



ECN/KORNS
RACEWAY DIVISION

Buyer's Guide



Couplings

Galvanized
Aluminum



Nipples

Galvanized
Aluminum



Elbows

Galvanized
Aluminum
EMT



Clamps

Right Angle Conduit Clamps
Edge Type Conduit Clamps
Parallel Conduit Clamps
One-Hole Straps
Two-Hole Straps
Clampback Spacers
Beam Clamps



ECN / KORNS
RACEWAY DIVISION

Delivering On Our Core Values

ECN/Korns Conduit System Products and Accessories

Home of the original Korns Clamps, ECN/Korns delivers one of the industry's most comprehensive and competitively priced lines of quality products and accessories required to safely and securely join, support, and terminate conduit in electrical applications.

More importantly, ECN/Korns is dedicated to the delivery of our core values of "Quality. Service. Value." for our customers every day.

ECN/Korns Product Family

- Couplings
- Nipples (galvanized steel and aluminum)
- Elbows (galvanized steel, aluminum, and EMT)
- Conduit Hubs
- Grounding Bushings
- Korns Clamps
- Straps, Hangers, and Clamps
- Custom Capabilities

Making the Mark

**ECN/Korns products comply
with the following industry-wide standards:**



UL Listing Mark

The UL (Underwriter Laboratories) Listing Mark is only applied to products that are manufactured in accordance with UL requirements and is verified by a UL field representative four times a year – UL 6, UL 6A, UL 467, UL 514B, UL 797, and UL 2239.



ANSI

American National Standards Institute (ANSI) is a private, non-profit organization administering and coordinating voluntary standards and conformity assessment systems – ANSI C80.1, ANSI C80.3, and ANSI C80.5.



CSA Listing Mark

CSA (Canadian Standards Association) provides testing and certification services for electrical products and is recognized in the U.S., Canada, and around the world – CSA C 22.2 No. 18, C 22.2 No. 45, and C 22.2 No. 83.

Customer Support You Can Count On



Service Commitment

ECN/Korns is committed to excellence when it comes to customer service. We value our client relationships and are highly responsive to service requests. We are proud to have 98% first shipment fill rate, shipment within 24 hours of purchase, order acknowledgement, and more.

Local Manufacturer Representatives

You can depend on ECN/Korns for access to expert sales assistance and product knowledge at the local level through our broad network of ECN/Korns manufacturer representatives who will promptly respond to your needs.

Dedicated Factory Service Personnel

Our highly trained service personnel are ready to address any product question you may have or help to resolve an issue to prevent costly downtime.

Interactive Web Portal (Coming Soon)

An innovative new online customer service feature is our interactive web portal, designed to provide a quick and easy resource for ECN/Korns product information and submittals.

Convenient Packaging and Easy-to-Identify Labels

Our customized carton labels make your job easier by making information readily available and easily identifiable. We provide information such as product descriptions, trade size, and even product images on the exterior of the box, making warehousing and shipment a simpler and more efficient task.

We Make Doing Business Easy

Data Sets

ECN/Korns keeps its key data sets of standardized product and pricing complete and current with IDW and Trade Service.

EDI (Electronic Data Interchange)

The EDI process sends information computer-to-computer between companies in standardized formats, helping to make the transaction side of the business efficient and effective while reducing errors. ECN/Korns supports the full suite of EDI transactions, including purchase orders, order acknowledgements, invoices, advance shipment notices, and

SPA rebate claims. Contact your local ECN/Korns representative or factory representative to find out more or to expand your current transactions.

Electronic Price Files

When pricing is not current, the entire purchasing process hits a dead end. ECN/Korns provides electronic price files to make it easy and fast to load prices into your business system and to help make sure our systems remain in sync; significantly reducing the chance of time-consuming and costly pricing errors.

Galvanized Rigid Steel Conduit Couplings

GALVANIZED STEEL



Application

- Used to join two lengths of GRC or IMC conduit; can be used in both indoor and outdoor applications

Features

- Easy to install
- Made of steel and galvanized for corrosion resistance

Standard Materials

- Steel

Standard Finish

- Galvanized

Compliance Information

UL Standards

- ANSI/UL 6
- CSA-C22.2 No. 45.1

Robroy File Number

- E2313

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 344

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

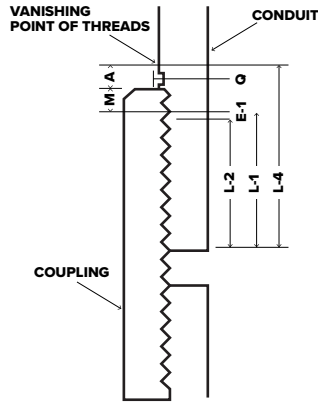
Mexican Official Standard

- NOM-001-SEDE

UL Listed

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
GALCPLG1/2	1/2" GALVANIZED COUPLINGS	12	100
GALCPLG3/4	3/4" GALVANIZED COUPLINGS	18	50
GALCPLG1	1" GALVANIZED COUPLINGS	31	50
GALCPLG1-1/4	1-1/4" GALVANIZED COUPLINGS	40	50
GALCPLG1-1/2	1-1/2" GALVANIZED COUPLINGS	52	50
GALCPLG2	2" GALVANIZED COUPLINGS	73	20
GALCPLG2-1/2	2-1/2" GALVANIZED COUPLINGS	179	12
GALCPLG3	3" GALVANIZED COUPLINGS	221	12
GALCPLG3-1/2	3-1/2" GALVANIZED COUPLINGS	355	12
GALCPLG4	4" GALVANIZED COUPLINGS	313	12
GALCPLG5	5" GALVANIZED COUPLINGS	432	BLK
GALCPLG6	6" GALVANIZED COUPLINGS	730	BLK

Conduit Thread and Coupling



Conduit		Threads					Coupling*		
Nominal Size	Threads Per Inch (No.)	Length from End of Pipe to Hand-Tight Plane (L-1)	Effective Length (L-2)	Total Length of Threads to Vanish Point (L-4)	Pitch Diameter at End of Thread 3/4" Taper per Ft.	Pitch Diameter at Hand-Tight Plane (E-1)	Length from Hand-Tight Plane to Face Coupling (M)	Dia. of Countersink (Q)	Hand-Tight Stand Off Basic Inches (A)
1/2"	14	.5658"	.5337"	.7815"	.7584"	.7938"	.1086"	.840"	1-1/2"
3/4"	14	.5778"	.5457"	.7935"	.9677"	1.0038"	.1086"	1.050"	1-1/2"
1"	11-1/2	.7217"	.6828"	.9845"	1.2136"	1.2587"	.1323"	1.315"	1-1/2"
1-1/4"	11-1/2	.7457"	.7068"	1.0085"	1.5571"	1.6037"	.1323"	1.660"	1-1/2"
1-1/2"	11-1/2	.7624"	.7235"	1.0252"	1.7961"	1.8437"	.1323"	1.900"	1-1/2"
2"	11-1/2	.7954"	.7565"	1.0582"	2.2690"	2.3187"	.1323"	2.375"	1-1/2"
2-1/2"	8	1.1935"	1.1375"	1.5712"	2.7195"	2.7941"	.1902"	2.875"	1-1/2"
3"	8	1.2560"	1.2000"	1.6337"	3.3406"	3.4191"	.1902"	3.500"	1-1/2"
3-1/2"	8	1.3060"	1.2500"	1.6837"	3.8375"	3.9191"	.1902"	4.000"	1-1/2"
4"	8	1.3560"	1.3000"	1.7337"	4.3344"	4.4191"	.1902"	4.500"	1-1/2"
5"	8	1.4623"	1.4063"	1.8400"	5.3907"	5.4821"	.1902"	5.563"	1-1/2"
6"	8	1.5685"	1.5125"	1.9462"	6.4461"	6.5441"	.1902"	6.625"	1-1/2"

*Couplings are straight tapped.

Tolerance, thread length = ± 1 thread. Plus or minus 1 turn is the maximum variation permitted from the gaging face of the working thread gages. This is equivalent to plus or minus 1 and 1-1/2 turns from basic dimensions, since a variation of plus or minus 1/2 turn from basic dimensions is permitted in working gages.

Galvanized Rigid Steel Conduit Nipples



Application

- For use with GRC and IMC conduit to join two enclosures or conduit bodies together

Features

- Can be used in both indoor and outdoor applications, offering customer increased flexibility
- Can be used in hazardous and non-hazardous locations
- Available from close through 12" to suit customer application
- NPT threads
- Made of steel and hot-dip galvanized for corrosion resistance

Standard Materials

- Steel

Standard Finish

- Hot-dip galvanized

Compliance Information

UL Standards

- ANSI/UL 6
- CSA-C22.2 No. 45.1

Robroy File Number

- E2314

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 344

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

Mexican Official Standard

- NOM-001-SEDE

Galvanized Rigid Steel Conduit Nipples

UL Listed

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
GALNIP1/2XCL	1/2"X1-1/8" CLOSE GALVANIZED NIPPLE	6	25
GALNIP3/4XCL	3/4"X1-3/8" CLOSE GALVANIZED NIPPLE	9	25
GALNIP1XCL	1"X1-1/2" CLOSE GALVANIZED NIPPLE	16	25
GALNIP1-1/4XCL	1-1/4"X1-5/8" CLOSE GALVANIZED NIPPLE	22	25
GALNIP1-1/2XCL	1-1/2"X1-3/4" CLOSE GALVANIZED NIPPLE	28	25
GALNIP2XCL	2"X2" CLOSE GALVANIZED NIPPLE	44	25
GALNIP2-1/2XCL	2-1/2"X2-1/2" CLOSE GALVANIZED NIPPLE	84	10
GALNIP3XCL	3"X2-5/8" CLOSE GALVANIZED NIPPLE	118	10
GALNIP3-1/2XCL	3-1/2"X2-3/4" CLOSE GALVANIZED NIPPLE	160	10
GALNIP4XCL	4"X2-7/8" CLOSE GALVANIZED NIPPLE	180	10
GALNIP5XCL	5"X3" CLOSE GALVANIZED NIPPLE	240	BLK
GALNIP6XCL	6"X3-1/8" CLOSE GALVANIZED NIPPLE	350	BLK
GALNIP1/2X1-1/2	1/2"X1-1/2" GALVANIZED NIPPLE	8	25
GALNIP3/4X1-1/2	3/4"X1-1/2" GALVANIZED NIPPLE	10	25
GALNIP1/2X2	1/2"X2" GALVANIZED NIPPLE	12	25
GALNIP3/4X2	3/4"X2" GALVANIZED NIPPLE	14	25
GALNIP1X2	1"X2" GALVANIZED NIPPLE	22	25
GALNIP1-1/4X2	1-1/4"X2" GALVANIZED NIPPLE	28	25
GALNIP1-1/2X2	1-1/2"X2" GALVANIZED NIPPLE	34	25
GALNIP1/2X2-1/2	1/2"X2-1/2" GALVANIZED NIPPLE	15	25
GALNIP3/4X2-1/2	3/4"X2-1/2" GALVANIZED NIPPLE	19	25
GALNIP1X2-1/2	1"X2-1/2" GALVANIZED NIPPLE	28	25
GALNIP1-1/4X2-1/2	1-1/4"X2-1/2" GALVANIZED NIPPLE	37	25
GALNIP1-1/2X2-1/2	1-1/2"X2-1/2" GALVANIZED NIPPLE	44	25
GALNIP2X2-1/2	2"X2-1/2" GALVANIZED NIPPLE	59	25
GALNIP1/2X3	1/2"X3" GALVANIZED NIPPLE	19	25
GALNIP3/4X3	3/4"X3" GALVANIZED NIPPLE	24	25
GALNIP1X3	1"X3" GALVANIZED NIPPLE	36	25
GALNIP1-1/4X3	1-1/4"X3" GALVANIZED NIPPLE	47	25
GALNIP1-1/2X3	1-1/2"X3" GALVANIZED NIPPLE	56	25
GALNIP2X3	2"X3" GALVANIZED NIPPLE	72	25
GALNIP2-1/2X3	2-1/2"X3" GALVANIZED NIPPLE	100	10
GALNIP3X3	3"X3" GALVANIZED NIPPLE	130	10
GALNIP1/2X3-1/2	1/2"X3-1/2" GALVANIZED NIPPLE	22	25
GALNIP3/4X3-1/2	3/4"X3-1/2" GALVANIZED NIPPLE	28	25
GALNIP1X3-1/2	1"X3-1/2" GALVANIZED NIPPLE	43	25
GALNIP1-1/4X3-1/2	1-1/4"X3-1/2" GALVANIZED NIPPLE	55	25
GALNIP1-1/2X3-1/2	1-1/2"X3-1/2" GALVANIZED NIPPLE	68	25
GALNIP2X3-1/2	2"X3-1/2" GALVANIZED NIPPLE	88	25
GALNIP2-1/2X3-1/2	2-1/2"X3-1/2" GALVANIZED NIPPLE	120	10
GALNIP3X3-1/2	3"X3-1/2" GALVANIZED NIPPLE	157	10

Galvanized Rigid Steel Conduit Nipples

UL Listed

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
GALNIP1/2X4	1/2"X4" GALVANIZED NIPPLE	26	25
GALNIP3/4X4	3/4"X4" GALVANIZED NIPPLE	34	25
GALNIP1X4	1"X4" GALVANIZED NIPPLE	49	25
GALNIP1-1/4X4	1-1/4"X4" GALVANIZED NIPPLE	66	25
GALNIP1-1/2X4	1-1/2"X4" GALVANIZED NIPPLE	80	25
GALNIP2X4	2"X4" GALVANIZED NIPPLE	103	25
GALNIP2-1/2X4	2-1/2"X4" GALVANIZED NIPPLE	150	10
GALNIP3X4	3"X4" GALVANIZED NIPPLE	200	10
GALNIP3-1/2X4	3-1/2"X4" GALVANIZED NIPPLE	240	5
GALNIP4X4	4"X4" GALVANIZED NIPPLE	285	6
GALNIP1/2X5	1/2"X5" GALVANIZED NIPPLE	33	25
GALNIP3/4X5	3/4"X5" GALVANIZED NIPPLE	43	25
GALNIP1X5	1"X5" GALVANIZED NIPPLE	64	25
GALNIP1-1/4X5	1-1/4"X5" GALVANIZED NIPPLE	84	25
GALNIP1-1/2X5	1-1/2"X5" GALVANIZED NIPPLE	103	25
GALNIP2X5	2"X5" GALVANIZED NIPPLE	132	25
GALNIP2-1/2X5	2-1/2"X5" GALVANIZED NIPPLE	197	10
GALNIP3X5	3"X5" GALVANIZED NIPPLE	260	10
GALNIP3-1/2X5	3-1/2"X5" GALVANIZED NIPPLE	320	5
GALNIP4X5	4"X5" GALVANIZED NIPPLE	380	6
GALNIP5X5	5"X5" GALVANIZED NIPPLE	480	BLK
GALNIP6X5	6"X5" GALVANIZED NIPPLE	660	BLK
GALNIP1/2X6	1/2"X6" GALVANIZED NIPPLE	40	25
GALNIP3/4X6	3/4"X6" GALVANIZED NIPPLE	52	25
GALNIP1X6	1"X6" GALVANIZED NIPPLE	78	25
GALNIP1-1/4X6	1-1/4"X6" GALVANIZED NIPPLE	100	25
GALNIP1-1/2X6	1-1/2"X6" GALVANIZED NIPPLE	122	25
GALNIP2X6	2"X6" GALVANIZED NIPPLE	160	25
GALNIP2-1/2X6	2-1/2"X6" GALVANIZED NIPPLE	240	10
GALNIP3X6	3"X6" GALVANIZED NIPPLE	300	10
GALNIP3-1/2X6	3-1/2"X6" GALVANIZED NIPPLE	373	5
GALNIP4X6	4"X6" GALVANIZED NIPPLE	440	5
GALNIP5X6	5"X6" GALVANIZED NIPPLE	600	BLK
GALNIP6X6	6"X6" GALVANIZED NIPPLE	820	BLK

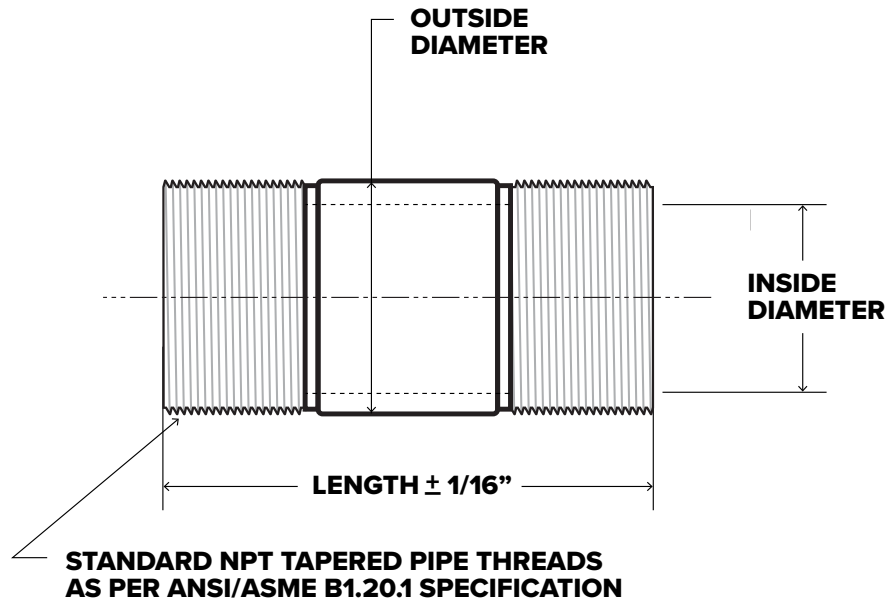
Galvanized Rigid Steel Conduit Nipples

UL Listed

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
GALNIP1/2X8	1/2"X8" GALVANIZED NIPPLE	54	25
GALNIP3/4X8	3/4"X8" GALVANIZED NIPPLE	73	25
GALNIP1X8	1"X8" GALVANIZED NIPPLE	109	25
GALNIP1-1/4X8	1-1/4"X8" GALVANIZED NIPPLE	136	10
GALNIP1-1/2X8	1-1/2"X8" GALVANIZED NIPPLE	170	10
GALNIP2X8	2"X8" GALVANIZED NIPPLE	220	10
GALNIP2-1/2X8	2-1/2"X8" GALVANIZED NIPPLE	329	5
GALNIP3X8	3"X8" GALVANIZED NIPPLE	411	5
GALNIP3-1/2X8	3-1/2"X8" GALVANIZED NIPPLE	510	5
GALNIP4X8	4"X8" GALVANIZED NIPPLE	600	3
GALNIP5X8	5"X8" GALVANIZED NIPPLE	825	BLK
GALNIP6X8	6"X8" GALVANIZED NIPPLE	1125	BLK
GALNIP1/2X10	1/2"X10" GALVANIZED NIPPLE	68	25
GALNIP3/4X10	3/4"X10" GALVANIZED NIPPLE	89	25
GALNIP1X10	1"X10" GALVANIZED NIPPLE	138	25
GALNIP1-1/4X10	1-1/4"X10" GALVANIZED NIPPLE	176	10
GALNIP1-1/2X10	1-1/2"X10" GALVANIZED NIPPLE	216	10
GALNIP2X10	2"X10" GALVANIZED NIPPLE	285	10
GALNIP2-1/2X10	2-1/2"X10" GALVANIZED NIPPLE	422	5
GALNIP3X10	3"X10" GALVANIZED NIPPLE	528	5
GALNIP3-1/2X10	3-1/2"X10" GALVANIZED NIPPLE	655	4
GALNIP4X10	4"X10" GALVANIZED NIPPLE	775	4
GALNIP5X10	5"X10" GALVANIZED NIPPLE	1055	BLK
GALNIP6X10	6"X10" GALVANIZED NIPPLE	1440	BLK
GALNIP1/2X12	1/2"X12" GALVANIZED NIPPLE	82	25
GALNIP3/4X12	3/4"X12" GALVANIZED NIPPLE	109	25
GALNIP1X12	1"X12" GALVANIZED NIPPLE	166	25
GALNIP1-1/4X12	1-1/4"X12" GALVANIZED NIPPLE	216	10
GALNIP1-1/2X12	1-1/2"X12" GALVANIZED NIPPLE	260	10
GALNIP2X12	2"X12" GALVANIZED NIPPLE	335	10
GALNIP2-1/2X12	2-1/2"X12" GALVANIZED NIPPLE	505	5
GALNIP3X12	3"X12" GALVANIZED NIPPLE	630	5
GALNIP3-1/2X12	3-1/2"X12" GALVANIZED NIPPLE	785	4
GALNIP4X12	4"X12" GALVANIZED NIPPLE	925	4
GALNIP5X12	5"X12" GALVANIZED NIPPLE	1260	BLK
GALNIP6X12	6"X12" GALVANIZED NIPPLE	1720	BLK

