125212	1-¼"	2-½	25
ZMRNP125300	1-¼"	3	25
ZMRNP125312	1-¼"	3-½	25
ZMRNP125400	1-¼"	4	25
ZMRNP125500	1-¼"	5	25
ZMRNP125600	1-¼"	6	25
ZMRNP125800	1-¼"	8	1
ZMRNP1251000	1-¼"	10	1
ZMRNP1251200	1-¼"	12	1

Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP150200	1-½"	2	25
ZMRNP150212	1-½"	2-½	25
ZMRNP150300	1-½"	3	25
ZMRNP150312	1-½"	3-½	25
ZMRNP150400	1-½"	4	25
ZMRNP150500	1-½"	5	25
ZMRNP150600	1-½"	6	25
ZMRNP150800	1-½"	8	1
ZMRNP1501000	1-½"	10	1
ZMRNP1501200	1-½"	12	1

Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP200212	2"	2-½	25
ZMRNP200300	2"	3	25
ZMRNP200312	2"	3-½	25
ZMRNP200400	2"	4	25
ZMRNP200500	2"	5	25
ZMRNP200600	2"	6	25
ZMRNP200800	2"	8	1
ZMRNP2001000	2"	10	1
ZMRNP2001200	2"	12	1

Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP250300	2-½"	3	1
ZMRNP250312	2-½"	3-½	1
ZMRNP250400	2-½"	4	1
ZMRNP250500	2-½"	5	1
ZMRNP250600	2-½"	6	1
ZMRNP250800	2-½"	8	1
ZMRNP2501000	2-½"	10	1
ZMRNP2501200	2-½"	12	1

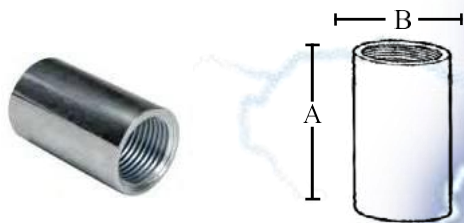
Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP300300	3"	3	1
ZMRNP300312	3"	3-½	1
ZMRNP300400	3"	4	1
ZMRNP300500	3"	5	1
ZMRNP300600	3"	6	1
ZMRNP300800	3"	8	1
ZMRNP3001000	3"	10	1
ZMRNP3001200	3"	12	1

Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP350400	3-½"	4	1
ZMRNP350500	3-½"	5	1
ZMRNP350600	3-½"	6	1
ZMRNP350800	3-½"	8	1
ZMRNP3501000	3-½"	10	1
ZMRNP3501200	3-½"	12	1

Catalog Number	Size	Length Inches	Weight/ Case
ZMRNP400400	4"	4	1
ZMRNP400500	4"	5	1
ZMRNP400600	4"	6	1
ZMRNP400800	4"	8	1
ZMRNP4001000	4"	10	1
ZMRNP4001200	4"	12	1

## Rigid Couplings

### Tubular Threaded Type - Galvanized Steel



#### Features

- NPSM thread type Applications
- Indoor or outdoor use
- Use to join and ensure proper alignment of threaded Rigid or IMC conduit

#### Standard Material

- Steel Standard Finish
- Zinc plated

Catalog Number	Size	Threads Per Inch	Ship Case	Weight / Case	Dimension (in)	
					A	B
ZM0324	½"	14	100	.12	1.570	1.020
ZM0325	¾"	14	50	.17	1.650	1.260
ZM0326	1"	11-½	30	.29	1.970	1.540
ZM0327	1-¼"	11-½	25	.38	2.050	1.890
ZM0328	1-½"	11-½	25	.53	2.050	2.170
ZM0329	2"	11-½	20	.70	2.360	2.680
ZM0330	2-½"	8	12	1.80	3.150	3.270
ZM0331	3"	8	8	2.26	3.350	3.860
ZM0332	3-½"	8	4	3.50	3.540	4.490
ZM0333	4"	8	4	3.13	3.540	4.880
ZM0334	5"	8	2	4.75	3.860	5.980
ZM0335	6"	8	1	7.65	4.250	7.090

## Rigid Locknuts

Zinc Die Cast

### Features

- Tightens without deformation
- Serrated teeth prevent loosening from vibrations

### Applications

- Affixes Rigid conduit to an electrical box or other metal enclosure
- To connect externally threaded conduit connector to a threadless opening in a box or enclosure

### Standard Material

- Zinc die cast



Catalog Number	Size	Threads Per Inch	Unit Carton	Ship Case	Weight/ Case	Dimensions (in) A                      B	Thread Pitch Diameter
ZMZLN-050	½"	14	200	2000	20	1.120                      0.150	0.787 - 0.797
ZMZLN-075	¾"	14	100	1000	20	1.330                      0.150	0.999- 1.009
ZMZLN-100	1"	11-½	100	1000	20	1.680                      0.190	1.250 - 1.260
ZMZLN-125	1-¼"	11-½	50	500	20	2.150                      0.190	1.595 - 1.605
ZMZLN-150	1-½"	11-½	50	500	20	2.350                      0.190	1.837 - 1.847
ZMZLN-200	2"	11-½	50	200	12	2.890                      0.190	2.307 - 2.317
ZMZLN-250	2-½"	8	25	100	13	3.430                      0.250	2.777 - 2.788
ZMZLN-300	3"	8	25	100	18	4.120                      0.250	3.403 - 3.414
ZMZLN-350	3-½"	8	10	40	13	4.670                      0.270	3.892 - 3.904
ZMZLN-400	4"	8	10	40	15	5.250                      0.270	4.399 - 4.411

## Rigid Locknuts

Steel

### Features

- Tightens without deformation

### Applications

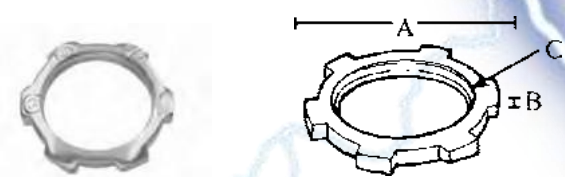
- To connect externally threaded conduit connector to a threadless opening in a box or enclosure

### Standard Material

- Steel

### Standard Finish

- Zinc plated

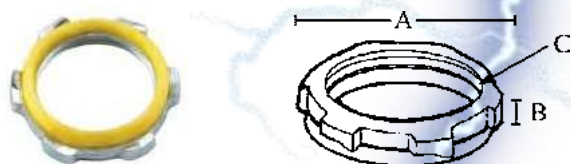


Catalog Number	Size	Threads Per Inch	Unit Carton	Ship Case	Weight/ Case	Dimensions (in)	Thread Pitch Diameter
ZMLN-050	½"	14	100	2000	20	1.150 A 0.110 B	0.787-0.797
ZMLN-075	¾"	14	100	1000	20	1.450	0.999-1.009
ZMLN-100	1"	11-½	100	1000	30	1.750	1.250-1.260
ZMLN-125	1-¼"	11-½	50	500	20	2.100	1.595-1.605
ZMLN-150	1-½"	11-½	50	500	30	2.400	1.837-1.847
ZMLN-200	2"	11-½	25	250	20	2.950	2.307-2.317
ZMLN-250	2-½"	8	—	50	6	3.550	2.777-2.788
ZMLN-300	3"	8	—	50	9	3.550	3.403-3.414
ZMLN-350	3-½"	8	—	25	6	4.200	3.892-3.904
ZMLN-400	4"	8	—	25	7	4.750	4.399-4.411
ZMLN-500	5"	8	—	10	5	6.670	5.488-5.500
ZMLN-600	6"	8	—	10	8	7.930	6.545-6.557