Galvanized Rigid Steel Conduit Nipples

GALVANIZED STEEL



Material
Rigid Steel Conduit

Applicable Specification
Underwriters Laboratories
• UL 6

Pipe Size	Pipe O.D.	Nipple Length																
		Close	Other Lengths Available															
1/2"	0.84"	1-1/8"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
3/4"	1.05"	1-3/8"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
1"	1.315"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"	
1-1/4"	1.66"	1-5/8"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"	
1-1/2"	1.9"	1-3/4"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"	
2"	2.375"	2"		2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"	
2-1/2"	2.875"	2-1/2"			3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"	
3"	3.5"	2-5/8"				3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
3-1/2"	4"	2-3/4"					4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"	
4"	4.5"	2-7/8"						4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
5"	5.563"	3"							4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
6"	6.625"	3-1/8"							4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"

Galvanized Rigid Steel Standard Radius Elbows



Application

- Used in conjunction with rigid couplings to make a 45° or 90° bend between two lengths of threaded GRC or IMC conduit

Features

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions in the installation
- Can be used in both indoor and outdoor applications, offering the customer increased flexibility
- Made of steel and galvanized for corrosion resistance
- NPT threads

Standard Materials

- Steel

Standard Finish

- Galvanized

Compliance Information

UL Standards

- ANSI/UL 6
- CSA-C22.2 No. 45.1

Robroy File Number

- E2314

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 344

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

Mexican Official Standard

- NOM-001-SEDE

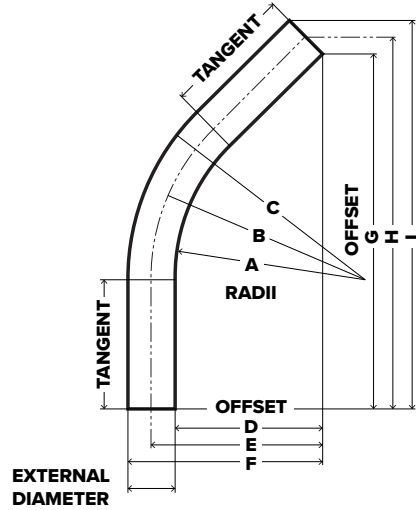
Galvanized Rigid Steel Standard Radius Elbows

UL Listed

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton	Radius
GALELB1/2X45	1/2"X45" GALVANIZED ELBOWS	64	50	4.25"
GALELB3/4X45	3/4"X45" GALVANIZED ELBOWS	93	50	4.50"
GALELB1X45	1"X45" GALVANIZED ELBOWS	161	25	5.75"
GALELB1-1/4X45	1-1/4"X45" GALVANIZED ELBOWS	258	10	7.25"
GALELB1-1/2X45	1-1/2"X45" GALVANIZED ELBOWS	354	15	8.25"
GALELB2X45	2"X45" GALVANIZED ELBOWS	540	10	9.50"
GALELB2-1/2X45	2-1/2"X45" GALVANIZED ELBOWS	1034	BLK	10.50"
GALELB3X45	3"X45" GALVANIZED ELBOWS	1531	BLK	13.00"
GALELB3-1/2X45	3-1/2"X45" GALVANIZED ELBOWS	2281	BLK	15.00"
GALELB4X45	4"X45" GALVANIZED ELBOWS	2691	BLK	16.00"
GALELB5X45	5"X45" GALVANIZED ELBOWS	5388	BLK	24.00"
GALELB6X45	6"X45" GALVANIZED ELBOWS	8989	BLK	30.00"
GALELB1/2X90	1/2"X90" GALVANIZED ELBOWS	75	50	4.25"
GALELB3/4X90	3/4"X90" GALVANIZED ELBOWS	109	50	4.50"
GALELB1X90	1"X90" GALVANIZED ELBOWS	189	25	5.75"
GALELB1-1/4X90	1-1/4"X90" GALVANIZED ELBOWS	303	10	7.25"
GALELB1-1/2X90	1-1/2"X90" GALVANIZED ELBOWS	416	15	8.25"
GALELB2X90	2"X90" GALVANIZED ELBOWS	635	10	9.50"
GALELB2-1/2X90	2-1/2"X90" GALVANIZED ELBOWS	1217	BLK	10.50"
GALELB3X90	3"X90" GALVANIZED ELBOWS	1801	BLK	13.00"
GALELB3-1/2X90	3-1/2"X90" GALVANIZED ELBOWS	2684	BLK	15.00"
GALELB4X90	4"X90" GALVANIZED ELBOWS	3166	BLK	16.00"
GALELB5X90	5"X90" GALVANIZED ELBOWS	6339	BLK	24.00"
GALELB6X90	6"X90" GALVANIZED ELBOWS	10575	BLK	30.00"

Sizes 2-1/2" and larger shipped in palletized cartons or bulk, with thread protectors on each end, and ECN/Korns identifying label.

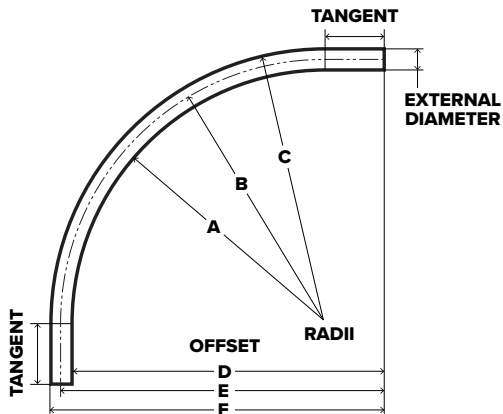
Galvanized Rigid Steel Standard Radius Elbows • 45°



Nominal Size	Diameters		Unbent Length	Radii			Offset						Tangent
	External	Internal		A	B	C	D	E	F	G	H	I	
1/2"	0.84"	0.622"	10.4352"	3.83"	4.25"	4.67"	3.63"	4.05"	4.47"	8.77"	9.06"	9.36"	3.55"
3/4"	1.05"	0.824"	11.4288"	3.98"	4.5"	5.03"	3.96"	4.48"	5.01"	9.55"	9.92"	10.29"	3.95"
1"	1.315"	1.049"	12.6312"	5.09"	5.75"	6.41"	4.36"	5.02"	5.68"	10.53"	10.99"	11.46"	4.06"
1-1/4"	1.66"	1.38"	13.3332"	6.42"	7.25"	8.08"	4.58"	5.41"	6.24"	11.06"	11.65"	12.23"	3.82"
1-1/2"	1.9"	1.61"	14.118"	7.3"	8.25"	9.2"	4.84"	5.79"	6.74"	11.68"	12.35"	13.03"	3.82"
2"	2.375"	2.067"	18.462"	8.31"	9.5"	10.69"	6.32"	7.51"	8.70"	15.27"	16.11"	16.95"	5.50"
2-1/2"	2.875"	2.469"	24"	9.06"	10.5"	11.94"	8.22"	9.66"	11.10"	19.85"	20.87"	21.89"	7.88"
3"	3.5"	3.068"	24"	11.25"	13"	14.75"	9.53"	11.28"	13.03"	19.98"	21.21"	22.45"	6.89"
3-1/2"	4"	3.548"	30"	13"	15"	17"	10.25"	12.25"	14.25"	24.74"	26.16"	27.57"	9.11"
4"	4.5"	4.026"	30"	13.75"	16"	18.25"	10.19"	12.44"	14.69"	24.60"	26.19"	27.79"	8.72"
5"	5.563"	5.047"	48"	21.22"	24"	26.78"	16.52"	19.30"	22.08"	39.89"	41.85"	43.82"	14.58"
6"	6.625"	6.065"	60"	26.68"	30"	33.31"	20.70"	24.01"	27.32"	49.97"	52.32"	54.66"	18.22"

Galvanized Rigid Steel Standard Radius Elbows • 90°

GALVANIZED STEEL



Nominal Size	Diameters		Unbent Length	Radii			Offset			Tangent	Steel Approx. Weight Per Carton (Lbs.)
	External	Internal		A	B	C	D	E	F		
1/2"	.840"	.622"	11-1/4"	3.83"	4.25"	4.67"	6.08"	6.50"	6.92"	2.25"	75
3/4"	1.050"	.824"	12-1/2"	3.98"	4.50"	5.03"	6.73"	7.25"	7.78"	2.75"	111
1"	1.315"	1.049"	14-3/4"	5.09"	5.75"	6.41"	8.00"	8.625"	9.285"	2.875"	195
1-1/4"	1.660"	1.380"	17-3/4"	6.42"	7.25"	8.08"	9.607"	10.437"	11.267"	3.187"	320
1-1/2"	1.900"	1.610"	19-3/4"	7.30"	8.25"	9.20"	10.675"	11.625"	12.575"	3.375"	423
2"	2.375"	2.067"	22-1/2"	8.31"	9.50"	10.69"	12.123"	13.313"	14.50"	3.813"	671
2-1/2"	2.875"	2.469"	28"	9.06"	10.50"	11.94"	14.81"	16.25"	17.69"	5.753"	1,288
3"	3.500"	3.068"	32"	11.25"	13.00"	14.75"	17.00"	18.75"	20.50"	5.753"	1,926
3-1/2"	4.000"	3.548"	39-1/2"	13.00"	15.00"	17.00"	20.97"	22.97"	24.97"	7.96"	2,853
4"	4.500"	4.026"	39-1/2"	13.75"	16.00"	18.25"	20.93"	23.18"	25.43"	7.18"	3,373
5"	5.563"	5.047"	59-1/2"	21.22"	24.00"	26.78"	32.12"	34.90"	37.68"	10.90"	7,388
6"	6.625"	6.065"	76"	26.68"	30.00"	33.31"	40.13"	43.44"	46.75"	14.44"	12,287

All dimensions are approximate.

Galvanized Rigid Steel Special Radius Elbows



Application

- Used in conjunction with rigid couplings to make a 45° or 90° bend between two lengths of threaded GRC or IMC conduit

Features

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions in the installation
- Can be used in both indoor and outdoor applications, offering the customer increased flexibility
- Made of steel and galvanized for corrosion resistance
- NPT threads

Standard Materials

- Steel

Standard Finish

- Galvanized

Compliance Information

UL Standards

- ANSI/UL 6
- CSA-C22.2 No. 45.1

Robroy File Number

- E2314

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 344

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

Mexican Official Standard

- NOM-001-SEDE

Galvanized Rigid Steel Special Radius Elbows

UL Listed

Catalog Number	Description	App Weight (Lbs.)	Standard Carton
GALELB3/4X90X12	3/4"X90"X12" LG RADIUS GALVANIZED ELBOW	4	BLK
GALELB1X90X12	1"X90"X12" LG RADIUS GALVANIZED ELBOW	4	BLK
GALELB1-1/4X90X12	1-1/4"X90"X12" LG RADIUS GALVANIZED ELBOW	4	BLK
GALELB1-1/2X90X12	1-1/2"X90"X12" LG RADIUS GALVANIZED ELBOW	7	BLK
GALELB2X90X12	2"X90"X12" LG RADIUS GALVANIZED ELBOW	9	BLK
GALELB1-1/4X90X15	1-1/4"X90"X15" LG RADIUS GALVANIZED ELBOW	7	BLK
GALELB1-1/2X90X15	1-1/2"X90"X15" LG RADIUS GALVANIZED ELBOW	8	BLK
GALELB2X90X15	2"X90"X15" LG RADIUS GALVANIZED ELBOW	11	BLK
GALELB1X90X18	1"X90"X18" LG RADIUS GALVANIZED ELBOW	6	BLK
GALELB1-1/4X90X18	1-1/4"X90"X18" LG RADIUS GALVANIZED ELBOW	8	BLK
GALELB1-1/2X90X18	1-1/2"X90"X18" LG RADIUS GALVANIZED ELBOW	10	BLK
GALELB2X90X18	2"X90"X18" LG RADIUS GALVANIZED ELBOW	13	BLK
GALELB2-1/2X90X18	2-1/2"X90"X18" LG RADIUS GALVANIZED ELBOW	21	BLK
GALELB3X90X18	3"X90"X18" LG RADIUS GALVANIZED ELBOW	25	BLK
GALELB3-1/2X90X18	3-1/2"X90"X18" LG RADIUS GALVANIZED ELBOW	34	BLK
GALELB4X90X18	4"X90"X18" LG RADIUS GALVANIZED ELBOW	38	BLK
GALELB1X90X24	1"X90"X24" LG RADIUS GALVANIZED ELBOW	8	BLK
GALELB1-1/4X90X24	1-1/4"X90"X24" LG RADIUS GALVANIZED ELBOW	11	BLK
GALELB1-1/2X90X24	1"X90"X24" LG RADIUS GALVANIZED ELBOW	13	BLK
GALELB2X90X24	2"X90"X24" LG RADIUS GALVANIZED ELBOW	17	BLK
GALELB2-1/2X90X24	2-1/2"X90"X24" LG RADIUS GALVANIZED ELBOW	27	BLK
GALELB3X90X24	3"X90"X24" LG RADIUS GALVANIZED ELBOW	35	BLK
GALELB4X90X24	4"X90"X24" LG RADIUS GALVANIZED ELBOW	45	BLK
GALELB1X90X30	1"X90"X30" LG RADIUS GALVANIZED ELBOW	9	BLK
GALELB1-1/4X90X30	1-1/4"X90"X30" LG RADIUS GALVANIZED ELBOW	13	BLK
GALELB1-1/2X90X30	1-1/2"X90"X30" LG RADIUS GALVANIZED ELBOW	15	BLK
GALELB2X90X30	2"X90"X30" LG RADIUS GALVANIZED ELBOW	20	BLK
GALELB2-1/2X90X30	2-1/2"X90"X30" LG RADIUS GALVANIZED ELBOW	32	BLK
GALELB3X90X30	3"X90"X30" LG RADIUS GALVANIZED ELBOW	42	BLK
GALELB4X90X30	4"X90"X30" LG RADIUS GALVANIZED ELBOW	55	BLK
GALELB5X90X30	5"X90"X30" LG RADIUS GALVANIZED ELBOW	77	BLK
GALELB1X90X36	1"X90"X36" LG RADIUS GALVANIZED ELBOW	11	BLK
GALELB1-1/4X90X36	1-1/4"X90"X36" LG RADIUS GALVANIZED ELBOW	15	BLK
GALELB1-1/2X90X36	1-1/2"X90"X36" LG RADIUS GALVANIZED ELBOW	18	BLK
GALELB2X90X36	2"X90"X36" LG RADIUS GALVANIZED ELBOW	24	BLK
GALELB2-1/2X90X36	2-1/2"X90"X36" LG RADIUS GALVANIZED ELBOW	38	BLK
GALELB3X90X36	3"X90"X36" LG RADIUS GALVANIZED ELBOW	49	BLK
GALELB3-1/2X90X36	3-1/2"X90"X36" LG RADIUS GALVANIZED ELBOW	58	BLK
GALELB4X90X36	4"X90"X36" LG RADIUS GALVANIZED ELBOW	65	BLK
GALELB5X90X36	5"X90"X36" LG RADIUS GALVANIZED ELBOW	91	BLK
GALELB6X90X36	6"X90"X36" LG RADIUS GALVANIZED ELBOW	123	BLK

Galvanized Rigid Steel Special Radius Elbows

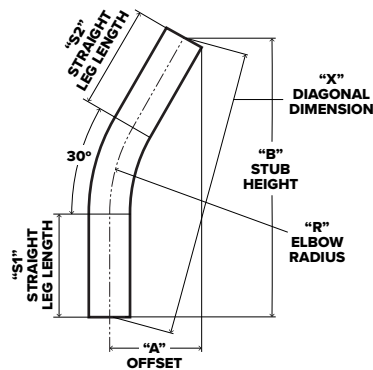
UL Listed

Catalog Number	Description	App Weight (Lbs.)	Standard Carton
GALELB4X90X42	4"X90"X42" LG RADIUS GALVANIZED ELBOW	70	BLK
GALELB5X90X42	5"X90"X42" LG RADIUS GALVANIZED ELBOW	98	BLK
GALELB1X90X48	1"X90"X48" LG RADIUS GALVANIZED ELBOW	14	BLK
GALELB1-1/4X90X48	1-1/4"X90"X48" LG RADIUS GALVANIZED ELBOW	18	BLK
GALELB1-1/2X90X48	1-1/2"X90"X48" LG RADIUS GALVANIZED ELBOW	22	BLK
GALELB2X90X48	2"X90"X48" LG RADIUS GALVANIZED ELBOW	29	BLK
GALELB2-1/2X90X48	2-1/2"X90"X48" LG RADIUS GALVANIZED ELBOW	46	BLK
GALELB3X90X48	3"X90"X48" LG RADIUS GALVANIZED ELBOW	61	BLK
GALELB3-1/2X90X48	3-1/2"X90"X48" LG RADIUS GALVANIZED ELBOW	72	BLK
GALELB4X90X48	4"X90"X48" LG RADIUS GALVANIZED ELBOW	80	BLK
GALELB5X90X48	5"X90"X48" LG RADIUS GALVANIZED ELBOW	112	BLK
GALELB6X90X48	6"X90"X48" LG RADIUS GALVANIZED ELBOW	152	BLK
GALELB4X90X60	4"X90"X60" LG RADIUS GALVANIZED ELBOW	96	BLK
GALELB5X90X60	5"X90"X60" LG RADIUS GALVANIZED ELBOW	132	BLK
GALELB6X90X60	6"X90"X60" LG RADIUS GALVANIZED ELBOW	175	BLK

Weights shown are approximate for 90° elbows. To arrive at weights for 60° elbows deduct 10%, for 45° elbows deduct 15%, and 30° elbows deduct 20%. Galvanized special radius elbows are available in 45°, 60°, and 30°. **All special radius elbows are noncancelable and nonreturnable.**

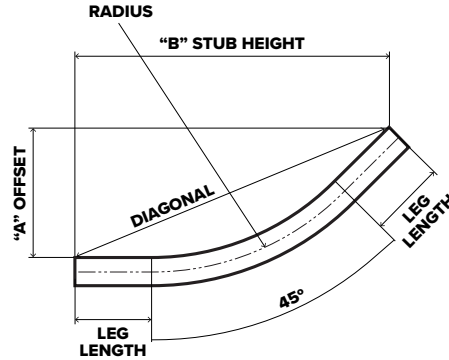
Galvanized Rigid Steel Special Radius Elbows • 30°

GALVANIZED STEEL



Size	Radius	15"	18"	24"	30"	36"	48"	60"
1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-5/7"	33-1/9"	38-5/7"	58"	58-1/6"	58-1/3"	77"
	"A" OFFSET	6-2/3"	8-4/7"	10"	15"	15"	15"	20"
	"B" STUB HEIGHT	24-5/6"	32"	37-2/5"	56-1/9"	56-1/5"	56-1/3"	74-3/8"
3/4"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-5/7"	33-1/9"	38-5/7"	58"	58-1/6"	58-1/3"	77"
	"A" OFFSET	6-2/3"	8-4/7"	10"	15"	15"	15"	20"
	"B" STUB HEIGHT	24-5/6"	32"	37-2/5"	56-1/9"	56-1/5"	56-1/3"	74-3/8"
1"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-3/5"	33"	38-4/7"	58"	58"	58-1/5"	76-7/8"
	"A" OFFSET	6-5/8"	8-1/2"	10"	15"	15"	15"	19-8/9"
	"B" STUB HEIGHT	24-5/7"	31-6/7"	37-1/4"	56"	56"	56-1/5"	74-1/4"
1-1/4"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-1/2"	33"	38-1/2"	57-7/8"	58"	58"	76-7/9"
	"A" OFFSET	6-3/5"	8-1/2"	10"	15"	15"	15"	19-7/8"
	"B" STUB HEIGHT	24-2/3"	31-7/9"	37-1/6"	56"	56"	56-1/9"	74-1/6"
1-1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-4/9"	32-5/6"	38-3/7"	57-5/6"	58-8/9"	58"	76-5/7"
	"A" OFFSET	6-3/5"	8-1/2"	10"	15"	15"	15"	19-6/7"
	"B" STUB HEIGHT	24-4/7"	31-5/7"	37-1/8"	55-6/7"	56"	56"	74-1/9"
2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-1/3"	32-5/7"	38-1/3"	57-2/3"	57-3/4"	58"	76-3/5"
	"A" OFFSET	6-5/9"	8-1/2"	10"	15"	15"	15"	19-5/6"
	"B" STUB HEIGHT	24-1/2"	31-3/5"	37"	55-3/4"	55-4/5"	56"	74"
2-1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-1/5"	32-3/5"	38-1/6"	57-4/7"	57-2/3"	57-7/9"	76-1/2"
	"A" OFFSET	6-1/2"	8-3/7"	9-7/8"	14-8/9"	15"	15"	19-4/5"
	"B" STUB HEIGHT	24-1/3"	31-1/2"	36-7/8"	55-3/5"	55-2/3"	55-4/5"	73-6/7"
3"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25"	32-3/7"	38"	57-2/5"	57-1/2"	57-5/8"	76-1/3"
	"A" OFFSET	6-1/2"	8-2/5"	9-5/6"	14-6/7"	14-7/8"	15"	19-3/4"
	"B" STUB HEIGHT	24-1/6"	31-1/3"	36-5/7"	55-4/9"	55-1/2"	55-2/3"	73-5/7"
3-1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25"	32-2/7"	37-8/9"	57-2/7"	57-1/3"	57-1/2"	76-1/6"
	"A" OFFSET	6-4/9"	8-1/3"	9-4/5"	14-5/6"	14-5/6"	14-7/8"	19-5/7"
	"B" STUB HEIGHT	24"	31-1/5"	36-3/5"	55-1/3"	55-2/5"	55-1/2"	73-4/7"
4"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	24-7/9"	32-1/6"	37-3/4"	57-1/7"	57-2/9"	57-1/3"	76"
	"A" OFFSET	6-2/5"	8-1/3"	9-7/9"	14-4/5"	14-4/5"	14-5/6"	19-2/3"
	"B" STUB HEIGHT	24"	31"	36-1/2"	55-1/5"	55-1/4"	55-2/5"	73-1/2"
5"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	24-1/2"	31-8/9"	37-1/2"	56-7/8"	57"	57"	75-7/9"
	"A" OFFSET	6-1/3"	8-1/4"	9-5/7"	14-5/7"	14-3/4"	14-7/9"	19-3/5"
	"B" STUB HEIGHT	23-2/3"	30-4/5"	36-1/5"	55"	55"	55-1/7"	73-1/5"
6"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	24-2/9"	31-5/8"	37-1/5"	56-3/5"	56-2/3"	56-4/5"	75-1/2"
	"A" OFFSET	6-1/4"	8-1/5"	9-5/8"	14-2/3"	14-2/3"	14-5/7"	19-1/2"
	"B" STUB HEIGHT	23-2/5"	30-1/2"	36"	54-2/3"	54-3/4"	54-7/8"	73"