## Sealing Locknuts

Steel



### Features

- Zinc plated with PVC molded gasket for a watertight seal

### Applications

- Indoor or outdoor use
- Use to secure Rigid, IMC conduit or various threaded fittings to a steel outlet box or other metal enclosures, when moisture proof protection is required

### Standard Material

- Steel

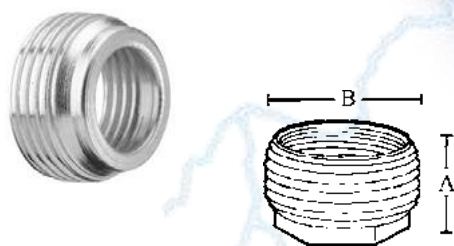
### Standard Finish

- Zinc plated
- PVC gasket

Catalog Number	Size	Threads Per Inch	Unit Carton	Ship Case	Weight/Case	Dimensions (in)	Thread Pitch Diameter
ZMLN-050S	½"	14	50	500	10	1.120 A 0.260 B	0.787-0.797
ZMLN-075S	¾"	14	50	500	16	1.370 A 0.270 B	0.999-1.009
ZMLN-100S	1"	11-½	25	250	4	1.750 A 0.280 B	1.250-1.260
ZMLN-125S	1-¼"	11-½	10	100	8	2.060 A 0.320 B	1.595-1.605
ZMLN-150S	1-½"	11-½	10	100	8	2.370 A 0.320 B	1.837-1.847
ZMLN-200S	2"	11-½	10	100	12	2.870 A 0.320 B	2.307-2.317
ZMLN-250S	2-½"	8	---	25	5	3.430 A 0.320 B	2.777-2.788
ZMLN-300S	3"	8	---	25	5	4.120 A 0.320 B	3.403-3.414
ZMLN-350S	3-½"	8	---	25	6	4.620 A 0.320 B	3.892-3.904
ZMLN-400S	4"	8	---	25	6	5.180 A 0.320 B	4.399-4.411
ZMLN-500S	5"	8	---	5	6	6.670 A 0.500 B	5.488-5.500
ZMLN-600S	6"	8	---	5	10	7.830 A 0.520 B	6.545-6.557

## Reducing Bushings

Steel / Die Cast Zinc



### Features

- Rounded bushing protects conductor

### Applications

- Dry location use only
- Use to reduce the entry size of a run of threaded conduit

### Standard Material

- Steel

### Standard Finish

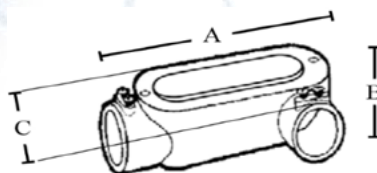
- Zinc plated

Catalog Number	Size	Ship Case	Weight/Case	Dimensions (in)	
				A	B
ZMRB75/50	¾" x ½"	100	4	0.650	0.920
ZMRB100/50	1" x ½"	50	6	0.715	1.125
ZMRB100/75	1" x ¾"	50	3	0.715	1.125
ZMRB125/50	1-¼" x ½"	25	7	0.820	1.470
ZMRB125/75	1-¼" x ¾"	25	6	0.820	1.470
ZMRB125/100	1-¼" x 1"	25	4	0.820	1.470
ZMRB150/150	1-½" x ½"	25	10	0.850	1.700
ZMRB150/75	1-½" x ¾"	25	9	0.850	1.700
ZMRB150/100	1-½" x 1"	25	7	0.850	1.700
ZMRB150/125	1-½" x 1-¼"	25	3	0.850	1.700
ZMRB200/50	2" x ½"	10	5	0.970	2.230
ZMRB200/75	2" x ¾"	10	8	0.970	2.230
ZMRB200/100	2" x 1"	10	7	0.970	2.230
ZMRB200/125	2" x 1-¼"	10	5	0.970	2.230
ZMRB200/150	2" x 1-½"	10	4	0.970	2.230
ZMRB250/100	2-½" x 1"	10	9	1.563	2.750
ZMRB250/125	2-½" x 1-¼"	10	9	2.090	2.845
ZMRB250/150	2-½" x 1-½"	10	8	1.125	2.820
ZMRB250/200	2-½" x 2"	10	5	1.200	3.485

# CONDUIT BODIES



## Conduit Bodies with Cover & Gasket Combination (EMT/IMC/RIGID) LL Type



### Features

- Set screw and threaded LL type with cover and gasket
- Suitable for use in concrete
- NPT Tapered hubs
- NEMA FB1 rated for wet locations use with threaded rigid metal conduit only

### Applications

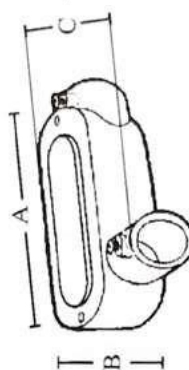
- Provides access to conductors for pulling, splicing and maintenance pulling, splicing and maintenance

### Standard Material

- Copper free aluminum die cast
- Steel screws standard finish
- Powder coat

Catalog Number	Size	Wire Size		Unit Carton	Ship Case	Weight / Case	Dimensions (in)		
		Max. Number	Max. Size				A	B	C
ZMLL-050	½"	2	6AWG	10	100	36	4.296	1.310	2.060
ZMLL-075	¾"	2	6AWG	10	50	23	5.090	1.625	2.330
ZMLL-100	1"	3	6AWG	5	25	18	5.915	1.900	2.650
ZMLL-125	1-¼"	3	2AWG	2	10	14	7.894	2.770	3.385
ZMLL-150	1-½"	3	2AWG	2	10	16	7.894	2.770	3.385
ZMLL-200	2"	3	2/0AWG	1	5	14	10.134	3.335	3.810
ZMLL-250	2-½"	3	4/0AWG	—	1	6	12.500	5.437	4.450
ZMLL-300	3"	3	250MCM	—	1	6	12.500	5.657	4.450
ZMLL-350	3-½"	3	350MCM	—	1	8	15.500	6.922	5.500
ZMLL-400	4"	4	350MCM	—	1	8	15.500	6.922	5.500

## Combination (EMT/IMC/RIGID) LR Type



### Features

- Set screw and threaded LR type
- Suitable for use in concrete
- NPT Tapered hubs
- NEMA FB1 rated for wet locations use with threaded rigid metal conduit only