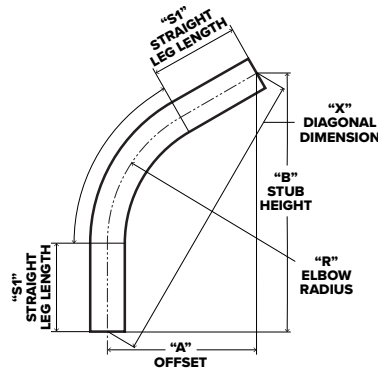
Galvanized Rigid Steel Special Radius Elbows • 45°



Size	Radius	12"	15"	18"	24"	30"	36"	42"	48"	60"
1"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
1-1/4"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
1-1/2"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
2"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
2-1/2"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
3"	LEG LENGTH	9"	10"	11"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
3-1/2"	LEG LENGTH	9"	10"	11"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
4"	LEG LENGTH	9"	10"	11"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
5"	LEG LENGTH	9"	10"	11"	11"	11"	11"	12"	11-15/16"	12"
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	71-1/8"
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	68-1/8"
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	26-1/16"
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	62-15/16"
6"	LEG LENGTH	9"	10"	11"	11"	11"	11"	12"	11-15/16"	12"
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	71-1/8"
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	68-1/8"
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	26-1/16"
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	62-15/16"

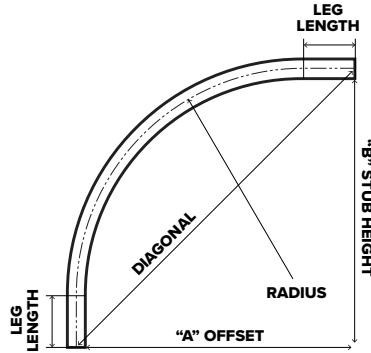
Galvanized Rigid Steel Special Radius Elbows • 60°

GALVANIZED STEEL



Size	Radius	12"	18"	24"	30"	36"	48"	60"
1/2"	LEG LENGTH	8-5/7"	14-4/7"	17-3/7"	24-2/7"	21-1/7"	34-7/8"	28-3/5"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-2/3"	42-5/6"	53-7/9"	71-2/3"	72-1/5"	108"	109"
	"A" OFFSET	13-1/3"	21-2/5"	26-8/9"	35-5/6"	36-1/9"	54"	54-1/2"
	"B" STUB HEIGHT	23-1/9"	37"	46-4/7"	62"	62-1/2"	93-1/2"	94-1/2"
3/4"	LEG LENGTH	3"	4-4/7"	5-3/5"	7-1/2"	7-1/4"	11"	10-1/2"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-4/7"	42-5/7"	53-2/3"	71-5/9"	72-1/9"	107-7/8"	109"
	"A" OFFSET	13-2/7"	21-1/3"	26-5/6"	35-7/9"	36"	54"	54-1/2"
	"B" STUB HEIGHT	23"	37"	46-1/2"	62"	62-4/9"	93-2/5"	94-3/8"
1"	LEG LENGTH	3"	4-5/8"	5-2/3"	7-5/9"	7-1/3"	11"	10-4/7"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-4/9"	42-3/5"	53-1/2"	71-3/7"	72"	107-3/4"	108-6/7"
	"A" OFFSET	13-2/9"	21-2/7"	26-3/4"	35-5/7"	36"	53-7/8"	54-3/7"
	"B" STUB HEIGHT	22-8/9"	36-7/8"	46-3/8"	61-6/7"	62-1/3"	93-1/3"	94-1/4"
1-1/4"	LEG LENGTH	3"	4-2/3"	5-5/7"	7-5/8"	7-1/3"	11-1/7"	10-2/3"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-1/4"	42-2/5"	53-3/8"	71-1/4"	71-4/5"	107-5/9"	108-2/3"
	"A" OFFSET	13-1/7"	21-1/5"	26-2/3"	35-5/8"	36"	53-7/9"	54-1/3"
	"B" STUB HEIGHT	22-3/4"	36-3/4"	46-2/9"	61-5/7"	62-1/5"	93-1/7"	94-1/8"
1-1/2"	LEG LENGTH	3"	4-3/4"	5-4/5"	7-2/3"	7-4/9"	11-2/9"	10-5/7"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-1/7"	42-2/7"	53-1/4"	71-1/8"	71-2/3"	107-4/9"	108-5/9"
	"A" OFFSET	13"	21-1/7"	26-5/8"	35-4/7"	35-5/6"	53-5/7"	54-2/7"
	"B" STUB HEIGHT	22-2/3"	36-5/8"	46-1/9"	61-3/5"	62"	93"	94"
2"	LEG LENGTH	3-1/7"	4-5/6"	5-6/7"	7-3/4"	7-1/2"	11-2/7"	10-7/9"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26"	42"	53"	70-8/9"	71-4/9"	107-1/5"	108-1/3"
	"A" OFFSET	13"	21"	26-1/2"	35-4/9"	35-5/7"	53-3/5"	54-1/6"
	"B" STUB HEIGHT	22-4/9"	36-3/7"	46"	61-2/5"	61-7/8"	92-5/6"	93-4/5"
2-1/2"	LEG LENGTH	3-1/4"	5"	6"	7-6/7"	7-3/5"	11-2/5"	10-7/8"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	25-2/3"	41-4/5"	52-3/4"	70-2/3"	71-1/5"	107"	108"
	"A" OFFSET	12-5/6"	21"	26-3/8"	35-1/3"	35-3/5"	53-1/2"	54"
	"B" STUB HEIGHT	22-2/9"	36-1/5"	45-2/3"	61-1/6"	61-2/3"	92-5/8"	93-3/5"
3"	LEG LENGTH	3-3/8"	5"	6"	8"	7-5/7"	11-1/2"	11"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	25-1/3"	41-1/2"	52-4/9"	70-1/3"	70-8/9"	106-2/3"	107-3/4"
	"A" OFFSET	12-2/3"	20-3/4"	26-2/9"	35-1/6"	35-4/9"	53-1/3"	53-7/8"
	"B" STUB HEIGHT	22"	36"	45-3/7"	61"	61-2/5"	92-1/3"	93-1/3"
3-1/2"	LEG LENGTH	3-1/2"	5-1/5"	6-2/9"	8-1/9"	7-6/7"	11-2/3"	11-1/7"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	25"	41-1/4"	52-1/5"	70"	70-5/8"	106-2/5"	107-1/2"
	"A" OFFSET	12-5/9"	20-5/8"	26"	35"	35-1/3"	53-1/5"	53-3/4"
	"B" STUB HEIGHT	21-3/4"	35-5/7"	45-1/5"	60-2/3"	61-1/6"	92-1/7"	93-1/9"
4"	LEG LENGTH	3-5/8"	5-2/7"	6-1/3"	8-2/9"	8"	11-3/4"	11-1/4"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	24-6/7"	41"	52"	69-5/6"	70-3/8"	106-1/7"	107-1/4"
	"A" OFFSET	12-3/7"	20-1/2"	26"	35"	35-1/5"	53"	53-5/8"
	"B" STUB HEIGHT	21-1/2"	35-1/2"	45"	60-1/2"	61"	92"	92-8/9"
5"	LEG LENGTH	3-3/4"	5-2/5"	6-4/9"	8-1/3"	8"	11-7/8"	11-1/3"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	24-1/3"	40-1/2"	51-2/5"	69-2/7"	69-6/7"	105-3/5"	106-3/4"
	"A" OFFSET	12-1/6"	20-1/4"	25-5/7"	34-2/3"	35"	52-4/5"	53-3/8"
	"B" STUB HEIGHT	21"	35"	44-1/2"	60"	60-1/2"	91-1/2"	92-3/7"
6"	LEG LENGTH	4"	5-2/3"	6-2/3"	8-4/7"	8-1/3"	12-1/9"	11-3/5"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	23-7/9"	40"	50-8/9"	68-3/4"	69-1/3"	105"	106-1/5"
	"A" OFFSET	11-8/9"	20"	25-4/9"	34-3/8"	34-2/3"	52-1/2"	53"
	"B" STUB HEIGHT	20-3/5"	34-4/7"	44"	59-5/9"	60"	91"	92"

Galvanized Rigid Steel Special Radius Elbows • 90°



Size	Radius	12"	15"	18"	24"	30"	36"	42"	48"	60"
1"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
1-1/4"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
1-1/2"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
2"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
2-1/2"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
3"	LEG LENGTH		9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH		42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL		34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET		24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
3-1/2"	LEG LENGTH			9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH			48"	59"	69"	78"	90"	102"	
	DIAGONAL			39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
4"	LEG LENGTH			9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH			48"	59"	69"	78"	90"	102"	
	DIAGONAL			39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
5"	LEG LENGTH					10-15/16"	10-3/4"	12"	13-5/16"	11-7/8"
	UNBENT LENGTH					69"	78"	90"	102"	118"
	DIAGONAL					57-7/8"	66-1/16"	76-3/8"	86-11/16"	101-1/2"
	"A" OFFSET					40-15/16"	46-3/4"	54"	61-5/16"	71-7/8"
6"	LEG LENGTH						10-3/4"	12"	13-5/16"	11-7/8"
	UNBENT LENGTH						78"	90"	102"	118"
	DIAGONAL						66-1/16"	76-3/8"	86-11/16"	101-1/2"
	"A" OFFSET						46-3/4"	54"	61-5/16"	71-7/8"
	"B" STUB HEIGHT						46-3/4"	54"	61-5/16"	71-7/8"

Galvanized Rigid Steel Yard Elbows

Application

- Galvanized Rigid Conduit (GRC) Yard Elbows are used in conduit raceways for underground stub-ups, and interconnection of conduit runs and other fittings

Features

- Can be used in both indoor and outdoor applications, offering customer increased flexibility
- NPT threads
- Made of steel and hot-dip galvanized for corrosion resistance

Standard Materials

- Steel

Standard Finish

- Hot-dip galvanized

Compliance Information

UL Standards

- ANSI/UL 6
- CSA-C22.2 No. 45.1

Robroy File Number

- E2314

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 344

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

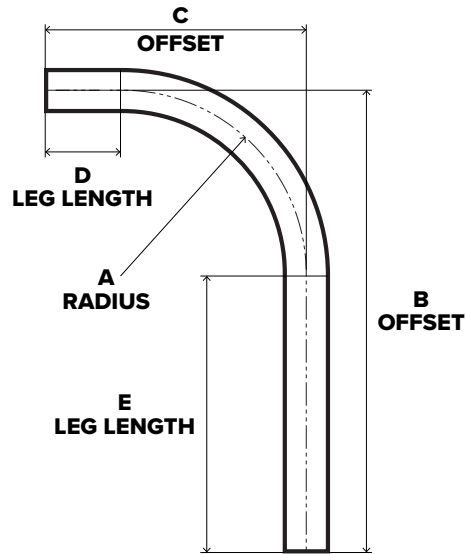
Mexican Official Standard

- NOM-001-SEDE

UL Listed

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
GALELB-YD-1/2X90	1/2" HOT DIP GALVANIZED YARD LIGHT ELBOWS	145	25
GALELB-YD-3/4X90	3/4" HOT DIP GALVANIZED YARD LIGHT ELBOWS	197	25
GALELB-YD-1X90	1" HOT DIP GALVANIZED YARD LIGHT ELBOWS	316	25
GALELB-YD-1-1/4X90	1-1/4" HOT DIP GALVANIZED YARD LIGHT ELBOWS	495	10
GALELB-YD-1-1/2X90	1-1/2" HOT DIP GALVANIZED YARD LIGHT ELBOWS	615	BLK
GALELB-YD-2X90	2" HOT DIP GALVANIZED YARD LIGHT ELBOWS	975	BLK
GALELB-YD-2-1/2X90	2-1/2" HOT DIP GALVANIZED YARD LIGHT ELBOWS	1590	BLK
GALELB-YD-3X90	3" HOT DIP GALVANIZED YARD LIGHT ELBOWS	2380	BLK
GALELB-YD-3-1/2X90	3-1/2" HOT DIP GALVANIZED YARD LIGHT ELBOWS	3250	BLK
GALELB-YD-4X90	4" HOT DIP GALVANIZED YARD LIGHT ELBOWS	4030	BLK

Galvanized Rigid Steel Yard Elbows



Nominal Size	A	B	C	D	E
1/2"	4"	18"	6-3/16"	2-3/16"	14"
3/4"	4-1/2"	18"	6-3/4"	2-1/4"	13-1/2"
1"	5-3/4"	18"	8-5/8"	2-7/8"	12-1/4"
1-1/4"	7-1/4"	19-1/4"	10-1/4"	3-1/4"	12-1/4"
1-1/2"	8-1/4"	20-1/2"	11-5/8"	3-3/8"	12-1/4"
2"	9-1/2"	21-1/2"	14-1/2"	5"	12"
2-1/2"	10-1/2"	22-1/2"	16"	5-1/2"	12"
3"	13"	25"	19-1/4"	6-1/4"	12"
3-1/2"	15"	27"	22-3/4"	7-3/4"	12"
4"	16"	28"	24"	8"	12"

Aluminum Conduit Couplings



Application

- Used to join two lengths of threaded aluminum conduit; can be used in both indoor and outdoor applications

Features

- Lightweight
- Easy to install
- Corrosion-resistant

Standard Materials

- Aluminum

Compliance Information

UL Standards

- ANSI/UL 6A
- CSA-C22.2 No. 45.2

Robroy File Number

- E98405

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 344

Canadian Code Compliance

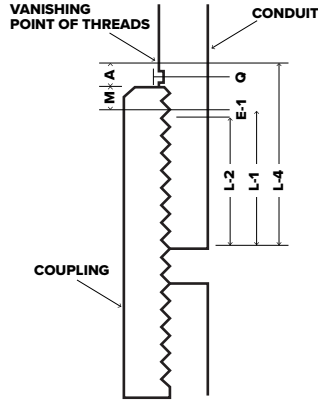
- CAN/CSA C22.1, Canadian Electrical Code, Part 1

Mexican Official Standard

- NOM-001-SEDE

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
ALUCPLG-1/2	1/2" ALUMINUM COUPLING	6	50
ALUCPLG-3/4	3/4" ALUMINUM COUPLING	9	50
ALUCPLG-1	1" ALUMINUM COUPLING	13	50
ALUCPLG-1-1/4	1-1/4" ALUMINUM COUPLING	19	50
ALUCPLG-1-1/2	1-1/2" ALUMINUM COUPLING	23	50
ALUCPLG-2	2" ALUMINUM COUPLING	35	20
ALUCPLG-2-1/2	2-1/2" ALUMINUM COUPLING	68	12
ALUCPLG-3	3" ALUMINUM COUPLING	91	12
ALUCPLG-3-1/2	3-1/2" ALUMINUM COUPLING	108	12
ALUCPLG-4	4" ALUMINUM COUPLING	142	12
ALUCPLG-5	5" ALUMINUM COUPLING	242	BLK
ALUCPLG-6	6" ALUMINUM COUPLING	320	BLK

Conduit Thread and Coupling



Conduit		Threads					Coupling*		
Nominal Size	Threads Per Inch (No.)	Length from End of Pipe to Hand-Tight Plane (L-1)	Effective Length (L-2)	Total Length of Threads to Vanish Point (L-4)	Pitch Diameter at End of Thread 3/4" Taper per Ft.	Pitch Diameter at Hand-Tight Plane (E-1)	Length from Hand-Tight Plane to Face Coupling (M)	Dia. of Countersink (Q)	Hand-Tight Stand Off Basic Inches (A)
1/2"	14	.5658"	.5337"	.7815"	.7584"	.7938"	.1086"	.840"	1-1/2"
3/4"	14	.5778"	.5457"	.7935"	.9677"	1.0038"	.1086"	1.050"	1-1/2"
1"	11-1/2	.7217"	.6828"	.9845"	1.2136"	1.2587"	.1323"	1.315"	1-1/2"
1-1/4"	11-1/2	.7457"	.7068"	1.0085"	1.5571"	1.6037"	.1323"	1.660"	1-1/2"
1-1/2"	11-1/2	.7624"	.7235"	1.0252"	1.7961"	1.8437"	.1323"	1.900"	1-1/2"
2"	11-1/2	.7954"	.7565"	1.0582"	2.2690"	2.3187"	.1323"	2.375"	1-1/2"
2-1/2"	8	1.1935"	1.1375"	1.5712"	2.7195"	2.7941"	.1902"	2.875"	1-1/2"
3"	8	1.2560"	1.2000"	1.6337"	3.3406"	3.4191"	.1902"	3.500"	1-1/2"
3-1/2"	8	1.3060"	1.2500"	1.6837"	3.8375"	3.9191"	.1902"	4.000"	1-1/2"
4"	8	1.3560"	1.3000"	1.7337"	4.3344"	4.4191"	.1902"	4.500"	1-1/2"
5"	8	1.4623"	1.4063"	1.8400"	5.3907"	5.4821"	.1902"	5.563"	1-1/2"
6"	8	1.5685"	1.5125"	1.9462"	6.4461"	6.5441"	.1902"	6.625"	1-1/2"

*Couplings are straight tapped.

Tolerance, thread length = ± 1 thread. Plus or minus 1 turn is the maximum variation permitted from the gaging face of the working thread gages. This is equivalent to plus or minus 1 and 1-1/2 turns from basic dimensions, since a variation of plus or minus 1/2 turn from basic dimensions is permitted in working gages.