### Applications

- Provides access to conductors for pulling, splicing and maintenance

### Standard Material

- Copper free aluminum die cast
- Steel screws

### Standard Finish

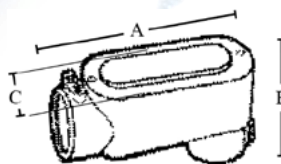
- Powder coat

Catalog Number	Size	Wire Size		Unit Carton	Ship Case	Weight / Case	Dimensions (in)		
		Max. Number	Max. Size				A	B	C
ZMLR-050	½"	2	6AWG	10	100	36	4.295	1.310	2.060
ZMLR-075	¾"	2	6AWG	10	50	28	5.090	1.625	2.330
ZMLR-100	1"	3	6AWG	5	25	17	5.915	1.900	2.650
ZMLR-125	1-¼"	3	2AWG	2	10	15	7.894	2.770	3.385
ZMLR-150	1-½"	3	2AWG	2	10	18	7.894	2.770	3.385
ZMLR-200	2"	3	2/0AWG	1	5	14	10.134	3.335	3.810
ZMLR-250	2-½"	3	4/0AWG	—	1	7	12.500	5.437	4.450
ZMLR-300	3"	3	250MCM	—	1	7	12.500	5.657	4.450
ZMLR-350	3-½"	3	350MCM	—	1	10	15.500	6.922	5.500
ZMLR-400	4"	4	350MCM	—	1	10	15.500	6.922	5.500

## Conduit Bodies With Cover and Gasket

Combination (EMT/IMC/RIGID)

LB Type



### Features

- Set screw and threaded LB type with cover and gasket
- Suitable for use in concrete
- NPT Tapered hubs
- NEMA FB1 rated for wet locations use with threaded rigid metal conduit only

### Applications

- Provides access to conductors for pulling, splicing and maintenance

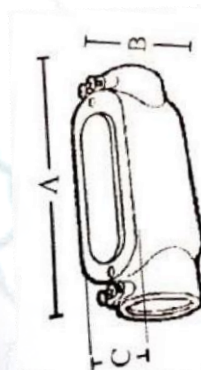
### Standard Material

- Copper free aluminum die cast
- Steel screws **standard finish**
- Powder coat

Catalog Number	Size	Wire Size		Unit Carton	Ship Case	Weight / Case	Dimensions (in)		
		Max. Number	Max. Size				A	B	C
ZMLB-050	½"	2	6AWG	10	100	29	4.560	2.060	1.310
ZMLB-075	¾"	2	6AWG	10	50	23	5.090	2.430	1.540
ZMLB-100	1"	3	6AWG	5	25	19	5.915	2.765	1.740
ZMLB-125	1-¼"	3	2AWG	2	10	14	7.894	3.665	2.490
ZMLB-150	1-½"	3	2AWG	2	10	15	7.894	3.665	2.490
ZMLB-200	2"	3	2/0AWG	1	5	14	10.134	4.275	3.100
ZMLB-250	2-½"	3	2/0AWG	—	1	7	12.500	5.437	4.450
ZMLB-300	3"	3	4/0AWG	—	1	7	12.500	5.657	4.450
ZMLB-350	3-½"	3	500MCM	—	1	10	15.500	6.922	5.500
ZMLB-400	4"	3	500MCM	—	1	10	15.500	6.922	5.500

Combination (EMT/IMC/RIGID)

C Type



### Features

- Suitable Set screw and threaded C type with cover and gasket for use in concrete
- NPT Tapered hubs
- NEMA FB1 rated for wet locations use with threaded rigid metal conduit only

### Applications

- Provides access to conductors for pulling, splicing and maintenance

### Standard Material

- Copper free aluminum die cast
- Steel screws

### Standard Finish

- Powder coat

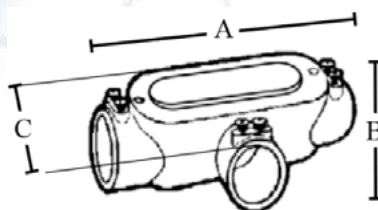
Catalog Number	Size	Wire Size		Unit Carton	Ship Case	Weight / Case	Dimensions (in)		
		Max. Number	Max. Size				A	B	C
ZMC-050	½"	2	6AWG	5	100	30	4.720	1.370	1.330
ZMC-075	¾"	2	6AWG	5	50	21	5.570	1.625	1.540
ZMC-100	1"	3	6AWG	5	25	25	6.460	1.900	15.500
ZMC-125	1-¼"	3	2AWG	5	25	15	8.528	2.770	2.490
ZMC-150	1-½"	3	2AWG	5	10	17	8.528	2.770	2.490
ZMC-200	2"	3	2/0AWG	1	5	13	10.831	3.335	3.100
ZMC-250	2-½"	3	4/0AWG	—	1	6	13.000	4.063	5.709
ZMC-300	3"	3	250MCM	—	1	6	12.500	4.682	5.506
ZMC-350	3-½"	3	350MCM	—	1	8	—	5.452	6.171
ZMC-400	4"	4	350MCM	—	1	8	15.500	5.452	6.171



## Conduit Bodies With Cover and Gasket

Combination (EMT/IMC/RIGID)

T Type



### Features

- Suitable Set screw and threaded T type with cover and gasket for use in concrete
- NPT Tapered hubs
- NEMA FB1 rated for wet locations use with threaded rigid metal conduit only

### Applications

- Provides access to conductors for pulling, splicing and maintenance

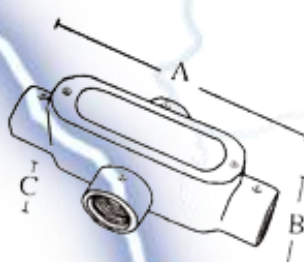
### Standard Material

- Copper free aluminum die cast
- Steel screws
- standard finish
- Powder coat

Catalog Number	Size	Wire Size		Unit Carton	Ship Case	Weight / Case	Dimensions (in)		
		Max. Number	Max. Size				A	B	C
ZMT-050	½"	1	6AWG	10	100	38	4.720	1.370	2.060
ZMT-075	¾"	2	6AWG	10	50	30	5.570	1.625	2.335
ZMT-100	1"	3	6AWG	10	100	20	6.460	1.900	2.705
ZMT-125	1-¼"	3	2AWG	2	10	19	8.528	2.770	3.630
ZMT-150	1-½"	3	2AWG	2	10	21	8.528	2.770	3.630
ZMT-200	2"	3	2/0AWG	—	2	5	10.831	3.335	3.980
ZMT-250	2-½"	3	4/0AWG	—	1	8	13.500	4.060	5.825
ZMT-300	3"	3	250MCM	—	1	8	13.500	4.685	5.825
ZMT-350	3-½"	3	350MCM	—	1	11	15.937	5.450	7.060
ZMT-400	4"	3	350MCM	—	1	11	15.937	5.450	7.060

Combination (EMT/IMC/RIGID)

X Type



### Features

- Suitable Set screw and threaded X type with cover and gasket for use in concrete
- NPT Tapered hubs
- NEMA FB1 rated for wet locations use with threaded rigid metal conduit only

### Applications

- Provides access to conductors for pulling, splicing and maintenance

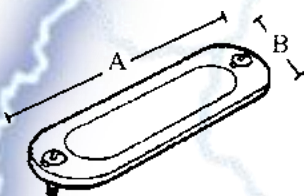
### Standard Material

- Copper free aluminum die cast
- Steel screws
- Standard Finish
- Powder coat

Catalog Number	Size	Wire Size		Unit Carton	Ship Case	Weight / Case	Dimensions (in)		
		Max. Number	Max. Size				A	B	C
ZMX-050	½"	2	6AWG	5	50	20	4.750	2.690	1.850
ZMX-075	¾"	2	6AWG	5	25	16	5.500	3.000	1.880
ZMX-100	1"	3	6AWG	2	10	7	6.500	3.500	2.150
ZMX-125	1-¼"	3	2AWG	1	5	9	8.250	4.500	2.750
ZMX-150	1-½"	3	2AWG	1	5	10	8.250	4.500	2.750
ZMX-200	2"	3	2/0AWG	1	2	6	10.500	5.380	3.630
ZMX-250	2-½"	3	4/0AWG	—	1	8	13.500	5.380	5.825
ZMX-300	3"	3	250MCM	—	1	8	13.000	5.450	5.825
ZMX-350	3-½"	3	350MCM	—	1	11	15.950	5.450	7.060
ZMX-400	4"	4	350MCM	—	1	11	15.950	5.450	7.060

## Conduit Body Covers

Zinc Plated Steel with Screws



### Features

- Domed design allows for additional wiring space
- Includes screws

### Applications

- Designed for use with ITCC Conduit Bodies; interchangeable with all major brands

### Standard Material

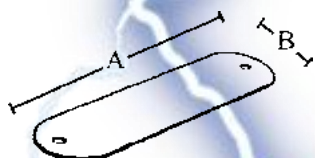
- Steel

### Standard Finish

- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight / Case	Dimensions (in)	
					A	B
ZMCF-050	½"	25	250	15	3.875	1.310
ZMCF-075	¾"	25	250	20	4.625	1.520
ZMCF-100	1"	10	100	8	5.315	1.710
ZMCF-125 & ZMCF-150	1-¼" - 1-½"	...	25	4	7.240	2.510
ZMCF-200	2"	...	25	7	9.484	3.110
ZMCF-250 & ZMCF-300	2-½" - 3"	...	10	7	12.187	4.440
ZMCF-350 & ZMCF-400	3-½" - 4"	...	5	9	14.937	5.500

## Conduit Body Gaskets



### Features

- Provides dust proof seal between conduit body and cover to protect from hazardous elements
- Fits all Form 5 LB, LL, LR, C and T type conduit bodies and covers

### Applications

- For use with ITCC Conduit Bodies ½" - 4"

### Standard Material

- Neoprene

Catalog Number	Size	Unit Carton	Ship Case	Weight / Case	Dimensions (in)	
					A	B
ZMGF-050	½"	50	500	1	3.935	1.360
ZMGF-075	¾"	50	500	1	4.600	1.550
ZMGF-100	1"	25	500	2	5.370	1.760
ZMGF-125 & ZMGF-150	1-¼" - 1-½"	25	500	2	7.250	2.500
ZMGF-200	2"	25	250	2	9.500	3.070
ZMGF-250 & ZMGF-300	2-½" - 3"	10	100	2	12.125	4.360
ZMGF-350 & ZMGF-400	3-½" - 4"	5	50	2	14.812	5.400

# MISCELLANEOUS ACCESSORIES



**Greenlee Bender**

Aluminum Conduit Benders



**Features**

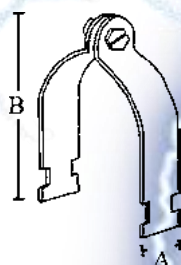
- Lightweight aluminum construction for easy handling
- Heat treated for extra strength-reinforced at stress points for longer life
- Precision-located degree scale, star, arrow and rim notch for perfect bends everytime
- Markings are raised and cast into . bender body on both sides for easy visibility
- Deeply serrated step helps prevent slippage when applying maximum leverage
- Grooved internal hook surface helps prevent conduit from slipping
- Flat hok surface provides stable starting point.

Catalog Number	Conduit Type & Size
ZMACB-050H	½" EMT
ZMACB-075H	¾" EMT, ½" IMC / RIGID
ZMACB-100H	1" EMT, ¾" IMC / RIGID
ZMACB-125H	1 ¼" EMT, 1" IMCI / RIGID



## Universal Strut Clamps

### EMT and Rigid



#### Features

- For use with EMT/Rigid and IMC conduit
- All screws - 5/16" x 1-1/4" slotted hex head

#### Applications

- Used to support stationary pipe and tubing lines from strut channel

#### Standard Material

- Steel

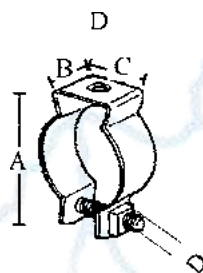
#### Standard Finish

- Zinc plated

Catalog Number	Size	Ship Case	Weight/Case	Dimensions (in)	
				A	B
ZMSC-050U	1/2"	100	19	1.240	2.230
ZMSC-075U	3/4"	100	21	1.240	2.420
ZMSC-100U	1"	100	23	1.240	2.770
ZMSC-125U	1-1/4"	100	26	1.240	3.090
ZMSC-150U	1-1/2"	50	26	1.240	3.380
ZMSC-200U	2"	50	31	1.240	3.770
ZMSC-250U	2-1/2"	50	32	1.240	4.470
ZMSC-300U	3"	25	18	1.240	5.080
ZMSC-350U	3-1/2"	25	21	1.240	5.740
ZMSC-400U	4"	25	25	1.240	6.300

## Conduit Hangers

### With Bolt & Nut Attached - Steel



#### Features

- Assembled with nut and bolt

#### Applications

- Indoor or outdoor use
- Use to secure and suspend conduit from overhead supports

#### Standard Material

- Steel

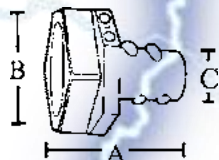
#### Standard Finish

- Zinc plated

Catalog Number	Size	For Rigid & EMT	Bolt Size	Ship Case	Weight/Case	Dimensions (in)			
						A	B	C	D
ZMHAN050	0	1/2"	1/4" - 20	100	6	1.960	0.750	0.725	0.250
ZMHAN075	1	3/4"	1/4" - 20	100	8	2.160	0.750	0.850	0.250
ZMHAN100	2	1"	1/4" - 20	100	8	2.490	0.870	0.975	0.250
ZMHAN125	3	1-1/4"	1/4" - 20	100	10	2.490	0.870	0.975	0.250
ZMHAN150	4	1-1/2"	1/4" - 20	100	18	3.470	0.980	1.125	0.250
ZMHAN200	5	2"	1/4" - 20	50	10	3.990	0.980	1.145	0.250
ZMHAN250	6	2-1/2"	5/16" - 18	50	11	5.170	1.260	1.225	0.312
ZMHAN300	7	3"	5/16" - 18	25	6	5.600	1.260	1.275	0.312
ZMHAN350	8	3-1/2"	5/16" - 18	25	8	5.750	1.250	1.275	0.312
ZMHAN400	9	4"	5/16" - 18	25	12	6.960	1.260	1.275	0.312

## Combination Couplings

### Screw In Type - EMT Compression to Flex - Zinc Die Cast



#### Features

- Screw in to compression type
- Combination coupling used to join flexible metal conduit to EMT

#### Applications

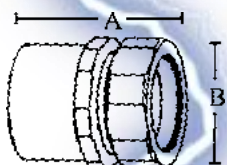
- Indoor use only
- Use to join EMT conduit to flexible metallic conduit
- Suitable for: ½" steel, steel reduced wall, and aluminum flexible metal conduit to EMT, ¾"-1" flexible metal conduit to EMT