Aluminum Conduit Nipples



Application

- For use with aluminum conduit to join two enclosures or conduit bodies together

Features

- Can be used in both indoor and outdoor applications, offering customer increased flexibility
- Can be used in hazardous and non-hazardous locations
- Available from close through 12" to suit customer application
- NPT threads
- Lightweight
- Corrosion-resistant

Standard Materials

- Aluminum

Compliance Information

UL Standards

- ANSI/UL 6
- CSA-C22.2 No. 45.1

Robroy File Number

- E2314

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 344

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

Mexican Official Standard

- NOM-001-SEDE

Aluminum Conduit Nipples

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
ALUNIP1/2XCL	1/2"X1-1/8" (CL) ALUMINUM NIPPLE	2	25
ALUNIP3/4XCL	3/4"X1-3/8" (CL) ALUMINUM NIPPLE	3	25
ALUNIP1XCL	1"X1-1/2" (CL) ALUMINUM NIPPLE	4	25
ALUNIP1-1/4XCL	1-1/4"X1-5/8" (CL) ALUMINUM NIPPLE	7	25
ALUNIP1-1/2XCL	1-1/2"X1-3/4" (CL) ALUMINUM NIPPLE	10	25
ALUNIP2XCL	2"X2" (CL) ALUMINUM NIPPLE	16	25
ALUNIP2-1/2XCL	2-1/2"X2-1/2" (CL) ALUMINUM NIPPLE	22	12
ALUNIP3XCL	3"X2-5/8" (CL) ALUMINUM NIPPLE	24	12
ALUNIP3-1/2XCL	3-1/2"X2-3/4" (CL) ALUMINUM NIPPLE	42	12
ALUNIP4XCL	4"X2-7/8" (CL) ALUMINUM NIPPLE	51	12
ALUNIP5XCL	5"X3" (CL) ALUMINUM NIPPLE	71	BLK
ALUNIP6XCL	6"X3-1/8" (CL) ALUMINUM NIPPLE	105	BLK
ALUNIP1/2X1-1/2	1/2"X1-1/2" ALUMINUM NIPPLE	3	25
ALUNIP3/4X1-1/2	3/4"X1-1/2" ALUMINUM NIPPLE	3	25
ALUNIP1/2X2	1/2"X2" ALUMINUM NIPPLE	4	25
ALUNIP3/4X2	3/4"X2" ALUMINUM NIPPLE	5	25
ALUNIP1X2	1"X2" ALUMINUM NIPPLE	7	25
ALUNIP1-1/4X2	1-1/4"X2" ALUMINUM NIPPLE	10	25
ALUNIP1-1/2X2	1-1/2"X2" ALUMINUM NIPPLE	12	25
ALUNIP1/2X2-1/2	1/2"X2-1/2" ALUMINUM NIPPLE	5	25
ALUNIP3/4X2-1/2	3/4"X2-1/2" ALUMINUM NIPPLE	7	25
ALUNIP1X2-1/2	1"X2-1/2" ALUMINUM NIPPLE	8	25
ALUNIP1-1/4X2-1/2	1-1/4"X2-1/2" ALUMINUM NIPPLE	13	25
ALUNIP1-1/2X2-1/2	1-1/2"X2-1/2" ALUMINUM NIPPLE	16	25
ALUNIP2X2-1/2	2"X2-1/2" ALUMINUM NIPPLE	22	25
ALUNIP1/2X3	1/2"X3" ALUMINUM NIPPLE	7	25
ALUNIP3/4X3	3/4"X3" ALUMINUM NIPPLE	8	25
ALUNIP1X3	1"X3" ALUMINUM NIPPLE	12	25
ALUNIP1-1/4X3	1-1/4"X3" ALUMINUM NIPPLE	16	25
ALUNIP1-1/2X3	1-1/2"X3" ALUMINUM NIPPLE	20	25
ALUNIP2X3	2"X3" ALUMINUM NIPPLE	27	25
ALUNIP2-1/2X3	2-1/2"X3" ALUMINUM NIPPLE	30	12
ALUNIP3X3	3"X3" ALUMINUM NIPPLE	42	12
ALUNIP1/2X3-1/2	1/2"X3-1/2" ALUMINUM NIPPLE	8	25
ALUNIP3/4X3-1/2	3/4"X3-1/2" ALUMINUM NIPPLE	10	25
ALUNIP1X3-1/2	1"X3-1/2" ALUMINUM NIPPLE	14	25
ALUNIP1-1/4X3-1/2	1-1/4"X3-1/2" ALUMINUM NIPPLE	20	25
ALUNIP1-1/2X3-1/2	1-1/2"X3-1/2" ALUMINUM NIPPLE	24	25
ALUNIP2X3-1/2	2"X3-1/2" ALUMINUM NIPPLE	32	25
ALUNIP2-1/2X3-1/2	2-1/2"X3-1/2" ALUMINUM NIPPLE	39	12
ALUNIP3X3-1/2	3"X3-1/2" ALUMINUM NIPPLE	53	12

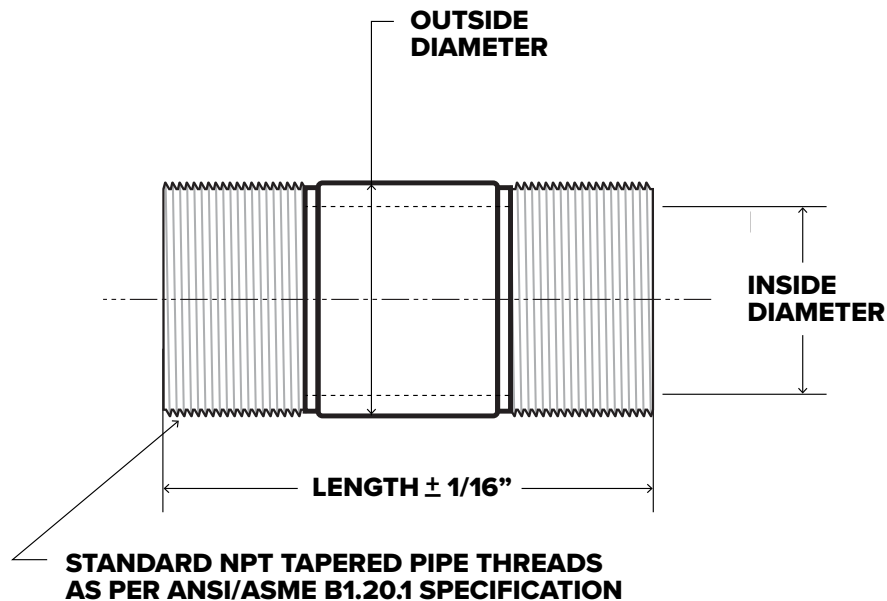
Aluminum Conduit Nipples

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
ALUNIP1/2X4	1/2"X4" ALUMINUM NIPPLE	9	25
ALUNIP3/4X4	3/4"X4" ALUMINUM NIPPLE	12	25
ALUNIP1X4	1"X4" ALUMINUM NIPPLE	16	25
ALUNIP1-1/4X4	1-1/4"X4" ALUMINUM NIPPLE	23	25
ALUNIP1-1/2X4	1-1/2"X4" ALUMINUM NIPPLE	28	25
ALUNIP2X4	2"X4" ALUMINUM NIPPLE	38	25
ALUNIP2-1/2X4	2-1/2"X4" ALUMINUM NIPPLE	47	12
ALUNIP3X4	3"X4" ALUMINUM NIPPLE	64	12
ALUNIP3-1/2X4	3-1/2"X4" ALUMINUM NIPPLE	75	12
ALUNIP4X4	4"X4" ALUMINUM NIPPLE	87	12
ALUNIP1/2X5	1/2"X5" ALUMINUM NIPPLE	12	25
ALUNIP3/4X5	3/4"X5" ALUMINUM NIPPLE	15	25
ALUNIP1X5	1"X5" ALUMINUM NIPPLE	21	25
ALUNIP1-1/4X5	1-1/4"X5" ALUMINUM NIPPLE	29	25
ALUNIP1-1/2X5	1-1/2"X5" ALUMINUM NIPPLE	36	25
ALUNIP2X5	2"X5" ALUMINUM NIPPLE	48	25
ALUNIP2-1/2X5	2-1/2"X5" ALUMINUM NIPPLE	64	12
ALUNIP3X5	3"X5" ALUMINUM NIPPLE	86	12
ALUNIP3-1/2X5	3-1/2"X5" ALUMINUM NIPPLE	101	12
ALUNIP4X5	4"X5" ALUMINUM NIPPLE	118	12
ALUNIP5X5	5"X5" ALUMINUM NIPPLE	155	BLK
ALUNIP6X5	6"X5" ALUMINUM NIPPLE	208	BLK
ALUNIP1/2X6	1/2"X6" ALUMINUM NIPPLE	14	25
ALUNIP3/4X6	3/4"X6" ALUMINUM NIPPLE	18	25
ALUNIP1X6	1"X6" ALUMINUM NIPPLE	26	25
ALUNIP1-1/4X6	1-1/4"X6" ALUMINUM NIPPLE	36	25
ALUNIP1-1/2X6	1-1/2"X6" ALUMINUM NIPPLE	44	25
ALUNIP2X6	2"X6" ALUMINUM NIPPLE	58	25
ALUNIP2-1/2X6	2-1/2"X6" ALUMINUM NIPPLE	80	10
ALUNIP3X6	3"X6" ALUMINUM NIPPLE	108	10
ALUNIP3-1/2X6	3-1/2"X6" ALUMINUM NIPPLE	128	5
ALUNIP4X6	4"X6" ALUMINUM NIPPLE	149	5
ALUNIP5X6	5"X6" ALUMINUM NIPPLE	197	BLK
ALUNIP6X6	6"X6" ALUMINUM NIPPLE	263	BLK

Aluminum Conduit Nipples

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
ALUNIP1/2X8	1/2"X8" ALUMINUM NIPPLE	19	25
ALUNIP3/4X8	3/4"X8" ALUMINUM NIPPLE	25	25
ALUNIP1X8	1"X8" ALUMINUM NIPPLE	36	25
ALUNIP1-1/4X8	1-1/4"X8" ALUMINUM NIPPLE	49	10
ALUNIP1-1/2X8	1-1/2"X8" ALUMINUM NIPPLE	59	10
ALUNIP2X8	2"X8" ALUMINUM NIPPLE	78	10
ALUNIP2-1/2X8	2-1/2"X8" ALUMINUM NIPPLE	114	5
ALUNIP3X8	3"X8" ALUMINUM NIPPLE	152	5
ALUNIP3-1/2X8	3-1/2"X8" ALUMINUM NIPPLE	180	5
ALUNIP4X8	4"X8" ALUMINUM NIPPLE	212	3
ALUNIP5X8	5"X8" ALUMINUM NIPPLE	281	BLK
ALUNIP6X8	6"X8" ALUMINUM NIPPLE	372	BLK
ALUNIP1/2X10	1/2"X10" ALUMINUM NIPPLE	24	25
ALUNIP3/4X10	3/4"X10" ALUMINUM NIPPLE	31	25
ALUNIP1X10	1"X10" ALUMINUM NIPPLE	45	25
ALUNIP1-1/4X10	1-1/4"X10" ALUMINUM NIPPLE	62	10
ALUNIP1-1/2X10	1-1/2"X10" ALUMINUM NIPPLE	74	10
ALUNIP2X10	2"X10" ALUMINUM NIPPLE	100	10
ALUNIP2-1/2X10	2-1/2"X10" ALUMINUM NIPPLE	148	5
ALUNIP3X10	3"X10" ALUMINUM NIPPLE	196	5
ALUNIP3-1/2X10	3-1/2"X10" ALUMINUM NIPPLE	234	4
ALUNIP4X10	4"X10" ALUMINUM NIPPLE	274	4
ALUNIP5X10	5"X10" ALUMINUM NIPPLE	366	BLK
ALUNIP6X10	6"X10" ALUMINUM NIPPLE	481	BLK
ALUNIP1/2X12	1/2"X12" ALUMINUM NIPPLE	29	25
ALUNIP3/4X12	3/4"X12" ALUMINUM NIPPLE	38	25
ALUNIP1X12	1"X12" ALUMINUM NIPPLE	55	25
ALUNIP1-1/4X12	1-1/4"X12" ALUMINUM NIPPLE	75	10
ALUNIP1-1/2X12	1-1/2"X12" ALUMINUM NIPPLE	90	10
ALUNIP2X12	2"X12" ALUMINUM NIPPLE	120	10
ALUNIP2-1/2X12	2-1/2"X12" ALUMINUM NIPPLE	180	5
ALUNIP3X12	3"X12" ALUMINUM NIPPLE	240	5
ALUNIP3-1/2X12	3-1/2"X12" ALUMINUM NIPPLE	286	4
ALUNIP4X12	4"X12" ALUMINUM NIPPLE	336	4
ALUNIP5X12	5"X12" ALUMINUM NIPPLE	450	BLK
ALUNIP6X12	6"X12" ALUMINUM NIPPLE	591	BLK

Aluminum Conduit Nipples



Material
Aluminum Conduit

Applicable Specification
Underwriters Laboratories
• UL 6A

Pipe Size	Pipe O.D.	Nipple Length																
		Close	Other Lengths Available															
1/2"	0.84"	1-1/8"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
3/4"	1.05"	1-3/8"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"
1"	1.315"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"	
1-1/4"	1.66"	1-5/8"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"	
1-1/2"	1.9"	1-3/4"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"	
2"	2.375"	2"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"		
2-1/2"	2.875"	2-1/2"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"			
3"	3.5"	2-5/8"	3"	3-1/2"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"			
3-1/2"	4"	2-3/4"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"					
4"	4.5"	2-7/8"	4"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"					
5"	5.563"	3"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"						
6"	6.625"	3-1/8"	4-1/2"	5"	5-1/2"	6"	7"	8"	9"	10"	11"	12"						

Aluminum Standard Radius Elbows



Application

- Used in conjunction with rigid couplings to make a 45° or 90° bend between two lengths of threaded aluminum conduit

Features

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions in the installation
- Can be used in both indoor and outdoor applications, offering the customer increased flexibility
- Corrosion-resistant
- Lightweight
- NPT threads

Standard Materials

- Aluminum

Compliance Information

UL Standards

- ANSI/UL 6A
- CSA-C22.2 No. 45.2

Robroy File Number

- E98405

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 344

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

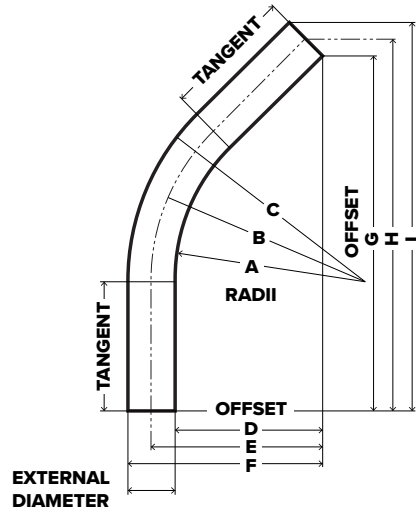
Mexican Official Standard

- NOM-001-SEDE

Aluminum Standard Radius Elbows

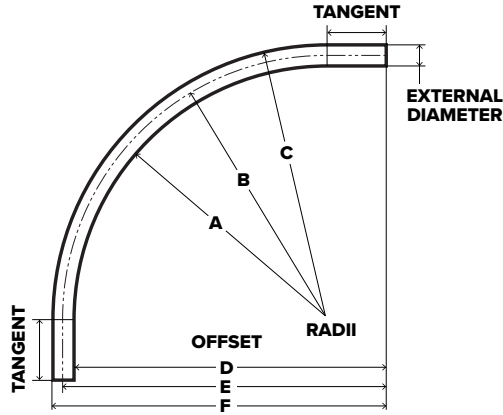
Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
ALUELB1/2X45	1/2"X45" ALUMINUM ELBOW	22	10
ALUELB3/4X45	3/4"X45" ALUMINUM ELBOW	31	10
ALUELB1X45	1"X45" ALUMINUM ELBOW	54	10
ALUELB1-1/4X45	1-1/4"X45" ALUMINUM ELBOW	86	10
ALUELB1-1/2X45	1-1/2"X45" ALUMINUM ELBOW	119	10
ALUELB2X45	2"X45" ALUMINUM ELBOW	196	10
ALUELB2-1/2X45	2-1/2"X45" ALUMINUM ELBOW	347	BLK
ALUELB3X45	3"X45" ALUMINUM ELBOW	545	BLK
ALUELB3-1/2X45	3-1/2"X45" ALUMINUM ELBOW	759	BLK
ALUELB4X45	4"X45" ALUMINUM ELBOW	947	BLK
ALUELB5X45	5"X45" ALUMINUM ELBOW	2101	BLK
ALUELB6X45	6"X45" ALUMINUM ELBOW	3291	BLK
ALUELB1/2X90	1/2"X90" ALUMINUM ELBOW	26	10
ALUELB3/4X90	3/4"X90" ALUMINUM ELBOW	36	10
ALUELB1X90	1"X90" ALUMINUM ELBOW	63	10
ALUELB1-1/4X90	1-1/4"X90" ALUMINUM ELBOW	101	10
ALUELB1-1/2X90	1-1/2"X90" ALUMINUM ELBOW	140	10
ALUELB2X90	2"X90" ALUMINUM ELBOW	230	10
ALUELB2-1/2X90	2-1/2"X90" ALUMINUM ELBOW	408	BLK
ALUELB3X90	3"X90" ALUMINUM ELBOW	641	BLK
ALUELB3-1/2X90	3-1/2"X90" ALUMINUM ELBOW	893	BLK
ALUELB4X90	4"X90" ALUMINUM ELBOW	1114	BLK
ALUELB5X90	5"X90" ALUMINUM ELBOW	2472	BLK
ALUELB6X90	6"X90" ALUMINUM ELBOW	3872	BLK

Aluminum Standard Radius Elbows • 45°



Nominal Size	Diameters		Unbent Length	Radii			Offset						Tangent
	External	Internal		A	B	C	D	E	F	G	H	I	
1/2"	0.84"	0.622"	10.4352"	3.83"	4.25"	4.67"	3.63"	4.05"	4.47"	8.77"	9.06"	9.36"	3.55"
3/4"	1.05"	0.824"	11.4288"	3.98"	4.5"	5.03"	3.96"	4.48"	5.01"	9.55"	9.92"	10.29"	3.95"
1"	1.315"	1.049"	12.6312"	5.09"	5.75"	6.41"	4.36"	5.02"	5.68"	10.53"	10.99"	11.46"	4.06"
1-1/4"	1.66"	1.38"	13.3332"	6.42"	7.25"	8.08"	4.58"	5.41"	6.24"	11.06"	11.65"	12.23"	3.82"
1-1/2"	1.9"	1.61"	14.118"	7.3"	8.25"	9.2"	4.84"	5.79"	6.74"	11.68"	12.35"	13.03"	3.82"
2"	2.375"	2.067"	18.462"	8.31"	9.5"	10.69"	6.32"	7.51"	8.70"	15.27"	16.11"	16.95"	5.50"
2-1/2"	2.875"	2.469"	24"	9.06"	10.5"	11.94"	8.22"	9.66"	11.10"	19.85"	20.87"	21.89"	7.88"
3"	3.5"	3.068"	24"	11.25"	13"	14.75"	9.53"	11.28"	13.03"	19.98"	21.21"	22.45"	6.89"
3-1/2"	4"	3.548"	30"	13"	15"	17"	10.25"	12.25"	14.25"	24.74"	26.16"	27.57"	9.11"
4"	4.5"	4.026"	30"	13.75"	16"	18.25"	10.19"	12.44"	14.69"	24.60"	26.19"	27.79"	8.72"
5"	5.563"	5.047"	48"	21.22"	24"	26.78"	16.52"	19.30"	22.08"	39.89"	41.85"	43.82"	14.58"
6"	6.625"	6.065"	60"	26.68"	30"	33.31"	20.70"	24.01"	27.32"	49.97"	52.32"	54.66"	18.22"

Aluminum Standard Radius Elbows • 90°



Nominal Size	Diameters		Unbent Length	Radii			Offset			Tangent	Steel Approx. Weight Per Carton (Lbs.)
	External	Internal		A	B	C	D	E	F		
1/2"	.840"	.622"	11-1/4"	3.83"	4.25"	4.67"	6.08"	6.50"	6.92"	2.25"	75
3/4"	1.050"	.824"	12-1/2"	3.98"	4.50"	5.03"	6.73"	7.25"	7.78"	2.75"	111
1"	1.315"	1.049"	14-3/4"	5.09"	5.75"	6.41"	8.00"	8.625"	9.285"	2.875"	195
1-1/4"	1.660"	1.380"	17-3/4"	6.42"	7.25"	8.08"	9.607"	10.437"	11.267"	3.187"	320
1-1/2"	1.900"	1.610"	19-3/4"	7.30"	8.25"	9.20"	10.675"	11.625"	12.575"	3.375"	423
2"	2.375"	2.067"	22-1/2"	8.31"	9.50"	10.69"	12.123"	13.313"	14.50"	3.813"	671
2-1/2"	2.875"	2.469"	28"	9.06"	10.50"	11.94"	14.81"	16.25"	17.69"	5.753"	1,288
3"	3.500"	3.068"	32"	11.25"	13.00"	14.75"	17.00"	18.75"	20.50"	5.753"	1,926
3-1/2"	4.000"	3.548"	39-1/2"	13.00"	15.00"	17.00"	20.97"	22.97"	24.97"	7.96"	2,853
4"	4.500"	4.026"	39-1/2"	13.75"	16.00"	18.25"	20.93"	23.18"	25.43"	7.18"	3,373
5"	5.563"	5.047"	59-1/2"	21.22"	24.00"	26.78"	32.12"	34.90"	37.68"	10.90"	7,388
6"	6.625"	6.065"	76"	26.68"	30.00"	33.31"	40.13"	43.44"	46.75"	14.44"	12,287

All dimensions are approximate.

Aluminum Special Radius Elbows



Application

- Used in conjunction with rigid couplings to make a 30°, 45°, 60°, or 90° bend between two lengths of threaded aluminum conduit

Features

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions in the installation
- Can be used in both indoor and outdoor applications, offering the customer increased flexibility
- Corrosion-resistant
- Lightweight
- NPT threads

Standard Materials

- Aluminum

Compliance Information

UL Standards

- ANSI/UL 6A
- CSA-C22.2 No. 45.2

Robroy File Number

- E98405

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 344

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

Mexican Official Standard

- NOM-001-SEDE

Aluminum Special Radius Elbows

Catalog Number	Description	App Weight (Lbs.)	Standard Carton
ALUELB1X30X12	1"X30"X12" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X30X12	1-1/4"X30"X12" ALUMINUM ELBOW	2	BLK
ALUELB1-1/2X30X12	1-1/2"X30"X12" ALUMINUM ELBOW	2	BLK
ALUELB2X30X12	2"X30"X12" ALUMINUM ELBOW	3	BLK
ALUELB2X30X15	2"X30"X15" ALUMINUM ELBOW	3	BLK
ALUELB1X30X18	1"X30"X18" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X30X18	1-1/4"X30"X18" ALUMINUM ELBOW	2	BLK
ALUELB1-1/2X30X18	1-1/2"X30"X18" ALUMINUM ELBOW	3	BLK
ALUELB2X30X18	2"X30"X18" ALUMINUM ELBOW	4	BLK
ALUELB2-1/2X30X18	2-1/2"X30"X18" ALUMINUM ELBOW	6	BLK
ALUELB3X30X18	3"X30"X18" ALUMINUM ELBOW	8	BLK
ALUELB3-1/2X30X18	3-1/2"X30"X18" ALUMINUM ELBOW	10	BLK
ALUELB4X30X18	4"X30"X18" ALUMINUM ELBOW	11	BLK
ALUELB1X30X24	1"X30"X24" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X30X24	1-1/4"X30"X24" ALUMINUM ELBOW	3	BLK
ALUELB1-1/2X30X24	1-1/2"X30"X24" ALUMINUM ELBOW	4	BLK
ALUELB2X30X24	2"X30"X24" ALUMINUM ELBOW	5	BLK
ALUELB2-1/2X30X24	2-1/2"X30"X24" ALUMINUM ELBOW	7	BLK
ALUELB3X30X24	3"X30"X24" ALUMINUM ELBOW	10	BLK
ALUELB3-1/2X30X24	3-1/2"X30"X24" ALUMINUM ELBOW	11	BLK
ALUELB4X30X24	4"X30"X24" ALUMINUM ELBOW	14	BLK
ALUELB1X30X30	1"X30"X30" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X30X30	1-1/4"X30"X30" ALUMINUM ELBOW	3	BLK
ALUELB1-1/2X30X30	1-1/2"X30"X30" ALUMINUM ELBOW	5	BLK
ALUELB2X30X30	2"X30"X30" ALUMINUM ELBOW	6	BLK
ALUELB2-1/2X30X30	2-1/2"X30"X30" ALUMINUM ELBOW	10	BLK
ALUELB3X30X30	3"X30"X30" ALUMINUM ELBOW	13	BLK
ALUELB4X30X30	4"X30"X30" ALUMINUM ELBOW	16	BLK
ALUELB5X30X30	5"X30"X30" ALUMINUM ELBOW	23	BLK
ALUELB1X30X36	1"X30"X36" ALUMINUM ELBOW	3	BLK
ALUELB1-1/4X30X36	1-1/4"X30"X36" ALUMINUM ELBOW	4	BLK
ALUELB1-1/2X30X36	1-1/2"X30"X36" ALUMINUM ELBOW	5	BLK
ALUELB2X30X36	2"X30"X36" ALUMINUM ELBOW	6	BLK
ALUELB2-1/2X30X36	2-1/2"X30"X36" ALUMINUM ELBOW	10	BLK
ALUELB3X30X36	3"X30"X36" ALUMINUM ELBOW	13	BLK
ALUELB3-1/2X30X36	3-1/2"X30"X36" ALUMINUM ELBOW	15	BLK
ALUELB4X30X36	4"X30"X36" ALUMINUM ELBOW	18	BLK
ALUELB5X30X36	5"X30"X36" ALUMINUM ELBOW	26	BLK
ALUELB6X30X36	6"X30"X36" ALUMINUM ELBOW	34	BLK

All products on this page are made to order. Consult factory for lead times.

All aluminum elbows are noncancelable and nonreturnable.

Aluminum Special Radius Elbows

Catalog Number	Description	App Weight (Lbs.)	Standard Carton
ALUELB4X30X42	4"X30"X42" ALUMINUM ELBOW	21	BLK
ALUELB5X30X42	5"X30"X42" ALUMINUM ELBOW	30	BLK
ALUELB1X30X48	1"X30"X48" ALUMINUM ELBOW	4	BLK
ALUELB1-1/4X30X48	1-1/4"X30"X48" ALUMINUM ELBOW	5	BLK
ALUELB1-1/2X30X48	1-1/2"X30"X48" ALUMINUM ELBOW	6	BLK
ALUELB2X30X48	2"X30"X48" ALUMINUM ELBOW	8	BLK
ALUELB2-1/2X30X48	2-1/2"X30"X48" ALUMINUM ELBOW	13	BLK
ALUELB3X30X48	3"X30"X48" ALUMINUM ELBOW	17	BLK
ALUELB3-1/2X30X48	3-1/2"X30"X48" ALUMINUM ELBOW	20	BLK
ALUELB4X30X48	4"X30"X48" ALUMINUM ELBOW	23	BLK
ALUELB5X30X48	5"X30"X48" ALUMINUM ELBOW	34	BLK
ALUELB6X30X48	6"X30"X48" ALUMINUM ELBOW	43	BLK
ALUELB1X45X12	1"X45"X12" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X45X12	1-1/4"X45"X12" ALUMINUM ELBOW	2	BLK
ALUELB1-1/2X45X12	1-1/2"X45"X12" ALUMINUM ELBOW	3	BLK
ALUELB2X45X12	2"X45"X12" ALUMINUM ELBOW	3	BLK
ALUELB2X45X15	2"X45"X15" ALUMINUM ELBOW	3	BLK
ALUELB1X45X18	1"X45"X18" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X45X18	1-1/4"X45"X18" ALUMINUM ELBOW	3	BLK
ALUELB1-1/2X45X18	1-1/2"X45"X18" ALUMINUM ELBOW	3	BLK
ALUELB2X45X18	2"X45"X18" ALUMINUM ELBOW	4	BLK
ALUELB2-1/2X45X18	2-1/2"X45"X18" ALUMINUM ELBOW	7	BLK
ALUELB3X45X18	3"X45"X18" ALUMINUM ELBOW	9	BLK
ALUELB3-1/2X45X18	3-1/2"X45"X18" ALUMINUM ELBOW	10	BLK
ALUELB4X45X18	4"X45"X18" ALUMINUM ELBOW	12	BLK
ALUELB1X45X24	1"X45"X24" ALUMINUM ELBOW	3	BLK
ALUELB1-1/4X45X24	1-1/4"X45"X24" ALUMINUM ELBOW	3	BLK
ALUELB1-1/2X45X24	1-1/2"X45"X24" ALUMINUM ELBOW	4	BLK
ALUELB2X45X24	2"X45"X24" ALUMINUM ELBOW	5	BLK
ALUELB2-1/2X45X24	2-1/2"X45"X24" ALUMINUM ELBOW	8	BLK
ALUELB3X45X24	3"X45"X24" ALUMINUM ELBOW	10	BLK
ALUELB3-1/2X45X24	3-1/2"X45"X24" ALUMINUM ELBOW	12	BLK
ALUELB4X45X24	4"X45"X24" ALUMINUM ELBOW	14	BLK

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Aluminum Special Radius Elbows

Catalog Number	Description	App Weight (Lbs.)	Standard Carton
ALUELB1X45X30	1"X45"X30" ALUMINUM ELBOW	3	BLK
ALUELB1-1/4X45X30	1-1/4"X45"X30" ALUMINUM ELBOW	3	BLK
ALUELB1-1/2X45X30	1-1/2"X45"X30" ALUMINUM ELBOW	4	BLK
ALUELB2X45X30	2"X45"X30" ALUMINUM ELBOW	6	BLK
ALUELB2-1/2X45X30	2-1/2"X45"X30" ALUMINUM ELBOW	9	BLK
ALUELB3X45X30	3"X45"X30" ALUMINUM ELBOW	12	BLK
ALUELB4X45X30	4"X45"X30" ALUMINUM ELBOW	17	BLK
ALUELB5X45X30	5"X45"X30" ALUMINUM ELBOW	25	BLK
ALUELB1X45X36	1"X45"X36" ALUMINUM ELBOW	3	BLK
ALUELB1-1/4X45X36	1-1/4"X45"X36" ALUMINUM ELBOW	4	BLK
ALUELB1-1/2X45X36	1-1/2"X45"X36" ALUMINUM ELBOW	5	BLK
ALUELB2X45X36	2"X45"X36" ALUMINUM ELBOW	7	BLK
ALUELB2-1/2X45X36	2-1/2"X45"X36" ALUMINUM ELBOW	10	BLK
ALUELB3X45X36	3"X45"X36" ALUMINUM ELBOW	14	BLK
ALUELB3-1/2X45X36	3-1/2"X45"X36" ALUMINUM ELBOW	16	BLK
ALUELB4X45X36	4"X45"X36" ALUMINUM ELBOW	20	BLK
ALUELB5X45X36	5"X45"X36" ALUMINUM ELBOW	27	BLK
ALUELB6X45X36	6"X45"X36" ALUMINUM ELBOW	29	BLK
ALUELB4X45X42	4"X45"X42" ALUMINUM ELBOW	22	BLK
ALUELB5X45X42	5"X45"X42" ALUMINUM ELBOW	31	BLK
ALUELB1X45X48	1"X45"X48" ALUMINUM ELBOW	4	BLK
ALUELB1-1/4X45X48	1-1/4"X45"X48" ALUMINUM ELBOW	5	BLK
ALUELB1-1/2X45X48	1-1/2"X45"X48" ALUMINUM ELBOW	7	BLK
ALUELB2X45X48	2"X45"X48" ALUMINUM ELBOW	9	BLK
ALUELB2-1/2X45X48	2-1/2"X45"X48" ALUMINUM ELBOW	14	BLK
ALUELB3X45X48	3"X45"X48" ALUMINUM ELBOW	18	BLK
ALUELB3-1/2X45X48	3-1/2"X45"X48" ALUMINUM ELBOW	21	BLK
ALUELB4X45X48	4"X45"X48" ALUMINUM ELBOW	25	BLK
ALUELB5X45X48	5"X45"X48" ALUMINUM ELBOW	36	BLK
ALUELB6X45X48	6"X45"X48" ALUMINUM ELBOW	46	BLK
ALUELB1X60X12	1"X60"X12" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X60X12	1-1/4"X60"X12" ALUMINUM ELBOW	2	BLK
ALUELB1-1/2X60X12	1-1/2"X60"X12" ALUMINUM ELBOW	3	BLK
ALUELB2X60X12	2"X60"X12" ALUMINUM ELBOW	4	BLK
ALUELB2X60X15	2"X60"X15" ALUMINUM ELBOW	4	BLK

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Aluminum Special Radius Elbows

Catalog Number	Description	App Weight (Lbs.)	Standard Carton
ALUELB1X60X18	1"X60"X18" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X60X18	1-1/4"X60"X18" ALUMINUM ELBOW	3	BLK
ALUELB1-1/2X60X18	1-1/2"X60"X18" ALUMINUM ELBOW	4	BLK
ALUELB2X60X18	2"X60"X18" ALUMINUM ELBOW	5	BLK
ALUELB2-1/2X60X18	2-1/2"X60"X18" ALUMINUM ELBOW	7	BLK
ALUELB3X60X18	3"X60"X18" ALUMINUM ELBOW	9	BLK
ALUELB3-1/2X60X18	3-1/2"X60"X18" ALUMINUM ELBOW	11	BLK
ALUELB4X60X18	4"X60"X18" ALUMINUM ELBOW	13	BLK
ALUELB1X60X24	1"X60"X24" ALUMINUM ELBOW	3	BLK
ALUELB1-1/4X60X24	1-1/4"X60"X24" ALUMINUM ELBOW	4	BLK
ALUELB1-1/2X60X24	1-1/2"X60"X24" ALUMINUM ELBOW	5	BLK
ALUELB2X60X24	2"X60"X24" ALUMINUM ELBOW	5	BLK
ALUELB2-1/2X60X24	2-1/2"X60"X24" ALUMINUM ELBOW	8	BLK
ALUELB3X60X24	3"X60"X24" ALUMINUM ELBOW	11	BLK
ALUELB3-1/2X60X24	3-1/2"X60"X24" ALUMINUM ELBOW	13	BLK
ALUELB4X60X24	4"X60"X24" ALUMINUM ELBOW	15	BLK
ALUELB1X60X30	1"X60"X30" ALUMINUM ELBOW	3	BLK
ALUELB1-1/4X60X30	1-1/4"X60"X30" ALUMINUM ELBOW	4	BLK
ALUELB1-1/2X60X30	1-1/2"X60"X30" ALUMINUM ELBOW	5	BLK
ALUELB2X60X30	2"X60"X30" ALUMINUM ELBOW	6	BLK
ALUELB2-1/2X60X30	2-1/2"X60"X30" ALUMINUM ELBOW	10	BLK
ALUELB3X60X30	3"X60"X30" ALUMINUM ELBOW	13	BLK
ALUELB4X60X30	4"X60"X30" ALUMINUM ELBOW	18	BLK
ALUELB5X60X30	5"X60"X30" ALUMINUM ELBOW	26	BLK
ALUELB1X60X36	1"X60"X36" ALUMINUM ELBOW	4	BLK
ALUELB1-1/4X60X36	1-1/4"X60"X36" ALUMINUM ELBOW	5	BLK
ALUELB1-1/2X60X36	1-1/2"X60"X36" ALUMINUM ELBOW	5	BLK
ALUELB2X60X36	2"X60"X36" ALUMINUM ELBOW	7	BLK
ALUELB2-1/2X60X36	2-1/2"X60"X36" ALUMINUM ELBOW	11	BLK
ALUELB3X60X36	3"X60"X36" ALUMINUM ELBOW	14	BLK
ALUELB3-1/2X60X36	3-1/2"X60"X36" ALUMINUM ELBOW	17	BLK
ALUELB4X60X36	4"X60"X36" ALUMINUM ELBOW	18	BLK
ALUELB5X60X36	5"X60"X36" ALUMINUM ELBOW	29	BLK
ALUELB6X60X36	6"X60"X36" ALUMINUM ELBOW	39	BLK
ALUELB4X60X42	4"X60"X42" ALUMINUM ELBOW	23	BLK
ALUELB5X60X42	5"X60"X42" ALUMINUM ELBOW	33	BLK

All products on this page are made to order. Consult factory for lead times.

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Aluminum Special Radius Elbows

Catalog Number	Description	App Weight (Lbs.)	Standard Carton
ALUELB1X60X48	1"X60"X48" ALUMINUM ELBOW	5	BLK
ALUELB1-1/4X60X48	1-1/4"X60"X48" ALUMINUM ELBOW	5	BLK
ALUELB1-1/2X60X48	1-1/2"X60"X48" ALUMINUM ELBOW	7	BLK
ALUELB2X60X48	2"X60"X48" ALUMINUM ELBOW	9	BLK
ALUELB2-1/2X60X48	2-1/2"X60"X48" ALUMINUM ELBOW	14	BLK
ALUELB3X60X48	3"X60"X48" ALUMINUM ELBOW	19	BLK
ALUELB3-1/2X60X48	3-1/2"X60"X48" ALUMINUM ELBOW	22	BLK
ALUELB4X60X48	4"X60"X48" ALUMINUM ELBOW	26	BLK
ALUELB5X60X48	5"X60"X48" ALUMINUM ELBOW	38	BLK
ALUELB6X60X48	6"X60"X48" ALUMINUM ELBOW	49	BLK
ALUELB1X90X12	1"X90"X12" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X90X12	1-1/4"X90"X12" ALUMINUM ELBOW	2	BLK
ALUELB1-1/2X90X12	1-1/2"X90"X12" ALUMINUM ELBOW	3	BLK
ALUELB2X90X12	2"X90"X12" ALUMINUM ELBOW	4	BLK
ALUELB2X90X15	2"X90"X15" ALUMINUM ELBOW	4	BLK
ALUELB1X90X18	1"X90"X18" ALUMINUM ELBOW	2	BLK
ALUELB1-1/4X90X18	1-1/4"X90"X18" ALUMINUM ELBOW	3	BLK
ALUELB1-1/2X90X18	1-1/2"X90"X18" ALUMINUM ELBOW	4	BLK
ALUELB2X90X18	2"X90"X18" ALUMINUM ELBOW	5	BLK
ALUELB2-1/2X90X18	2-1/2"X90"X18" ALUMINUM ELBOW	8	BLK
ALUELB3X90X18	3"X90"X18" ALUMINUM ELBOW	10	BLK
ALUELB3-1/2X90X18	3-1/2"X90"X18" ALUMINUM ELBOW	12	BLK
ALUELB4X90X18	4"X90"X18" ALUMINUM ELBOW	14	BLK
ALUELB1X90X24	1"X90"X24" ALUMINUM ELBOW	3	BLK
ALUELB1-1/4X90X24	1-1/4"X90"X24" ALUMINUM ELBOW	4	BLK
ALUELB1-1/2X90X24	1-1/2"X90"X24" ALUMINUM ELBOW	5	BLK
ALUELB2X90X24	2"X90"X24" ALUMINUM ELBOW	6	BLK
ALUELB2-1/2X90X24	2-1/2"X90"X24" ALUMINUM ELBOW	9	BLK
ALUELB3X90X24	3"X90"X24" ALUMINUM ELBOW	12	BLK
ALUELB3-1/2X90X24	3-1/2"X90"X24" ALUMINUM ELBOW	14	BLK
ALUELB4X90X24	4"X90"X24" ALUMINUM ELBOW	17	BLK
ALUELB1X90X30	1"X90"X30" ALUMINUM ELBOW	3	BLK
ALUELB1-1/4X90X30	1-1/4"X90"X30" ALUMINUM ELBOW	4	BLK
ALUELB1-1/2X90X30	1-1/2"X90"X30" ALUMINUM ELBOW	5	BLK
ALUELB2X90X30	2"X90"X30" ALUMINUM ELBOW	7	BLK
ALUELB2-1/2X90X30	2-1/2"X90"X30" ALUMINUM ELBOW	11	BLK
ALUELB3X90X30	3"X90"X30" ALUMINUM ELBOW	14	BLK
ALUELB4X90X30	4"X90"X30" ALUMINUM ELBOW	20	BLK
ALUELB5X90X30	5"X90"X30" ALUMINUM ELBOW	29	BLK

All products on this page are made to order. Consult factory for lead times.

All aluminum elbows are noncancelable and nonreturnable.

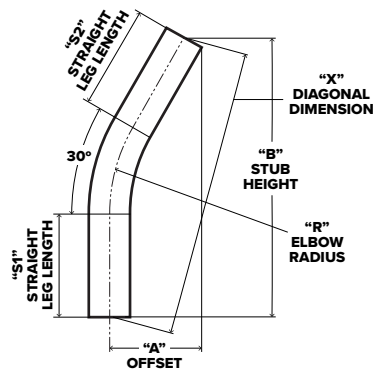
Aluminum Special Radius Elbows

Catalog Number	Description	App Weight (Lbs.)	Standard Carton
ALUELB1X90X36	1"X90"X36" ALUMINUM ELBOW	4	BLK
ALUELB1-1/4X90X36	1-1/4"X90"X36" ALUMINUM ELBOW	5	BLK
ALUELB1-1/2X90X36	1-1/2"X90"X36" ALUMINUM ELBOW	6	BLK
ALUELB2X90X36	2"X90"X36" ALUMINUM ELBOW	8	BLK
ALUELB2-1/2X90X36	2-1/2"X90"X36" ALUMINUM ELBOW	12	BLK
ALUELB3X90X36	3"X90"X36" ALUMINUM ELBOW	16	BLK
ALUELB3-1/2X90X36	3-1/2"X90"X36" ALUMINUM ELBOW	19	BLK
ALUELB4X90X36	4"X90"X36" ALUMINUM ELBOW	23	BLK
ALUELB5X90X36	5"X90"X36" ALUMINUM ELBOW	32	BLK
ALUELB6X90X36	6"X90"X36" ALUMINUM ELBOW	42	BLK
ALUELB4X90X42	4"X90"X42" ALUMINUM ELBOW	26	BLK
ALUELB5X90X42	5"X90"X42" ALUMINUM ELBOW	37	BLK
ALUELB1X90X48	1"X90"X48" ALUMINUM ELBOW	5	BLK
ALUELB1-1/4X90X48	1-1/4"X90"X48" ALUMINUM ELBOW	6	BLK
ALUELB1-1/2X90X48	1-1/2"X90"X48" ALUMINUM ELBOW	8	BLK
ALUELB2X90X48	2"X90"X48" ALUMINUM ELBOW	10	BLK
ALUELB2-1/2X90X48	2-1/2"X90"X48" ALUMINUM ELBOW	16	BLK
ALUELB3X90X48	3"X90"X48" ALUMINUM ELBOW	21	BLK
ALUELB3-1/2X90X48	3-1/2"X90"X48" ALUMINUM ELBOW	25	BLK
ALUELB4X90X48	4"X90"X48" ALUMINUM ELBOW	29	BLK
ALUELB5X90X48	5"X90"X48" ALUMINUM ELBOW	42	BLK
ALUELB6X90X48	6"X90"X48" ALUMINUM ELBOW	54	BLK

All products on this page are made to order. Consult factory for lead times.

All aluminum elbows are noncancelable and nonreturnable.