#### Standard Material

- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/Case	Dimensions (in)		
					A	B	C
ZMCPEF050	½" - ½"	50	500	40	1.66	1.000	0.723
ZMCPEF075	¾" - ¾"	25	250	28	1.68	1.180	0.931
ZMCPEF100	1" - 1"	25	250	58	1.895	1.625	1.070

### Compression Type EMT to Rigid - Steel



#### Features

- Internally threaded for Rigid/IMC conduit
- Compression type EMT
- Raintight

#### Applications

- Indoor use only
- Use to join Rigid/IMC conduit to EMT between 2 different raceways
- Coupling internally threaded for Rigid/IMC
- Compression type for EMT, concrete tight

#### Standard Material

- Steel

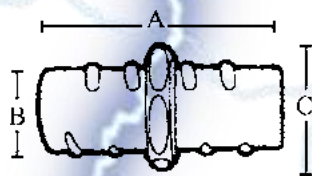
#### Standard Material

- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/Case	Dimensions (in)	
					A	B
ZMCPER050	½"	20	200	31	1.100	1.570
ZMCPER075	¾"	10	100	21	1.330	1.620
ZMCPER100	1"	10	100	30	1.630	1.820

## Flex Couplings

### Screw In Type



#### Features

- Screw in coupling

#### Applications

- Indoor use only
- Use to join two pieces of flexible metallic conduit

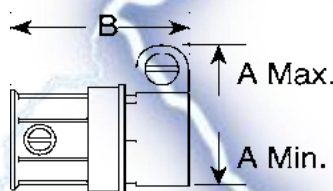
#### Standard Material

- Zinc die cast

Catalog Number	Conduit Size	Unit Carton	Ship Case	Weight/Case	Dimensions (in)		
					A	B	C
ZMCPFF050	½"	50	500	30	1.80	0.92	1.062
ZMCPFF075	¾"	25	250	23	2.09	1.12	1.372
ZMCPFF100	1"	25	250	38	2.41	1.37	1.687
ZMCPFF125	1-¼"	10	100	25	2.74	1.81	2.125
ZMCPFF150	1-½"	10	40	16	3.05	2.12	2.375
ZMCPFF200	2"	10	40	24	3.27	2.67	2.937

## Combination Couplings

### Set Screw Type - EMT to Flex



#### Features

- Set screw type
- EMT to flex combination coupling
- UL listed

#### Applications

- Indoor use only
- Use to join EMT conduit to flexible metal conduit

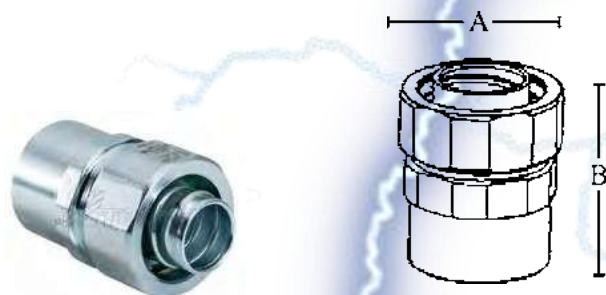
#### Standard Material

- Zinc die cast

Catalog Number	Size	Unit Carton	Ship Case	Weight/Case	Dimensions (in)		
					A Min.	A Max.	B
ZMCPEF050S	½" - ½"	25	250	25	0.75	0.95	1.65
ZMCPEF075S	¾" - ¾"	—	100	15	0.75	1.20	1.93
ZMCPEF100S	1" - 1"	—	50	13	1.14	1.61	2.12

## Combination Couplings

Liquidtight to Rigid - Steel / Die Cast Zinc



### Features

- Raintight
- Liquidtight
- NPSM thread
- Labor saving

### Applications

- Use to join liquidtight metal conduit (LFMC) to Rigid/IMC conduit between 2 different raceways
- Suitable for use in wet locations
- Raintight, concrete tight

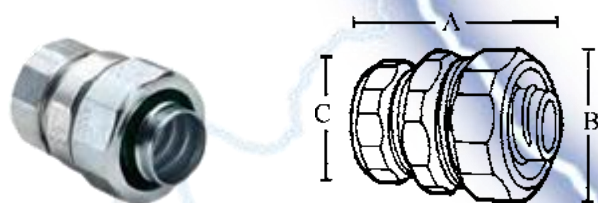
### Standard Material

- Steel / Die Cast Zinc
- Standard Finish
- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/Case	Dimensions (in)	
					A	B
ZME-LFC 38	3/8"	20	200	33	1.10"	1.78"
ZME-LFC 50	1/2"	20	200	29	1.17"	1.78"
ZME-LFC 75	3/4"	10	100	23	1.43"	1.94"
ZME-LFC 100	1"	5	50	18	1.76"	2.19"
ZME-LFC 125	1-1/4"	5	50	30	2.16"	2.23"
ZME-LFC 150	1-1/2"	-	12	8	2.38"	2.62"
ZME-LFC 200	2"	-	5	5	2.87"	2.67"

\*Connect to 1/2" Rigid Steel or IMC Conduit

Liquidtight to EMT - Steel / Die Cast Zinc



### Features

- EMT to liquidtight
- Set screw type
- Reusable ferrule

### Applications

- Use to connect LT conduit to EMT 1/2" thru 1", ideal for rooftop HVAC air conditioners and motor hook-ups
- Can be used with EMT indoors only

### Standard Material

- Steel / Die Cast Zinc

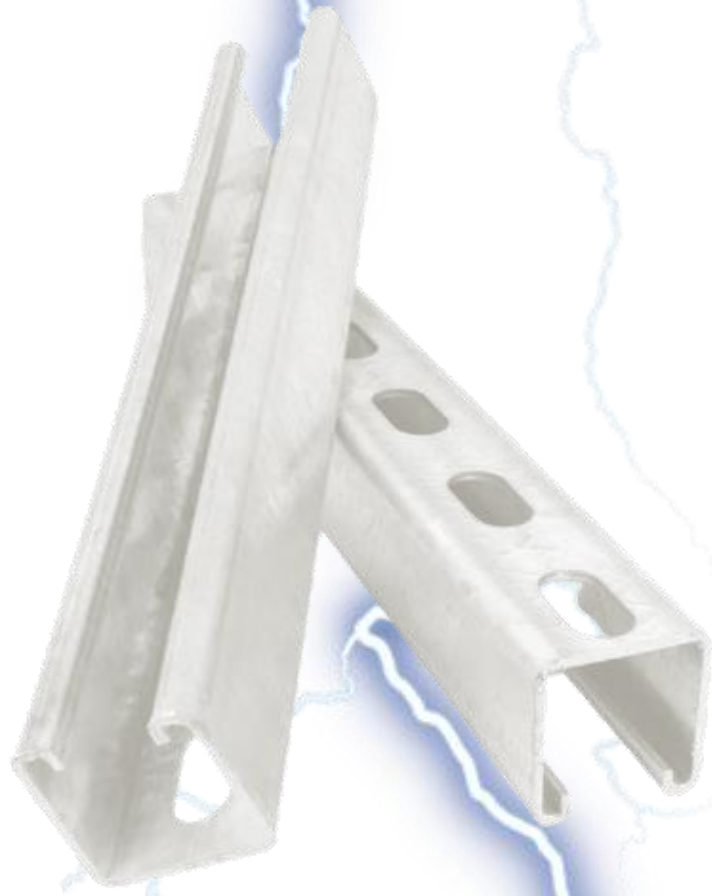
### Standard Finish

- Zinc plated

Catalog Number	Size	Unit Carton	Ship Case	Weight/Case	Dimensions (in)		
					A	B	C
ZME-LSC 50	1/2" - 1/2"	25	250	20	1.64	1.39	1.09
ZME-LSC 75	3/4" - 3/4"	20	200	14	1.75	1.72	1.30
ZME-LSC 100	1" - 1"	10	100	16	2.00	1.75	1.50