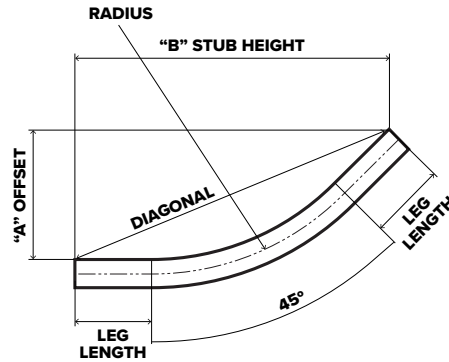
Aluminum Special Radius Elbows • 30°



ALUMINUM

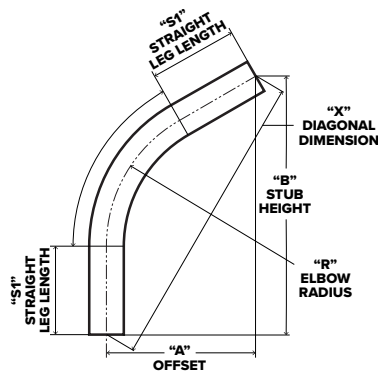
Size	Radius	15"	18"	24"	30"	36"	48"	60"
1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-5/7"	33-1/9"	38-5/7"	58"	58-1/6"	58-1/3"	77"
	"A" OFFSET	6-2/3"	8-4/7"	10"	15"	15"	15"	20"
	"B" STUB HEIGHT	24-5/6"	32"	37-2/5"	56-1/9"	56-1/5"	56-1/3"	74-3/8"
3/4"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-5/7"	33-1/9"	38-5/7"	58"	58-1/6"	58-1/3"	77"
	"A" OFFSET	6-2/3"	8-4/7"	10"	15"	15"	15"	20"
	"B" STUB HEIGHT	24-5/6"	32"	37-2/5"	56-1/9"	56-1/5"	56-1/3"	74-3/8"
1"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-3/5"	33"	38-4/7"	58"	58"	58-1/5"	76-7/8"
	"A" OFFSET	6-5/8"	8-1/2"	10"	15"	15"	15"	19-8/9"
	"B" STUB HEIGHT	24-5/7"	31-6/7"	37-1/4"	56"	56"	56-1/5"	74-1/4"
1-1/4"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-1/2"	33"	38-1/2"	57-7/8"	58"	58"	76-7/9"
	"A" OFFSET	6-3/5"	8-1/2"	10"	15"	15"	15"	19-7/8"
	"B" STUB HEIGHT	24-2/3"	31-7/9"	37-1/6"	56"	56"	56-1/9"	74-1/6"
1-1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-4/9"	32-5/6"	38-3/7"	57-5/6"	58"	58"	76-5/7"
	"A" OFFSET	6-3/5"	8-1/2"	10"	15"	15"	15"	19-6/7"
	"B" STUB HEIGHT	24-4/7"	31-5/7"	37-1/8"	55-6/7"	56"	56"	74-1/9"
2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-1/3"	32-5/7"	38-1/3"	57-2/3"	57-3/4"	58"	76-3/5"
	"A" OFFSET	6-5/9"	8-1/2"	10"	15"	15"	15"	19-5/6"
	"B" STUB HEIGHT	24-1/2"	31-3/5"	37"	55-3/4"	55-4/5"	56"	74"
2-1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-1/5"	32-3/5"	38-1/6"	57-4/7"	57-2/3"	57-7/9"	76-1/2"
	"A" OFFSET	6-1/2"	8-3/7"	9-7/8"	14-8/9"	15"	15"	19-4/5"
	"B" STUB HEIGHT	24-1/3"	31-1/2"	36-7/8"	55-3/5"	55-2/3"	55-4/5"	73-6/7"
3"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25"	32-3/7"	38"	57-2/5"	57-1/2"	57-5/8"	76-1/3"
	"A" OFFSET	6-1/2"	8-2/5"	9-5/6"	14-6/7"	14-7/8"	15"	19-3/4"
	"B" STUB HEIGHT	24-1/6"	31-1/3"	36-5/7"	55-4/9"	55-1/2"	55-2/3"	73-5/7"
3-1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25"	32-2/7"	37-8/9"	57-2/7"	57-1/3"	57-1/2"	76-1/6"
	"A" OFFSET	6-4/9"	8-1/3"	9-4/5"	14-5/6"	14-5/6"	14-7/8"	19-5/7"
	"B" STUB HEIGHT	24"	31-1/5"	36-3/5"	55-1/3"	55-2/5"	55-1/2"	73-4/7"
4"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	24-7/9"	32-1/6"	37-3/4"	57-1/7"	57-2/9"	57-1/3"	76"
	"A" OFFSET	6-2/5"	8-1/3"	9-7/9"	14-4/5"	14-4/5"	14-5/6"	19-2/3"
	"B" STUB HEIGHT	24"	31"	36-1/2"	55-1/5"	55-1/4"	55-2/5"	73-1/2"
5"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	24-1/2"	31-8/9"	37-1/2"	56-7/8"	57"	57"	75-7/9"
	"A" OFFSET	6-1/3"	8-1/4"	9-5/7"	14-5/7"	14-3/4"	14-7/9"	19-3/5"
	"B" STUB HEIGHT	23-2/3"	30-4/5"	36-1/5"	55"	55"	55-1/7"	73-1/5"
6"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	24-2/9"	31-5/8"	37-1/5"	56-3/5"	56-2/3"	56-4/5"	75-1/2"
	"A" OFFSET	6-1/4"	8-1/5"	9-5/8"	14-2/3"	14-2/3"	14-5/7"	19-1/2"
	"B" STUB HEIGHT	23-2/5"	30-1/2"	36"	54-2/3"	54-3/4"	54-7/8"	73"

Aluminum Special Radius Elbows • 45°



Size	Radius	12"	15"	18"	24"	30"	36"	42"	48"	60"
1"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
1-1/4"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
1-1/2"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
2"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
2-1/2"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
3"	LEG LENGTH		9"	10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH		29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL		28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET		10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT		25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
3-1/2"	LEG LENGTH			10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH			34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL			32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET			12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT			29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
4"	LEG LENGTH			10"	11"	11"	11"	12"	11-15/16"	
	UNBENT LENGTH			34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL			32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET			12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT			29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
5"	LEG LENGTH					11"	11"	12"	11-15/16"	12"
	UNBENT LENGTH					45-9/16"	50-1/4"	56-15/16"	61-5/8"	71-1/8"
	DIAGONAL					43-5/16"	47-7/8"	54-1/4"	58-7/8"	68-1/8"
	"A" OFFSET					16-9/16"	18-5/16"	20-3/4"	22-1/2"	26-1/16"
	"B" STUB HEIGHT					40"	44-3/16"	50-1/8"	54-3/8"	62-15/16"
6"	LEG LENGTH						11"	12"	11-15/16"	12"
	UNBENT LENGTH						50-1/4"	56-15/16"	61-5/8"	71-1/8"
	DIAGONAL						47-7/8"	54-1/4"	58-7/8"	68-1/8"
	"A" OFFSET						18-5/16"	20-3/4"	22-1/2"	26-1/16"
	"B" STUB HEIGHT						44-3/16"	50-1/8"	54-3/8"	62-15/16"

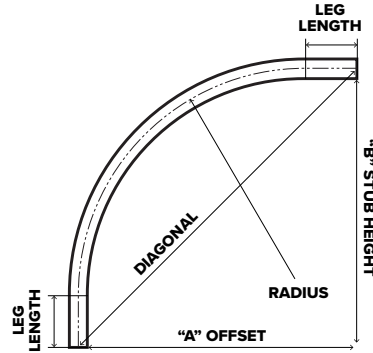
Aluminum Special Radius Elbows • 60°



ALUMINUM

Size	Radius	12"	18"	24"	30"	36"	48"	60"
1/2"	LEG LENGTH	8-5/7"	14-4/7"	17-3/7"	24-2/7"	21-1/7"	34-7/8"	28-3/5"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-2/3"	42-5/6"	53-7/9"	71-2/3"	72-1/5"	108"	109"
	"A" OFFSET	13-1/3"	21-2/5"	26-8/9"	35-5/6"	36-1/9"	54"	54-1/2"
	"B" STUB HEIGHT	23-1/9"	37"	46-4/7"	62"	62-1/2"	93-1/2"	94-1/2"
3/4"	LEG LENGTH	3"	4-4/7"	5-3/5"	7-1/2"	7-1/4"	11"	10-1/2"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-4/7"	42-5/7"	53-2/3"	71-5/9"	72-1/9"	107-7/8"	109"
	"A" OFFSET	13-2/7"	21-1/3"	26-5/6"	35-7/9"	36"	54"	54-1/2"
	"B" STUB HEIGHT	23"	37"	46-1/2"	62"	62-4/9"	93-2/5"	94-3/8"
1"	LEG LENGTH	3"	4-5/8"	5-2/3"	7-5/9"	7-1/3"	11"	10-4/7"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-4/9"	42-3/5"	53-1/2"	71-3/7"	72"	107-3/4"	108-6/7"
	"A" OFFSET	13-2/9"	21-2/7"	26-3/4"	35-5/7"	36"	53-7/8"	54-3/7"
	"B" STUB HEIGHT	22-8/9"	36-7/8"	46-3/8"	61-6/7"	62-1/3"	93-1/3"	94-1/4"
1-1/4"	LEG LENGTH	3"	4-2/3"	5-5/7"	7-5/8"	7-1/3"	11-1/7"	10-2/3"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-1/4"	42-2/5"	53-3/8"	71-1/4"	71-4/5"	107-5/9"	108-2/3"
	"A" OFFSET	13-1/7"	21-1/5"	26-2/3"	35-5/8"	36"	53-7/9"	54-1/3"
	"B" STUB HEIGHT	22-3/4"	36-3/4"	46-2/9"	61-5/7"	62-1/5"	93-1/7"	94-1/8"
1-1/2"	LEG LENGTH	3"	4-3/4"	5-4/5"	7-2/3"	7-4/9"	11-2/9"	10-5/7"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-1/7"	42-2/7"	53-1/4"	71-1/8"	71-2/3"	107-4/9"	108-5/9"
	"A" OFFSET	13"	21-1/7"	26-5/8"	35-4/7"	35-5/6"	53-5/7"	54-2/7"
	"B" STUB HEIGHT	22-2/3"	36-5/8"	46-1/9"	61-3/5"	62"	93"	94"
2"	LEG LENGTH	3-1/7"	4-5/6"	5-6/7"	7-3/4"	7-1/2"	11-2/7"	10-7/9"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26"	42"	53"	70-8/9"	71-4/9"	107-1/5"	108-1/3"
	"A" OFFSET	13"	21"	26-1/2"	35-4/9"	35-5/7"	53-3/5"	54-1/6"
	"B" STUB HEIGHT	22-4/9"	36-3/7"	46"	61-2/5"	61-7/8"	92-5/6"	93-4/5"
2-1/2"	LEG LENGTH	3-1/4"	5"	6"	7-6/7"	7-3/5"	11-2/5"	10-7/8"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	25-2/3"	41-4/5"	52-3/4"	70-2/3"	71-1/5"	107"	108"
	"A" OFFSET	12-5/6"	21"	26-3/8"	35-1/3"	35-3/5"	53-1/2"	54"
	"B" STUB HEIGHT	22-2/9"	36-1/5"	45-2/3"	61-1/6"	61-2/3"	92-5/8"	93-3/5"
3"	LEG LENGTH	3-3/8"	5"	6"	8"	7-5/7"	11-1/2"	11"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	25-1/3"	41-1/2"	52-4/9"	70-1/3"	70-8/9"	106-2/3"	107-3/4"
	"A" OFFSET	12-2/3"	20-3/4"	26-2/9"	35-1/6"	35-4/9"	53-1/3"	53-7/8"
	"B" STUB HEIGHT	22"	36"	45-3/7"	61"	61-2/5"	92-1/3"	93-1/3"
3-1/2"	LEG LENGTH	3-1/2"	5-1/5"	6-2/9"	8-1/9"	7-6/7"	11-2/3"	11-1/7"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	25"	41-1/4"	52-1/5"	70"	70-5/8"	106-2/5"	107-1/2"
	"A" OFFSET	12-5/9"	20-5/8"	26"	35"	35-1/3"	53-1/5"	53-3/4"
	"B" STUB HEIGHT	21-3/4"	35-5/7"	45-1/5"	60-2/3"	61-1/6"	92-1/7"	93-1/9"
4"	LEG LENGTH	3-5/8"	5-2/7"	6-1/3"	8-2/9"	8"	11-3/4"	11-1/4"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	24-6/7"	41"	52"	69-5/6"	70-3/8"	106-1/7"	107-1/4"
	"A" OFFSET	12-3/7"	20-1/2"	26"	35"	35-1/5"	53"	53-5/8"
	"B" STUB HEIGHT	21-1/2"	35-1/2"	45"	60-1/2"	61"	92"	92-8/9"
5"	LEG LENGTH	3-3/4"	5-2/5"	6-4/9"	8-1/3"	8"	11-7/8"	11-1/3"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	24-1/3"	40-1/2"	51-2/5"	69-2/7"	69-6/7"	105-3/5"	106-3/4"
	"A" OFFSET	12-1/6"	20-1/4"	25-5/7"	34-2/3"	35"	52-4/5"	53-3/8"
	"B" STUB HEIGHT	21"	35"	44-1/2"	60"	60-1/2"	91-1/2"	92-3/7"
6"	LEG LENGTH	4"	5-2/3"	6-2/3"	8-4/7"	8-1/3"	12-1/9"	11-3/5"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	23-7/9"	40"	50-8/9"	68-3/4"	69-1/3"	105"	106-1/5"
	"A" OFFSET	11-8/9"	20"	25-4/9"	34-3/8"	34-2/3"	52-1/2"	53"
	"B" STUB HEIGHT	20-3/5"	34-4/7"	44"	59-5/9"	60"	91"	92"

Aluminum Special Radius Elbows • 90°



Size	Radius	12"	15"	18"	24"	30"	36"	42"	48"	60"
1"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
	"B" STUB HEIGHT	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
1-1/4"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
	"B" STUB HEIGHT	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
1-1/2"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
	"B" STUB HEIGHT	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
2"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
	"B" STUB HEIGHT	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
2-1/2"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
	"B" STUB HEIGHT	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
3"	LEG LENGTH		9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH		42"	48"	59"	69"	78"	90"	102"	
	DIAGONAL		34-1/4"	39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET		24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
	"B" STUB HEIGHT		24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
3-1/2"	LEG LENGTH			9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH			48"	59"	69"	78"	90"	102"	
	DIAGONAL			39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
	"B" STUB HEIGHT			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
4"	LEG LENGTH			9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	13-5/16"	
	UNBENT LENGTH			48"	59"	69"	78"	90"	102"	
	DIAGONAL			39-7/16"	49"	57-7/8"	66-1/16"	76-3/8"	86-11/16"	
	"A" OFFSET			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
	"B" STUB HEIGHT			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	61-5/16"	
5"	LEG LENGTH					10-15/16"	10-3/4"	12"	13-5/16"	11-7/8"
	UNBENT LENGTH					69"	78"	90"	102"	118"
	DIAGONAL					57-7/8"	66-1/16"	76-3/8"	86-11/16"	101-1/2"
	"A" OFFSET					40-15/16"	46-3/4"	54"	61-5/16"	71-7/8"
	"B" STUB HEIGHT					40-15/16"	46-3/4"	54"	61-5/16"	71-7/8"
6"	LEG LENGTH						10-3/4"	12"	13-5/16"	11-7/8"
	UNBENT LENGTH						78"	90"	102"	118"
	DIAGONAL						66-1/16"	76-3/8"	86-11/16"	101-1/2"
	"A" OFFSET						46-3/4"	54"	61-5/16"	71-7/8"
	"B" STUB HEIGHT						46-3/4"	54"	61-5/16"	71-7/8"

EMT Standard Radius Elbows



Application

- Elbow “sweeps” are used in conjunction with EMT couplings to make a 45° or 90° bend between two lengths of thin wall or EMT conduit

Features

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions
- Made of steel and zinc-plated for corrosion resistance

Standard Materials

- Steel

Standard Finish

- Zinc-electroplated

Compliance Information

UL Standards

- ANSI/UL 797
- CSA-C22.2 No. 83.1

Robroy File Number

- E42551
- E42552

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 358

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

Mexican Official Standard

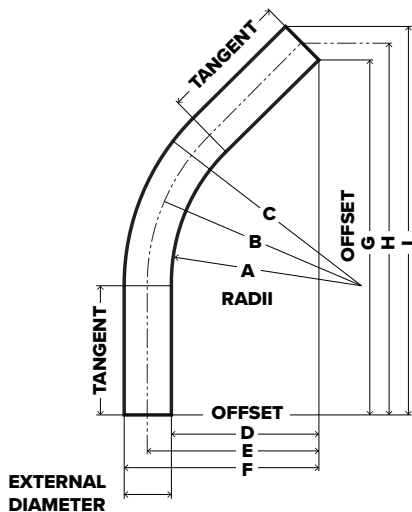
- NOM-001-SEDE

EMT Standard Radius Elbows

Catalog Number	Description	Weight Per Carton (Lbs.)	Standard Carton
EMTELB1/2X45	1/2"X45" EMT ELBOW	24	50
EMTELB3/4X45	3/4"X45" EMT ELBOW	39	50
EMTELB1X45	1"X45" EMT ELBOW	73	25
EMTELB1-1/4X45	1-1/4"X45" EMT ELBOW	126	25
EMTELB1-1/2X45	1-1/2"X45" EMT ELBOW	168	15
EMTELB2X45	2"X45" EMT ELBOW	243	10
EMTELB2-1/2X45	2-1/2"X45" EMT ELBOW	456	BLK
EMTELB3X45	3"X45" EMT ELBOW	612	BLK
EMTELB3-1/2X45	3-1/2"X45" EMT ELBOW	918	BLK
EMTELB4X45	4"X45" EMT ELBOW	1133	BLK
EMTELB1/2X90	1/2"X90" EMT ELBOW	28	50
EMTELB3/4X90	3/4"X90" EMT ELBOW	46	50
EMTELB1X90	1"X90" EMT ELBOW	86	25
EMTELB1-1/4X90	1-1/4"X90" EMT ELBOW	148	25
EMTELB1-1/2X90	1-1/2"X90" EMT ELBOW	198	15
EMTELB2X90	2"X90" EMT ELBOW	286	10
EMTELB2-1/2X90	2-1/2"X90" EMT ELBOW	536	BLK
EMTELB3X90	3"X90" EMT ELBOW	720	BLK
EMTELB3-1/2X90	3-1/2"X90" EMT ELBOW	1080	BLK
EMTELB4X90	4"X90" EMT ELBOW	1333	BLK

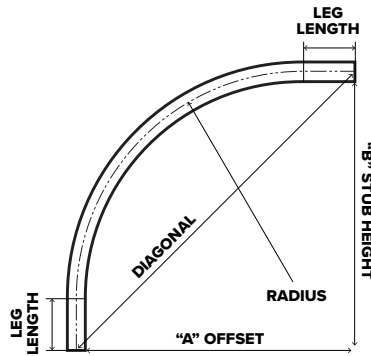
Weights shown are approximate for 90° elbows. To arrive at weights for 45° elbows deduct 15%. Sizes 2-1/2" and larger shipped in palletized cartons or bulk, with ECN-Korns identifying label.