# STRUT CHANNELS AND ACCESSORIES

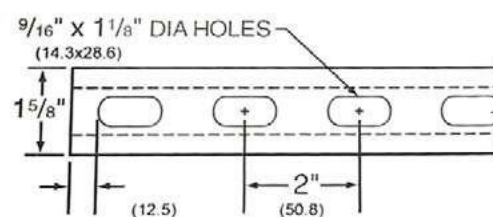
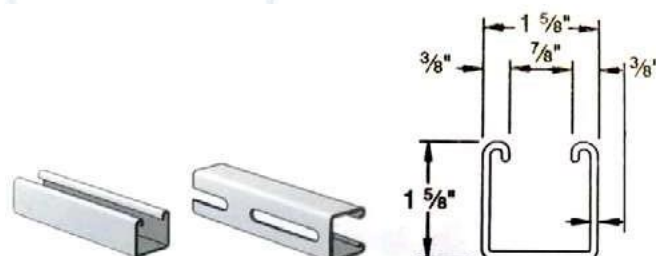


## 41X41 Plain/Slotted Unistrut Channel

- PL: Plain
- SL: Slotted
- PG: Pre-galvanized
- EG: Electro-galvanized
- HDG: Hot dip galvanized
- SS: Stainless Steel

Catalog Number	in	Dim	mm	gauge	Thickness mm
ZMUSC-C025	1 1/8" X 1 1/8"		41 X 41	12	2.5
ZMUSC-C020	1 1/8" X 1 1/8"		41 X 41	14	2.0
ZMUSC-C015	1 1/8" X 1 1/8"		41 X 41	16	1.5
ZMUSC-C012	1 1/8" X 1 1/8"		41 X 41	18	1.2

Standard length 10ft / 3.0 meter  
Other length, thickness available.

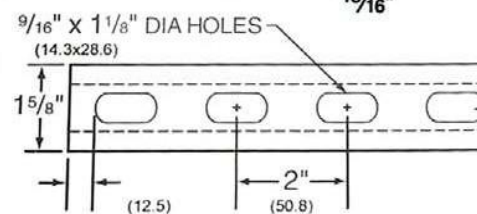
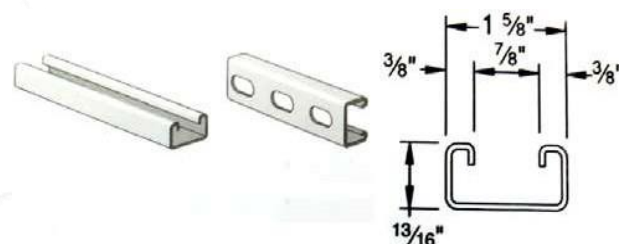


## 41X21 Plain/Slotted Unistrut Channel

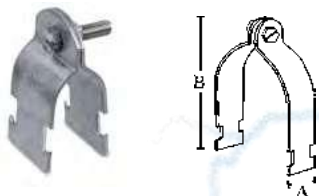
- PL: Plain
- SL: Slotted
- PG: Pre-galvanized
- EG: Electro-galvanized
- HDG: Hot dip galvanized
- SS: Stainless Steel

Catalog Number	in	Dim	mm	gauge	Thickness mm
ZMUSC-C125	1 1/8" X 1 1/8"		41 X 21	12	2.5
ZMUSC-C120	1 1/8" X 1 1/8"		41 X 21	14	2.0
ZMUSC-C115	1 1/8" X 1 1/8"		41 X 21	16	1.5
ZMUSC-C112	1 1/8" X 1 1/8"		41 X 21	18	1.2

Standard length 10ft / 3.0 meter  
Other length, thickness available.



## EMT Strut Clamps



### Features

- For use with EMT conduit

### Standard Material

- Steel

### Standard Finish

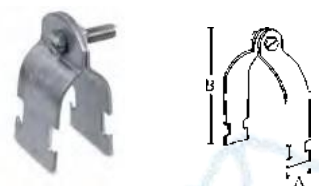
- Zinc plated

### Application

- Use to support EMT conduit from strut channel

Catalog Number	Size	Conduit Size	Material	Hole Diameter	A	B Thickness
		(mm)				(inch)
ZMUSC-E050	½"	17.93	0.060 (±0.005)	0.28	0.690	0.706
ZMUSC-E075	¾"	23.42				0.922
ZMUSC-E100	1"	29.54	0.060 (±0.005)	0.34	0.820	1.163
ZMUSC-E125	1-¼"	38.35				1.510
ZMUSC-E150	1-½"	44.20	0.060 (±0.005)	0.42	0.875	1.740
ZMUSC-E200	2"	60.33				2.375
ZMUSC-E250	2-½"	73.03	0.1034 (±0.005)	0.42	0.875	2.875
ZMUSC-E300	3"	88.90				3.500
ZMUSC-E350	3-½"	101.60	0.118 (±0.005)	0.42	0.875	4.000
ZMUSC-E400	4"	114.30				4.500
ZMUSC-E500	5"	141.30				5.563
ZMUSC-E600	6"	168.30				6.625

## Rigid Strut Clamps



### Features

- For use with IMC/Rigid conduit

### Standard Material

- Steel

### Standard Finish

- Zinc plated

### Application

- Use to support IMC/Rigid conduit from strut channel

Catalog Number	Size	Conduit Size	Material	Hole Diameter	A	B Thickness
		(mm)				(inch)
ZMUSC-R050	½"	21.34	0.0641 (±0.005)	0.28	0.690	0.840
ZMUSC-R075	¾"	26.67				1.050
ZMUSC-R100	1"	33.40	0.0747 (±0.005)	0.34	0.820	1.315
ZMUSC-R125	1-¼"	42.16				1.660
ZMUSC-R150	1-½"	48.26	0.1034 (±0.005)	0.42	0.875	1.900
ZMUSC-R200	2"	60.33				2.375
ZMUSC-R150	2-½"	73.03	0.118 (±0.005)	0.42	0.875	2.875
ZMUSC-R300	3"	88.90				3.500
ZMUSC-R350	3-½"	101.60				4.000
ZMUSC-R400	4"	114.30				4.500
ZMUSC-R500	5"	141.30	0.118 (±0.005)	0.42	0.875	5.563
ZMUSC-R600	6"	168.30				6.625

## All Thread Rods



Standard length 10ft/3.0meter  
Other length also available

Catalog Number	Thread Size
ZMTR-14	¼"-20
ZMTR-516	⅝"-18
ZMTR-38	⅜"-16
ZMTR-12	½"-13
ZMTR-58	⅝"-11
ZMTR-34	¾"-10
ZMTR-78	7/8"-9
ZMTR-1	1"-8

UNC Thread

- PL: Plain
- EG: Electro Galvanized
- HDG: Hot-Dip Galvanized
- SS: Stainless Steel