EMT Standard Radius Elbows • 45°



Nominal Size	Diameters		Unbent Length	Radii			Offset						Tangent
	External	Internal		A	B	C	D	E	F	G	H	I	
1/2"	0.84"	0.622"	10.4352"	3.83"	4.25"	4.67"	3.63"	4.05"	4.47"	8.77"	9.06"	9.36"	3.55"
3/4"	1.05"	0.824"	11.4288"	3.98"	4.5"	5.03"	3.96"	4.48"	5.01"	9.55"	9.92"	10.29"	3.95"
1"	1.315"	1.049"	12.6312"	5.09"	5.75"	6.41"	4.36"	5.02"	5.68"	10.53"	10.99"	11.46"	4.06"
1-1/4"	1.66"	1.38"	13.3332"	6.42"	7.25"	8.08"	4.58"	5.41"	6.24"	11.06"	11.65"	12.23"	3.82"
1-1/2"	1.9"	1.61"	14.118"	7.3"	8.25"	9.2"	4.84"	5.79"	6.74"	11.68"	12.35"	13.03"	3.82"
2"	2.375"	2.067"	18.462"	8.31"	9.5"	10.69"	6.32"	7.51"	8.70"	15.27"	16.11"	16.95"	5.50"
2-1/2"	2.875"	2.469"	24"	9.06"	10.5"	11.94"	8.22"	9.66"	11.10"	19.85"	20.87"	21.89"	7.88"
3"	3.5"	3.068"	24"	11.25"	13"	14.75"	9.53"	11.28"	13.03"	19.98"	21.21"	22.45"	6.89"
3-1/2"	4"	3.548"	30"	13"	15"	17"	10.25"	12.25"	14.25"	24.74"	26.16"	27.57"	9.11"
4"	4.5"	4.026"	30"	13.75"	16"	18.25"	10.19"	12.44"	14.69"	24.60"	26.19"	27.79"	8.72"
5"	5.563"	5.047"	48"	21.22"	24"	26.78"	16.52"	19.30"	22.08"	39.89"	41.85"	43.82"	14.58"
6"	6.625"	6.065"	60"	26.68"	30"	33.31"	20.70"	24.01"	27.32"	49.97"	52.32"	54.66"	18.22"

EMT Standard Radius Elbows • 90°



	Radius	4"	4-1/2"	5-3/4"	7-1/4"	8-1/4"	9-1/2"	10-1/2"	13"	15"	16"
Degree	Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
11-1/4"	LEG LENGTH	2"	2"	2"	2-3/4"	3"	4-1/4"	5-1/4"	5-7/8"	6-3/4"	7"
	UNBENT LENGTH	4-13/16"	4-7/8"	5-1/8"	6-7/8"	8-1/4"	10-3/8"	12-9/16"	14-3/16"	16-3/8"	17"
	DIAGONAL	4-3/4"	4-7/8"	5-1/8"	6-7/8"	8-1/4"	10-3/8"	12-1/2"	14-1/4"	16-1/4"	16-15/16"
	"A" OFFSET	1/2"	1/2"	1/2"	11/16"	3/4"	1"	1-1/4"	1-3/8"	1-1/2"	1-3/4"
	"B" STUB HEIGHT	4-3/4"	4-13/16"	5"	6-7/8"	8-3/16"	10-1/2"	12-1/2"	14-1/16"	16-1/4"	17"
15"	LEG LENGTH	2"	2"	2"	2-3/4"	3-1/4"	4-5/16"	5-1/4"	5-7/8"	6-3/4"	7"
	UNBENT LENGTH	5-1/16"	5-3/16"	5-1/2"	7-1/4"	8-5/8"	11-1/16"	13-11/32"	15-1/8"	17-15/32"	18-5/32"
	DIAGONAL	5"	5-1/8"	5"	7-1/4"	8-5/8"	11"	13-1/4"	15"	17-5/16"	18"
	"A" OFFSET	5/8"	11/16"	11/16"	1"	1-1/8"	1-1/2"	1-3/4"	2"	2-1/4"	2-3/8"
	"B" STUB HEIGHT	5"	5-1/8"	5-3/8"	7-1/8"	8-1/2"	10-7/8"	13-1/8"	15"	17-1/4"	17-7/8"
22-1/2"	LEG LENGTH	2"	2-1/16"	2"	2-3/4"	3"	4-1/4"	5-1/4"	5-7/8"	6-3/4"	7"
	UNBENT LENGTH	5-21/32"	5-27/32"	6-11/32"	8-5/16"	9-27/32"	12-5/16"	14-23/32"	16-13/16"	19-13/32"	20-1/4"
	DIAGONAL	6"	5-3/4"	6-1/4"	8-1/4"	9-3/4"	12-1/8"	14-1/2"	16-1/2"	19-1/8"	19-15/16"
	"A" OFFSET	1-1/8"	1"	1"	1-5/8"	2"	2-3/8"	2-3/4"	3-1/4"	3-1/2"	4"
	"B" STUB HEIGHT	5-7/16"	5-5/8"	6"	8"	9-1/2"	11-7/8"	14-1/4"	16-1/4"	18-1/2"	19-9/16"
30"	LEG LENGTH	2"	2"	2"	2-3/4"	3-5/16"	4-1/4"	5-1/4"	5-7/8"	6-3/4"	7"
	UNBENT LENGTH	6-3/16"	6-7/16"	7-1/8"	9-1/4"	10-29/32"	13-9/16"	16-3/32"	18-1/2"	21-3/8"	22-11/32"
	DIAGONAL	6"	6-1/4"	7"	9"	10-5/8"	13-1/4"	15-5/8"	18"	20-13/16"	21-3/4"
	"A" OFFSET	1-1/2"	1-5/8"	1-3/4"	2-3/8"	2-3/4"	3-1/2"	4"	4-11/16"	5-3/8"	5-3/4"
	"B" STUB HEIGHT	5-7/8"	6"	7"	8-3/4"	10-1/4"	12-3/4"	15-1/8"	17-7/16"	20-1/8"	21"
45"	LEG LENGTH	2-1/16"	2"	2"	2-5/8"	3-1/2"	4-1/4"	5-1/8"	5-7/8"	6-3/4"	7-1/4"
	UNBENT LENGTH	7-1/4"	7-1/2"	8-1/2"	11"	13"	16"	18-1/2"	22"	25-1/4"	27"
	DIAGONAL	6-7/8"	7-1/8"	8-1/8"	10-1/2"	12-5/16"	15-1/8"	17-1/2"	20-7/8"	24"	25-5/8"
	"A" OFFSET	2-1/2"	2-3/4"	3"	4"	4-3/4"	5-3/4"	6-3/4"	8"	9-1/4"	9-13/16"
	"B" STUB HEIGHT	6-1/2"	6-5/8"	7-1/2"	9-1/2"	11-3/8"	14"	16-3/16"	19-1/4"	22-1/8"	23-5/8"
60"	LEG LENGTH	2"	2"	2"	2-3/4"	3"	4-1/4"	5-1/4"	5-7/8"	6-3/4"	7"
	UNBENT LENGTH	8-3/16"	8-3/4"	10"	13"	15-1/8"	18-7/16"	21-19/32"	25-5/16"	29-7/32"	30-23/32"
	DIAGONAL	7-1/2"	8"	9"	12"	13-7/8"	16-7/8"	19-5/8"	23-1/4"	26-3/4"	28"
	"A" OFFSET	3-3/4"	4"	4-1/2"	6"	7"	8-7/16"	9-13/16"	11-5/8"	13-3/8"	14"
	"B" STUB HEIGHT	6-7/16"	6-15/16"	8"	10-3/8"	12"	14-5/8"	17-1/16"	20"	23-1/8"	24-5/16"
90"	LEG LENGTH	2"	2"	2"	2-3/4"	3-1/4"	4-5/16"	5-1/4"	5-13/16"	6-3/4"	6-15/16"
	UNBENT LENGTH	10-5/16"	11-1/16"	13"	16-3/4"	19-1/2"	23-1/2"	27"	32"	37"	39"
	DIAGONAL	8-1/2"	9"	11"	14"	16-5/16"	19-1/2"	22-1/4"	26-5/8"	30-3/4"	32-7/16"
	"A" OFFSET	6"	6-1/2"	7-3/4"	10"	11-1/2"	13-13/16"	15-3/4"	18-13/16"	21-3/4"	22-15/16"
	"B" STUB HEIGHT	6"	6-1/2"	7-3/4"	10"	11-1/2"	13-13/16"	15-3/4"	18-13/16"	21-3/4"	22-15/16"

EMT Special Radius Elbows



Application

- Elbow “sweeps” are used in conjunction with EMT couplings to make a 30°, 45°, 60°, or 90° bend between two lengths of thin wall or EMT conduit

Features

- Curvature of the conduit is used to fit specific locations and/or make turns or change directions
- Made of steel and zinc-plated for corrosion resistance

Standard Materials

- Steel

Standard Finish

- Zinc-electroplated

Compliance Information

UL Standards

- ANSI/UL 797
- CSA-C22.2 No. 83.1

Robroy File Number

- E42553
- E42554

U.S. Code Compliance

- ANSI/NFPA 70, National Electric Code (NEC) Article 358

Canadian Code Compliance

- CAN/CSA C22.1, Canadian Electrical Code, Part 1

Mexican Official Standard

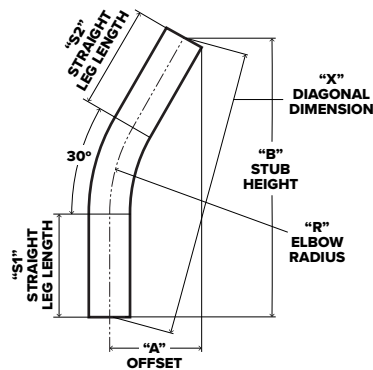
- NOM-001-SEDE

EMT Special Radius Elbows

Catalog Number	Description	App Weight (Lbs.)	Standard Carton
EMTELB4X30X24	4"X30"X24" EMT ELBOW	14	BLK
EMTELB2X30X36	2"X30"X36" EMT ELBOW	7	BLK
EMTELB3X30X36	3"X30"X36" EMT ELBOW	13	BLK
EMTELB4X30X36	4"X30"X36" EMT ELBOW	19	BLK
EMTELB4X30X48	4"X30"X48" EMT ELBOW	25	BLK
EMTELB4X45X24	4"X45"X24" EMT ELBOW	14	BLK
EMTELB2X45X36	2"X45"X36" EMT ELBOW	8	BLK
EMTELB3X45X36	3"X45"X36" EMT ELBOW	14	BLK
EMTELB4X45X36	4"X45"X36" EMT ELBOW	20	BLK
EMTELB4X45X48	4"X45"X48" EMT ELBOW	26	BLK
EMTELB4X60X24	4"X60"X24" EMT ELBOW	15	BLK
EMTELB2X60X36	2"X60"X36" EMT ELBOW	8	BLK
EMTELB3X60X36	3"X60"X36" EMT ELBOW	14	BLK
EMTELB4X60X36	4"X60"X36" EMT ELBOW	22	BLK
EMTELB4X60X48	4"X60"X48" EMT ELBOW	28	BLK
EMTELB4X90X24	4"X90"X24" EMT ELBOW	17	BLK
EMTELB2X90X36	2"X90"X36" EMT ELBOW	9	BLK
EMTELB3X90X36	3"X90"X36" EMT ELBOW	16	BLK
EMTELB4X90X36	4"X90"X36" EMT ELBOW	24	BLK
EMTELB4X90X48	4"X90"X48" EMT ELBOW	31	BLK

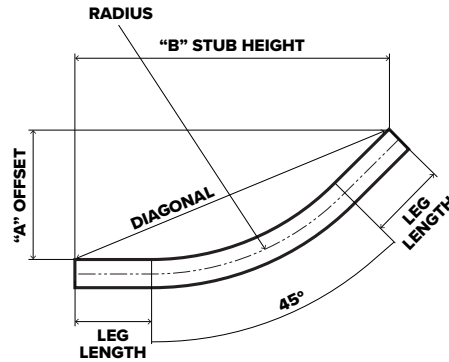
All EMT special radius elbows are noncancelable and nonreturnable.

EMT Special Radius Elbows • 30°



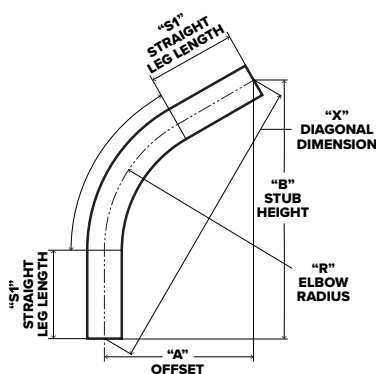
Size	Radius	15"	18"	24"	30"	36"	48"	60"
1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-5/7"	33-1/9"	38-5/7"	58"	58-1/6"	58-1/3"	77"
	"A" OFFSET	6-2/3"	8-4/7"	10"	15"	15"	15"	20"
	"B" STUB HEIGHT	24-5/6"	32"	37-2/5"	56-1/9"	56-1/5"	56-1/3"	74-3/8"
3/4"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-5/7"	33-1/9"	38-5/7"	58"	58-1/6"	58-1/3"	77"
	"A" OFFSET	6-2/3"	8-4/7"	10"	15"	15"	15"	20"
	"B" STUB HEIGHT	24-5/6"	32"	37-2/5"	56-1/9"	56-1/5"	56-1/3"	74-3/8"
1"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-3/5"	33"	38-4/7"	58"	58"	58-1/5"	76-7/8"
	"A" OFFSET	6-5/8"	8-1/2"	10"	15"	15"	15"	19-8/9"
	"B" STUB HEIGHT	24-5/7"	31-6/7"	37-1/4"	56"	56"	56-1/5"	74-1/4"
1-1/4"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-1/2"	33"	38-1/2"	57-7/8"	58"	58"	76-7/9"
	"A" OFFSET	6-3/5"	8-1/2"	10"	15"	15"	15"	19-7/8"
	"B" STUB HEIGHT	24-2/3"	31-7/9"	37-1/6"	56"	56"	56-1/9"	74-1/6"
1-1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-4/9"	32-5/6"	38-3/7"	57-5/6"	58"	58"	76-5/7"
	"A" OFFSET	6-3/5"	8-1/2"	10"	15"	15"	15"	19-6/7"
	"B" STUB HEIGHT	24-4/7"	31-5/7"	37-1/8"	55-6/7"	56"	56"	74-1/9"
2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-1/3"	32-5/7"	38-1/3"	57-2/3"	57-3/4"	58"	76-3/5"
	"A" OFFSET	6-5/9"	8-1/2"	10"	15"	15"	15"	19-5/6"
	"B" STUB HEIGHT	24-1/2"	31-3/5"	37"	55-3/4"	55-4/5"	56"	74"
2-1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25-1/5"	32-3/5"	38-1/6"	57-4/7"	57-2/3"	57-7/9"	76-1/2"
	"A" OFFSET	6-1/2"	8-3/7"	9-7/8"	14-8/9"	15"	15"	19-4/5"
	"B" STUB HEIGHT	24-1/3"	31-1/2"	36-7/8"	55-3/5"	55-2/3"	55-4/5"	73-6/7"
3"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25"	32-3/7"	38"	57-2/5"	57-1/2"	57-5/8"	76-1/3"
	"A" OFFSET	6-1/2"	8-2/5"	9-5/6"	14-6/7"	14-7/8"	15"	19-3/4"
	"B" STUB HEIGHT	24-1/6"	31-1/3"	36-5/7"	55-4/9"	55-1/2"	55-2/3"	73-5/7"
3-1/2"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	25"	32-2/7"	37-8/9"	57-2/7"	57-1/3"	57-1/2"	76-1/6"
	"A" OFFSET	6-4/9"	8-1/3"	9-4/5"	14-5/6"	14-5/6"	14-7/8"	19-5/7"
	"B" STUB HEIGHT	24"	31-1/5"	36-3/5"	55-1/3"	55-2/5"	55-1/2"	73-4/7"
4"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	24-7/9"	32-1/6"	37-3/4"	57-1/7"	57-2/9"	57-1/3"	76"
	"A" OFFSET	6-2/5"	8-1/3"	9-7/9"	14-4/5"	14-4/5"	14-5/6"	19-2/3"
	"B" STUB HEIGHT	24"	31"	36-1/2"	55-1/5"	55-1/4"	55-2/5"	73-1/2"
5"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	24-1/2"	31-8/9"	37-1/2"	56-7/8"	57"	57"	75-7/9"
	"A" OFFSET	6-1/3"	8-1/4"	9-5/7"	14-5/7"	14-3/4"	14-7/9"	19-3/5"
	"B" STUB HEIGHT	23-2/3"	30-4/5"	36-1/5"	55"	55"	55-1/7"	73-1/5"
6"	LEG LENGTH	9-2/5"	12-3/7"	13-5/7"	22-1/7"	20-4/7"	17-3/7"	23-8/9"
	UNBENT LENGTH	26-2/3"	34-2/7"	40"	60"	60"	60"	79-1/5"
	DIAGONAL	24-2/9"	31-5/8"	37-1/5"	56-3/5"	56-2/3"	56-4/5"	75-1/2"
	"A" OFFSET	6-1/4"	8-1/5"	9-5/8"	14-2/3"	14-2/3"	14-5/7"	19-1/2"
	"B" STUB HEIGHT	23-2/5"	30-1/2"	36"	54-2/3"	54-3/4"	54-7/8"	73"

EMT Special Radius Elbows • 45°



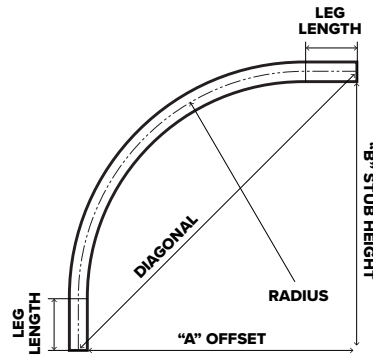
Size	Radius	12"	15"	18"	24"	30"	36"	42"	48"	60"
1"	LEG LENGTH	9"		10"	11"	11"	11"	12"	12"	
	UNBENT LENGTH	27-7/16"		34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"		32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"		12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"		29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
1-1/4"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	12"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
1-1/2"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	12"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
2"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	12"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
2-1/2"	LEG LENGTH	9"	9"	10"	11"	11"	11"	12"	12"	
	UNBENT LENGTH	27-7/16"	29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL	25-13/16"	28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET	9-7/8"	10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT	23-7/8"	25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
3"	LEG LENGTH		9"	10"	11"	11"	11"	12"	12"	
	UNBENT LENGTH		29-3/4"	34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL		28-1/16"	32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET		10-3/4"	12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT		25-15/16"	29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
3-1/2"	LEG LENGTH			10"	11"	11"	11"	12"	12"	
	UNBENT LENGTH			34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	
	DIAGONAL			32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	
	"A" OFFSET			12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	
	"B" STUB HEIGHT			29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	
4"	LEG LENGTH			10"	11"	11"	11"	12"	12"	12"
	UNBENT LENGTH			34-1/8"	40-7/8"	45-9/16"	50-1/4"	56-15/16"	61-5/8"	71-1/8"
	DIAGONAL			32-1/4"	38-3/4"	43-5/16"	47-7/8"	54-1/4"	58-7/8"	68-1/8"
	"A" OFFSET			12-5/16"	14-13/16"	16-9/16"	18-5/16"	20-3/4"	22-1/2"	26-1/16"
	"B" STUB HEIGHT			29-13/16"	35-3/4"	40"	44-3/16"	50-1/8"	54-3/8"	62-15/16"
5"	LEG LENGTH					11"	11"	12"	12"	12"
	UNBENT LENGTH					45-9/16"	50-1/4"	56-15/16"	61-5/8"	71-1/8"
	DIAGONAL					43-5/16"	47-7/8"	54-1/4"	58-7/8"	68-1/8"
	"A" OFFSET					16-9/16"	18-5/16"	20-3/4"	22-1/2"	26-1/16"
	"B" STUB HEIGHT					40"	44-3/16"	50-1/8"	54-3/8"	62-15/16"
6"	LEG LENGTH						11"	12"	12"	12"
	UNBENT LENGTH						50-1/4"	56-15/16"	61-5/8"	71-1/8"
	DIAGONAL						47-7/8"	54-1/4"	58-7/8"	68-1/8"
	"A" OFFSET						18-5/16"	20-3/4"	22-1/2"	26-1/16"
	"B" STUB HEIGHT						44-3/16"	50-1/8"	54-3/8"	62-15/16"

EMT Special Radius Elbows • 60°



Size	Radius	12"	18"	24"	30"	36"	48"	60"
1/2"	LEG LENGTH	8-5/7"	14-4/7"	17-3/7"	24-2/7"	21-1/7"	34-7/8"	28-3/5"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-2/3"	42-5/6"	53-7/9"	71-2/3"	72-1/5"	108"	109"
	"A" OFFSET	13-1/3"	21-2/5"	26-8/9"	35-5/6"	36-1/9"	54"	54-1/2"
	"B" STUB HEIGHT	23-1/9"	37"	46-4/7"	62"	62-1/2"	93-1/2"	94-1/2"
3/4"	LEG LENGTH	3"	4-4/7"	5-3/5"	7-1/2"	7-1/4"	11"	10-1/2"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-4/7"	42-5/7"	53-2/3"	71-5/9"	72-1/9"	107-7/8"	109"
	"A" OFFSET	13-2/7"	21-1/3"	26-5/6"	35-7/9"	36"	54"	54-1/2"
	"B" STUB HEIGHT	23"	37"	46-1/2"	62"	62-4/9"	93-2/5"	94-3/8"
1"	LEG LENGTH	3"	4-5/8"	5-2/3"	7-5/9"	7-1/3"	11"	10-4/7"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-4/9"	42-3/5"	53-1/2"	71-3/7"	72"	107-3/4"	108-6/7"
	"A" OFFSET	13-2/9"	21-2/7"	26-3/4"	35-5/7"	36"	53-7/8"	54-3/7"
	"B" STUB HEIGHT	22-8/9"	36-7/8"	46-3/8"	61-6/7"	62-1/3"	93-1/3"	94-1/4"
1-1/4"	LEG LENGTH	3"	4-2/3"	5-5/7"	7-5/8"	7-1/3"	11-1/7"	10-2/3"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-1/4"	42-2/5"	53-3/8"	71-1/4"	71-4/5"	107-5/9"	108-2/3"
	"A" OFFSET	13-1/7"	21-1/5"	26-2/3"	35-5/8"	36"	53-7/9"	54-1/3"
	"B" STUB HEIGHT	22-3/4"	36-3/4"	46-2/9"	61-5/7"	62-1/5"	93-1/7"	94-1/8"
1-1/2"	LEG LENGTH	3"	4-3/4"	5-4/5"	7-2/3"	7-4/9"	11-2/9"	10-5/7"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26-1/7"	42-2/7"	53-1/4"	71-1/8"	71-2/3"	107-4/9"	108-5/9"
	"A" OFFSET	13"	21-1/7"	26-5/8"	35-4/7"	35-5/6"	53-5/7"	54-2/7"
	"B" STUB HEIGHT	22-2/3"	36-5/8"	46-1/9"	61-3/5"	62"	93"	94"
2"	LEG LENGTH	3-1/7"	4-5/6"	5-6/7"	7-3/4"	7-1/2"	11-2/7"	10-7/9"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	26"	42"	53"	70-8/9"	71-4/9"	107-1/5"	108-1/3"
	"A" OFFSET	13"	21"	26-1/2"	35-4/9"	35-5/7"	53-3/5"	54-1/6"
	"B" STUB HEIGHT	22-4/9"	36-3/7"	46"	61-2/5"	61-7/8"	92-5/6"	93-4/5"
2-1/2"	LEG LENGTH	3-1/4"	5"	6"	7-6/7"	7-3/5"	11-2/5"	10-7/8"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	25-2/3"	41-4/5"	52-3/4"	70-2/3"	71-1/5"	107"	108"
	"A" OFFSET	12-5/6"	21"	26-3/8"	35-1/3"	35-3/5"	53-1/2"	54"
	"B" STUB HEIGHT	22-2/9"	36-1/5"	45-2/3"	61-1/6"	61-2/3"	92-5/8"	93-3/5"
3"	LEG LENGTH	3-3/8"	5"	6"	8"	7-5/7"	11-1/2"	11"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	25-1/3"	41-1/2"	52-4/9"	70-1/3"	70-8/9"	106-2/3"	107-3/4"
	"A" OFFSET	12-2/3"	20-3/4"	26-2/9"	35-1/6"	35-4/9"	53-1/3"	53-7/8"
	"B" STUB HEIGHT	22"	36"	45-3/7"	61"	61-2/5"	92-1/3"	93-1/3"
3-1/2"	LEG LENGTH	3-1/2"	5-1/5"	6-2/9"	8-1/9"	7-6/7"	11-2/3"	11-1/7"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	25"	41-1/4"	52-1/5"	70"	70-5/8"	106-2/5"	107-1/2"
	"A" OFFSET	12-5/9"	20-5/8"	26"	35"	35-1/3"	53-1/5"	53-3/4"
	"B" STUB HEIGHT	21-3/4"	35-5/7"	45-1/5"	60-2/3"	61-1/6"	92-1/7"	93-1/9"
4"	LEG LENGTH	3-5/8"	5-2/7"	6-1/3"	8-2/9"	8"	11-3/4"	11-1/4"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	24-6/7"	41"	52"	69-5/6"	70-3/8"	106-1/7"	107-1/4"
	"A" OFFSET	12-3/7"	20-1/2"	26"	35"	35-1/5"	53"	53-5/8"
	"B" STUB HEIGHT	21-1/2"	35-1/2"	45"	60-1/2"	61"	92"	92-8/9"
5"	LEG LENGTH	3-3/4"	5-2/5"	6-4/9"	8-1/3"	8"	11-7/8"	11-1/3"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	24-1/3"	40-1/2"	51-2/5"	69-2/7"	69-6/7"	105-3/5"	106-3/4"
	"A" OFFSET	12-1/6"	20-1/4"	25-5/7"	34-2/3"	35"	52-4/5"	53-3/8"
	"B" STUB HEIGHT	21"	35"	44-1/2"	60"	60-1/2"	91-1/2"	92-3/7"
6"	LEG LENGTH	4"	5-2/3"	6-2/3"	8-4/7"	8-1/3"	12-1/9"	11-3/5"
	UNBENT LENGTH	30"	48"	60"	80"	80"	120"	120"
	DIAGONAL	23-7/9"	40"	50-8/9"	68-3/4"	69-1/3"	105"	106-1/5"
	"A" OFFSET	11-8/9"	20"	25-4/9"	34-3/8"	34-2/3"	52-1/2"	53"
	"B" STUB HEIGHT	20-3/5"	34-4/7"	44"	59-5/9"	60"	91"	92"