## Channel Nuts, UNC Thread



- EG: Electro Galvanized
- HDG: Hot-Dip Galvanized
- SS: Stainless Steel

Catalog Number	Thread Size	Nut Specification		Thickness mm
		Length mm	Width mm	
ZMCN-20	¼"-20	34.5	19	6.0
ZMCN-18	⅝"-18	34.5	19	6.0/8.0
ZMCN-16	⅜"-16	34.5	19	8.0/9.2
ZMCN-14	7/16"-14	34.5	19	8.0/9.2
ZMCN-13	½"-13	34.5	19	9.2/11.8
ZMCN-11	⅝"-11	34.5	30	11.0
ZMCN-10	¾"-10	34.5	30	11.0
ZMCN-09	7/8"-9	34.5	30	11.0

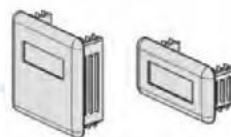
## Drop in Anchor

UNC Thread

- Zinc / Yellow Plated



## Channel End Cap



Catalog Number	Channel Size
ZMEC-1	41x21
ZMEC-2	41x41

Catalog Number	Thread Size	Drill Diameter	Length (in)	Weight KGS/KPCS
ZMDIA-14	¼"-20	3/8"	1"	9.6
ZMDIA-516	⅝"-18	3/8"	1-1/4"	9.8
ZMDIA-38	⅜" X 16	1/2"	1-9/16"	25.0
ZMDIA-12	½" X 13	5/8"	2"	49.5
ZMDIA-58	⅝" X 11	7/8"	2-1/2"	135
ZMDIA-34	¾" X 10	1"	3-3/16"	196

## Beam Clamps-Malleable Iron

Standard Finish

- Plain or Galvanized



Catalog Number	Rod Size	Open Size mm
ZMTBC-M06	M6	18.5
ZMTBC-M08	M8	18.5
ZMTBC-M10	M10	20.0
ZMTBC-M12	M12	30.0
ZMTBC-M14	M14	35.0

## Beam Clamps for Mounting Channel

Standard Finish

- Galvanized



Catalog Number	A Size
ZMMCBC-1	3-3/8"
ZMMCBC-2	5"



# STEEL BOXES & COVERS



## 4" Octagonal Boxes, Drawn 4" Octagonal Boxes, Deep, Drawn 4" Octagonal Covers



### Features

- Boxes - Drawn
- Boxes - 1-½" & 2 1/8" deep
- Boxes - 15.5 & 21.5 cu. in.
- Available in multiple KO sizes, with or without concentric KOs and raised ground emboss with installed 10-32 ground screw where noted

### Applications

- 4" octagon junction boxes are used to install ceiling and wall lighting fixtures, fans or convenience outlets and devices
- Octagon boxes are used to bring power to an electrical device where multiple conductor runs are split in two or more directions
- 4" octagon blank flat covers are used to cover 4" octagon box wiring and provide a means for access when future conduit runs are required

### Standard Material

- Galvanized steel

Catalog Number	Description	Knockouts		Cubic Inches	Ship Case	Weight/ Case
		Sides	Bottom			
BOXES						
ZM54151-½	1-½" deep ½" KO	(4) - ½"	(2) - ½" & (2) - ¾"	15.5	50	24
ZM54151-¾	1-½" deep ¾" KO	(4) - ¾"	(2) - ½" & (2) - ¾"	15.5	50	26
ZM54151-½ & ¾	1-½" deep ½" & ¾" KO	(2)- ½" & (2)- ¾"	(2) - ½" & ¾" CON. (2) - ½"	15.5	50	26
ZM54171-½	2-⅝" deep ½" KO	(4) - ½"	(4) - ½"	21.5	50	28
ZM54171-½ & ¾	2-⅝" deep ½" & ¾" KO	(2)- ½" & (2)- ¾"	(2) - ½" & (2) - ¾"	21.5	50	31
ZM54171-1	2-⅝" deep 1" KO	(4) - 1"	(2)- ½" & (2) - ¾"	21.5	50	42
COVERS						
ZM54-C1	Blank flat (1) Hole & (1) Slot	---	---	-	100	23
ZM54-C6	Flat (1) ½" KO, (1) Hole & (1) Slot	---	(1)½"	-	100	23



**ZM54-C1**



**ZM54-C6**

## 4" Utility Boxes, Drawn



### Features

- Boxes - Drawn
- Boxes - 1-7/8" & 2-1/8" deep
- Available in multiple KO sizes, with or without concentric KOs

### Applications

- Handy boxes, also referred to as utility boxes are used for switch boxes, convenience outlets or small junction boxes in exposed work applications
- Great for appliances and machinery
- ITCC handy utility boxes have a small, rectangular design that enables power outlets and switches to be installed in small places
- Can easily be customized with special holes or knockouts for OEM applications

### Standard Material

- Galvanized steel

Catalog Number	Description	Knockouts		Cubic Inches      Ship Case      Weight/Case		
		Sides	Bottom			
BOXES						
ZM58361-½	1-7/8" deep ½" KO	(8)- ½"	(3)- ½"	13.0	50	24
ZM58361-¾	1-7/8" deep ¾" KO	(6)- ¾"	(2)- ¾"	13.0	50	24
ZM58371-½	2-1/8" deep ½" KO	(8)- ½"	(3)- ½"	14.5	50	24
ZM58371-¾	2-1/8" deep ¾" KO	(6)- ¾"	(2)- ¾"	14.5	50	24
ZM58371-1	2-1/8" deep 1" KO	(4)- 1"	(1)- 1"	14.5	50	24
COVERS						
ZM58-C1	Blank flat	-	-	-	100	10
ZM58-C6	Flat with ½" KO	-	(1)- ½"	-	100	10



**ZM58-C1**



**ZM58-C6**

## 4" Square Boxes, Drawn 4" Square Boxes, Deep, Drawn 4" Square Covers



### Features

- Drawn
- 1-½" & 2-½" deep
- Available in multiple KO sizes, with or without concentric KOs

### Applications

- 4" square drawn junction boxes can be installed in walls or ceilings for lighting fixtures, switches, receptacles or other outlet devices. Square boxes are used to bring power to a number of electrical devices where multiple conductor runs are split in two or more directions

### Standard Material

- Galvanized steel

Catalog Number	Description	Sides	Knockouts Bottom	Cubic Inches	Ship Case	Weight/Case
<b>BOXES</b>						
ZM52151-½	1-½" deep ½" KO	(12)- ½"	(2)- ½" (2)- ¾"	21	50	31
ZM52151-¾	1-½" deep ¾" KO	(8)- ¾"	(2)- ½" & (2)- ¾"	21	50	31
ZM52151-½ & ¾	1-½" deep ½" & ¾" KO	(8)- ½" & (4)- ¾"	(2)- ½" & (2)- ¾"	21	50	31
ZM52171-½	2-1/8" deep ½" KO	(12)- ½"	(2)- ½" (2)- ¾"	30.5	50	41
ZM52171-¾	2-1/8" deep ¾" KO	(8)- ¾"	(2)- ½" (2)- ¾"	30.5	50	39
ZM52171-½ & ¾	2-1/8" deep ½" & ¾" KO	(8)- ½" & (4)- ¾"	(2)- ½" (2)- ¾"	30.5	50	41
ZM52171-1	2-1/8" deep ¾" & 1" KO	(8)- 1"	(2)½" & (2)¾"	30.5	50	41
<b>COVERS</b>						
ZM52C1	Blank Flat (1) Hole & (1) Slot	-	-	-	50	31
ZM52C6	Flat (1) ½ KO, (1) Hole & (1) Slot	-	(1)- ½"	-	50	31



**ZM52C1**



**ZM52C6**



# WEATHERPROOF BOXES AND COVERS



## 1- Gang Boxes

Depth : 2"  
Length : 4 9/16"  
Width : 2 13/16"  
Die Cast Aluminum  
Lugs, Closure Plug Screws Included

### Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's



Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch
ZMWPOG50-3	3	1/2"	Gray	18.3
ZMWPOG50-4	4	1/2"	Gray	17.0
ZMWPOG50-5	5	1/2"	Gray	15.8
ZMWPOG50-5X	5	1/2"	Gray	15.8
ZMWPOG75-3	3	3/4"	Gray	18.3
ZMWPOG75-4	4	3/4"	Gray	17.0
ZMWPOG75-5	5	3/4"	Gray	15.8
ZMWPOG75-5X	5	3/4"	Gray	15.8
ZMWPOG100-3	3	1"	Gray	15.8



3 Holes



4 Holes



5 Holes



5 Holes (X)

## 1- Gang Deep Boxes

Depth : 2 5/8"  
Length : 4 9/16"  
Width : 2 13/16"  
Die Cast Aluminum  
Lugs, Closure Plug, Screws Included

### Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's

Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch
ZMWPOGD50-3	3	1/2"	Gray	23.8
ZMWPOGD50-4	4	1/2"	Gray	23.8
ZMWPOGD50-5	5	1/2"	Gray	23.8
ZMWPOGD50-5X	5	1/2"	Gray	23.8
ZMWPOGD75-3	3	3/4"	Gray	23.8
ZMWPOGD75-4	4	3/4"	Gray	23.8
ZMWPOGD75-5	5	3/4"	Gray	23.8
ZMWPOGD75-5X	5	3/4"	Gray	23.8
ZMWPOGD100-3	3	1"	Gray	23.8
ZMWPOGD100-5	5	1"	Gray	23.8



3 Holes



4 Holes



5 Holes



5 Holes (X)

## 2- Gang Boxes

Depth : 2 3/16"

Length : 4 9/16"

Width : 4 9/16"

Die Cast Aluminum

Lugs, Closure Plug, Screws Included

### Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's



Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch
ZMWPTG50-3	3	1/2"	Gray	30.5
ZMWPTG50-4	4	1/2"	Gray	30.5
ZMWPTG50-5	5	1/2"	Gray	30.5
ZMWPTG50-5X	5	1/2"	Gray	30.5
ZMWPTG50-6X	6	1/2"	Gray	30.5
ZMWPTG50-7	7	1/2"	Gray	30.5
ZMWPTG50-7X	7	1/2"	Gray	30.5
ZMWPTG50-9	9	1/2"	Gray	30.5
ZMWPTG75-3	3	3/4"	Gray	30.5
ZMWPTG75-4	4	3/4"	Gray	30.5
ZMWPTG75-5	5	3/4"	Gray	30.5
ZMWPTG75-5X	5	3/4"	Gray	30.5
ZMWPTG75-6X	6	3/4"	Gray	30.5
ZMWPTG75-7	7	3/4"	Gray	30.5
ZMWPTG75-7X	7	3/4"	Gray	30.5
ZMWPTG75-9	9	3/4"	Gray	30.5
ZMWPTG100-3	3	1"	Gray	30.5
ZMWPTG100-4	4	1"	Gray	30.5
ZMWPTG100-5X	5	1"	Gray	30.5



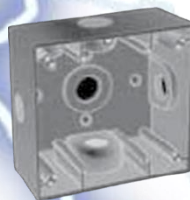
3 Holes



4 Holes



5 Holes



5 Holes (X)



7 Holes



7 Holes (X)

## 2- Gang Deep Boxes

Depth: 2 5/8"

Length : 4 9/16"

Width : 4 9/16"

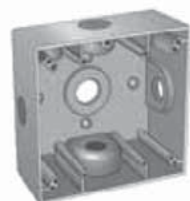
Die Cast Aluminum

Lugs, Closure Plug, Screws Included

### Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's

Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch
ZMWPTGD50-5X	5	1/2"	Gray	40.3
ZMWPTGD75-5X	5	3/4"	Gray	40.3
ZMWPTGD100-5X	5	1"	Gray	40.3
ZMWPTGD50-7X	7	1/2"	Gray	40.3
ZMWPTGD75-7X	7	3/4"	Gray	40.3
ZMWPTGD100-7X	7	1"	Gray	40.3



5 Holes (X)



7 Holes (X)

## 4" Round Boxes & Extension Rings

1<sup>9</sup>/<sub>16</sub>" Deep

Die Cast Aluminum

### Applications

- For use in branch circuit wiring in wet, damp or dry locations
- May be used as a weatherproof junction box or as a housing for receptacles, switches and GFCI's

Catalog Number	Outlet Holes	Hole Size	Color	Cu. Inch
ZMWPR50-5	5	½"	Gray	15.8
ZMWPR75-5	5	¾"	Gray	15.8
ZMWPE50-4	4	½"	Gray	16.3
ZMWPE75-4	4	¾"	Gray	16.3



ZMWPR50-5  
ZMWPR75-5



ZMWPE50-4  
ZMWPE75-4

## Weatherproof Blank Box Covers

Die Cast Aluminum

### Applications

Where weatherproof protection is required while an outlet is in use.

Catalog Number	Discription	Color
ZMBC-WPOG	Blank	Steel / Aluminum
ZMBC-WPTG	Blank	Steel / Aluminum



ZMBC-WPTG



ZMBC-WPOG



## INGRESS PROTECTION MARKING

# IP65

### SOLID PROTECTION

0		Non protected
1		Protected against a solid object greater than 50 mm, such as a hand.
2		Protected against a solid object greater than 12 mm, such as a finger.
3		Protected against a solid object greater than 2.5 mm, such as a screwdriver.
4		Protected against a solid object greater than 1 mm, such as a most screws and wires.
5		Dust protected. Prevents ingress of dust sufficient to cause harm.
6		Dust tight. no ingress of dust.



The IP rating system is defined in international standard IEC 605029. IP ratings are used to classify and define of ingress protection on electrical devices against solids and water. By defining a rating, the IP system ensures specific levels of overate when products are faced with varying elements.

### WATER PROTECTION

0		Non protected
1		Protected against vertical dripping water. Limited liquid entry.
2		Protected against vertical dripping water when tilted up 15°. Limited liquid entry.
3		Protected against spraying water at an angle 60°. Limited liquid entry.
4		Protected against splashes of water at any angle. Limited liquid entry.
5		Protected against low pressure water jets from any directions. Limited liquid entry.
6		Protected against high pressure water jets from any directions. Limited liquid entry.
7		Protected against the effects immersion of water between 15 cm and 1 m for 30 minutes.
8		Protected against the effects immersion of water under pressure for long periods.
9		Protected from close-range, powerful, high-temperature water jets.



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