EMT Special Radius Elbows • 90°



Size	Radius	12"	15"	18"	24"	30"	36"	42"	48"	60"
1"	LEG LENGTH	8-9/16"		9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	12-5/16"	
	UNBENT LENGTH	36"		48"	59"	69"	78"	90"	100"	
	DIAGONAL	29-1/8"		39-7/16"	49"	57-7/8"	66-1/6"	76-3/8"	85-5/16"	
	"A" OFFSET	20-9/16"		27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
	"B" STUB HEIGHT	20-9/16"		27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
1-1/4"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	12-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	100"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/6"	76-3/8"	85-5/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
	"B" STUB HEIGHT	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
1-1/2"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	12-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	100"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/6"	76-3/8"	85-5/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
	"B" STUB HEIGHT	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
2"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	12-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	100"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/6"	76-3/8"	85-5/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
	"B" STUB HEIGHT	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
2-1/2"	LEG LENGTH	8-9/16"	9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	12-5/16"	
	UNBENT LENGTH	36"	42"	48"	59"	69"	78"	90"	100"	
	DIAGONAL	29-1/8"	34-1/4"	39-7/16"	49"	57-7/8"	66-1/6"	76-3/8"	85-5/16"	
	"A" OFFSET	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
	"B" STUB HEIGHT	20-9/16"	24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
3"	LEG LENGTH		9-1/4"	9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	12-5/16"	
	UNBENT LENGTH		42"	48"	59"	69"	78"	90"	100"	
	DIAGONAL		34-1/4"	39-7/16"	49"	57-7/8"	66-1/6"	76-3/8"	85-5/16"	
	"A" OFFSET		24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
	"B" STUB HEIGHT		24-1/4"	27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
3-1/2"	LEG LENGTH			9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	12-5/16"	
	UNBENT LENGTH			48"	59"	69"	78"	90"	100"	
	DIAGONAL			39-7/16"	49"	57-7/8"	66-1/6"	76-3/8"	85-5/16"	
	"A" OFFSET			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
	"B" STUB HEIGHT			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	
4"	LEG LENGTH			9-7/8"	10-5/8"	10-15/16"	10-3/4"	12"	12-5/16"	11-7/8"
	UNBENT LENGTH			48"	59"	69"	78"	90"	100"	118"
	DIAGONAL			39-7/16"	49"	57-7/8"	66-1/6"	76-3/8"	85-5/16"	101-11/16"
	"A" OFFSET			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	71-7/8"
	"B" STUB HEIGHT			27-7/8"	34-5/8"	40-15/16"	46-3/4"	54"	60-5/16"	71-7/8"
5"	LEG LENGTH					10-15/16"	10-3/4"	12"	12-5/16"	11-7/8"
	UNBENT LENGTH					69"	78"	90"	100"	118"
	DIAGONAL					57-7/8"	66-1/6"	76-3/8"	85-5/16"	101-11/16"
	"A" OFFSET					40-15/16"	46-3/4"	54"	60-5/16"	71-7/8"
	"B" STUB HEIGHT					40-15/16"	46-3/4"	54"	60-5/16"	71-7/8"
6"	LEG LENGTH						10-3/4"	12"	12-5/16"	11-7/8"
	UNBENT LENGTH						78"	90"	100"	118"
	DIAGONAL						66-1/6"	76-3/8"	85-5/16"	101-11/16"
	"A" OFFSET						46-3/4"	54"	60-5/16"	71-7/8"
	"B" STUB HEIGHT						46-3/4"	54"	60-5/16"	71-7/8"

Original Korns Clamps

For Conduit, Strut, and
Cable Tray Support Systems



Parallel Conduit Support



Right Angle Conduit Support

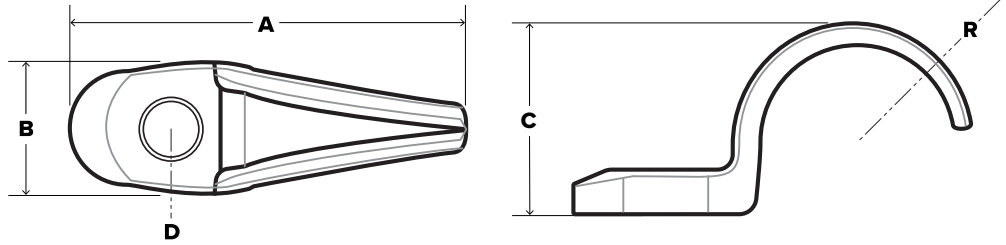


Beam Clamp



Edge Type Conduit Support

One-Hole Straps



Application

- Used to support GRC or IMC to mounting surface

Features

- Can be used with clampback spacers
- 2-1/2" through 4" trade sizes are also approved for use with EMT

Applicable Third-Party Standards

- ANSI/UL 2239 (E216996)
- CAN/CSA-C22.2 No. 18
- ANSI/NFPA 70 National Electric Code
- Canadian Electric Code (CEC), Part 1

Standard Materials

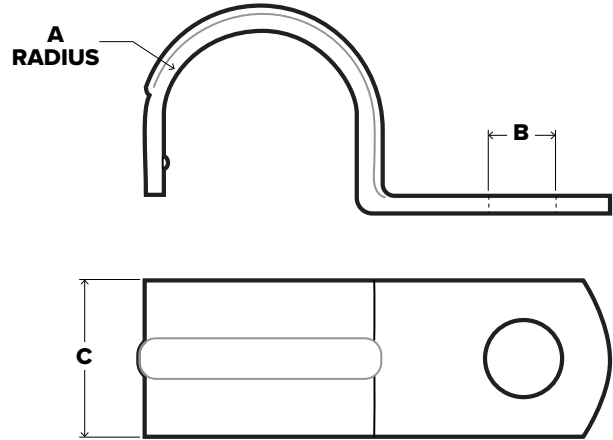
- Malleable iron

Standard Finish

- Zinc-plated

Catalog Number	Trade Size	A	B	C	D	R
KNOHK-1/2	1/2"	2.01"	0.6"	0.96"	0.28"	0.43"
KNOHK-3/4	3/4"	2.2"	0.73"	1"	0.31"	0.53"
KNOHK-1	1"	2.71"	0.9"	1.31"	0.37"	0.67"
KNOHK-1-1/4	1-1/4"	3.13"	0.78"	1.72"	0.47"	0.84"
KNOHK-1-1/2	1-1/2"	3.9"	1.06"	2.06"	0.47"	0.96"
KNOHK-2	2"	4.41"	1.39"	2.49"	0.56"	1.2"
KNOHK-2-1/2	2-1/2"	5.33"	1.36"	3.03"	0.56"	1.45"
KNOHK-3	3"	6.7"	1.47"	3.73"	0.56"	1.76"
KNOHK-3-1/2	3-1/2"	7.77"	1.98"	4.31"	0.71"	2.02"
KNOHK-4	4"	8.16"	2.02"	4.96"	0.71"	2.27"

1-Hole Steel EMT Strap



Application

- Used to support EMT where greater load bearing is required

Features

- Snap-on style enables easy installation
- Approved for indoor and outdoor use

Applicable Third-Party Standards

- ANSI/UL 2239 (E216996)
- CAN/CSA-C22.2 No. 18
- ANSI/NFPA 70 National Electric Code
- Canadian Electric Code (CEC), Part 1

Standard Materials

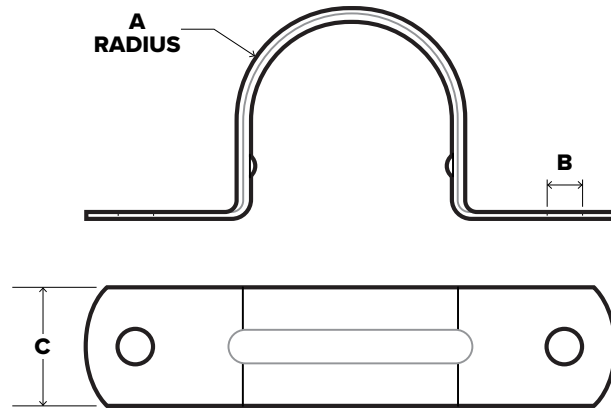
- Stamped steel

Standard Finish

- Zinc-plated

Catalog Number	Trade Size	Rad. A	B	C	Pcs./Box	Lbs./Box
EMT1HOLE1/2	1/2"	0.350"	0.25"	0.562"	100	2.43
EMT1HOLE3/4	3/4"	0.460"	0.25"	0.625"	50	1.98
EMT1HOLE1	1"	0.580"	0.312"	0.730"	25	1.49
EMT1HOLE1-1/4	1-1/4"	0.750"	0.375"	0.800"	20	2.03
EMT1HOLE1-1/2	1-1/2"	0.870"	0.375"	1.000"	10	1.83
EMT1HOLE2	2"	1.100"	0.437"	1.100"	15	4.27

2-Hole Steel EMT Strap



Application

- Used to support EMT where greater load bearing is required

Features

- Snap-on style enables easy installation
- Approved for indoor and outdoor use

Applicable Third-Party Standards

- ANSI/UL 2239 (E216996)
- CAN/CSA-C22.2 No. 18
- ANSI/NFPA 70 National Electric Code
- Canadian Electric Code (CEC), Part 1

Standard Materials

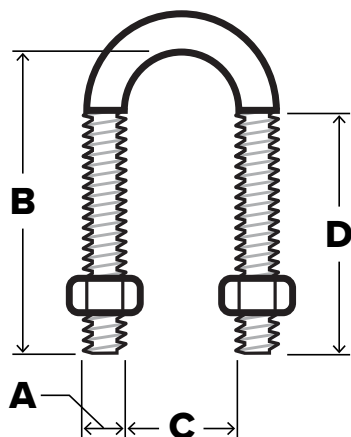
- Stamped steel

Standard Finish

- Zinc-plated

Catalog Number	Trade Size	Rad. A	B	C	Pcs./Box	Lbs./Box
EMT2HOLE1/2	1/2"	0.350"	0.188"	0.562"	140	2.16
EMT2HOLE3/4	3/4"	0.460"	0.188"	0.625"	50	1.01
EMT2HOLE1	1"	0.580"	0.188"	0.670"	50	1.32
EMT2HOLE1-1/4	1-1/4"	0.750"	0.250"	0.710"	25	1.43
EMT2HOLE1-1/2	1-1/2"	0.870"	0.250"	0.850"	25	1.82
EMT2HOLE2	2"	1.100"	0.375"	1.000"	10	1.32

U-bolts



Application

- Designed to support Galvanized Rigid Conduit (GRC) or Intermediate Metal Conduit (IMC).

Features

- Assembled with nut
- Approved for indoor and outdoor use

Standard Materials

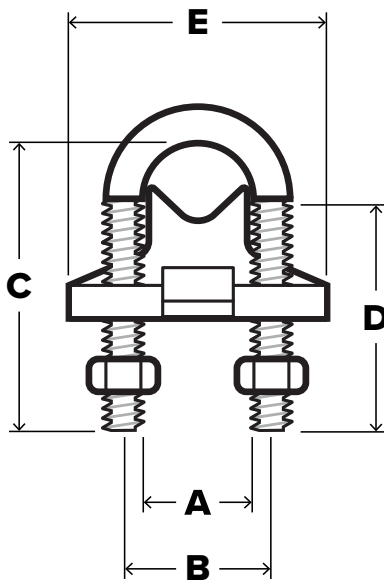
- Steel bolt and nut

Standard Finish

- Hot-dip galvanized

Catalog Number	Trade Size	A	B	C	D	Pcs./Units Per Box	Weight Per Carton
KNUB-1/2	1/2"	0.3125"	1.4375	0.0625	1.5"	100	13
KNUB-3/4	3/4"	0.3125"	2.4375	0.875	1.5"	100	14
KNUB-1	1"	0.3125"	2.75	1.1875	1.5"	100	15
KNUB-1-1/2	1-1/2"	0.3125"	3.5	2.062	1.5"	100	18
KNUB-2	2"	0.375"	4.3125	2.5	1.75"	100	30
KNUB-3	3"	0.375"	4.3125	3.6875	1.75"	50	38
KNUB-4	4"	0.375"	6.5	4.5625	1.75"	25	45

Right Angle Clamps for Rigid Conduit, IMC & EMT



Application

- Designed to secure GRC, IMC, or EMT perpendicular to beam, channel, and angle supports

Features

- Two hex nuts
- RoHS compliant

Applicable Third-Party Standards

- ANSI/UL 2239 (E216996)
- CAN/CSA-C22.2 No. 18
- ANSI/NFPA 70 National Electric Code
- Canadian Electric Code (CEC), Part 1

Standard Materials

- Steel U-Bolts and nuts
- Malleable iron

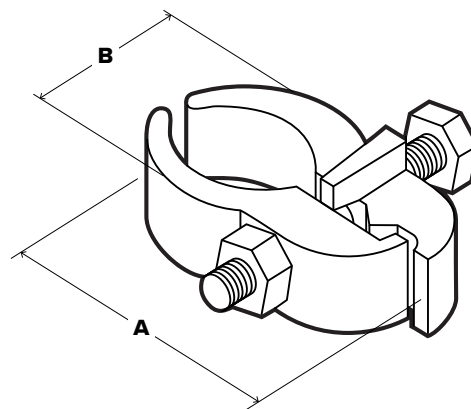
Standard Finish

- Right angle clamp – Hot-dip galvanized
- U-Bolt – Mechanically galvanized

Catalog Number	Trade Size	A	B	C	D	E	Load Rating (Lbs.)	Pcs./Units Per Box	Weight Per Carton
KNRA-1/2	1/2"	1"	1-1/4"	2-1/2"	1-13/16"	2-1/16"	50	140	34.9
KNRA-3/4	3/4"	1-1/8"	1-3/8"	2-13/16"	1-13/16"	2-1/4"	50	120	38.6
KNRA-1	1"	1-3/8"	1-5/8"	3-1/16"	1-13/16"	2-9/16"	50	100	43.8
KNRA-1-1/4	1-1/4"	1-3/4"	2"	3-3/16"	1-13/16"	2-7/8"	25	90	48.5
KNRA-1-1/2	1-1/2"	2"	2-3/8"	3-1/2"	1-13/16"	3-1/4"	25	80	54.8
KNRA-2	2"	2-1/2"	2-1/2"	4-1/2"	2-5/8"	4-1/16"	25	45	92.6
KNRA-2-1/2	2-1/2"	3"	3-1/4"	4-7/8"	2-5/8"	4-1/2"	10	40	106.5
KNRA-3	3"	3-5/8"	3-7/8"	5-3/8"	2-5/8"	5-1/8"	10	35	126.4
KNRA-3-1/2	3-1/2"	4-1/16"	4-9/16"	5-7/8"	2-5/8"	5-5/8"	10	30	136
KNRA-4	4"	4-11/16"	5-1/16"	6-11/16"	2-5/8"	6-1/8"	10	25	163.4
*KNRA-5	5"	5-11/16"	6.06"	7.38"	2.00"	7-1/2"	N/A	10	160
*KNRA-6	6"	6-3/4"	7.13"	8.38"	2.00"	8-11/16"	N/A	10	195

*Sizes not 3rd Party Certified

Parallel Conduit Clamps for Rigid Conduit, IMC & EMT



Application

- Designed to secure GRC, IMC, or EMT across or parallel to beam, channel, and angle supports

Features

- Easily installed
- Capable of withstanding heavy loads
- RoHS compliant

Applicable Third-Party Standards

- ANSI/UL 2239 (E216996)
- CAN/CSA-C22.2 No. 18
- ANSI/NFPA 70 National Electric Code
- Canadian Electric Code (CEC), Part 1

Standard Materials

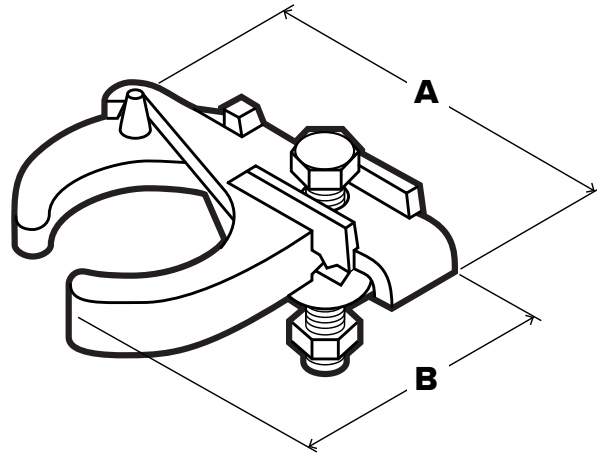
- Malleable iron
- Steel bolts and nuts

Standard Finish

- Malleable iron clamp – Hot-dip galvanized
- Steel bolts – Mechanically galvanized

Catalog Number	Trade Size	A	B	Load Rating (Lbs.)	Pcs./Units Per Box	Weight Per Carton
KNPAR-1/2	1/2"	2-7/8"	1-7/16"	30	100	53.8
KNPAR-3/4	3/4"	3-1/16"	1-11/16"	50	90	59.7
KNPAR-1	1"	3-1/4"	2"	60	85	62.4
KNPAR-1-1/4	1-1/4"	3-5/8"	2-1/8"	75	60	80.6
KNPAR-1-1/2	1-1/2"	3-7/8"	2-3/16"	80	50	86.5
KNPAR-2	2"	4-5/8"	2-7/8"	100	35	99.6
KNPAR-2-1/2	2-1/2"	5-1/4"	3-1/4"	125	30	130.4
KNPAR-3	3"	5-7/8"	3-7/8"	165	25	161.2
KNPAR-3-1/2	3-1/2"	6-5/16"	4-5/16"	200	26	190.4
KNPAR-4	4"	6-13/16"	4-13/16"	330	22	210

Edge Type Conduit Clamps for Rigid Conduit, IMC & EMT



Application

- Designed to secure GRC, IMC, or EMT across or perpendicular to beam, channel, and angle supports

Features

- Easily installed
- Capable of withstanding heavy loads
- RoHS compliant

Applicable Third-Party Standards

- ANSI/UL 2239 (E216996)
- CAN/CSA-C22.2 No. 18
- ANSI/NFPA 70 National Electric Code
- Canadian Electric Code (CEC), Part 1

Standard Materials

- Malleable iron
- Steel bolts and nuts

Standard Finish

- Malleable iron clamp – Hot-dip galvanized
- Steel bolts – Mechanically galvanized

Catalog Number	Trade Size	A	B	Pcs./Units Per Box	Weight Per Carton
KNET-1/2	1/2"	2-13/16"	2-1/8"	100	77.3
KNET-3/4	3/4"	2-15/16"	2-3/8"	90	80.6
KNET-1	1"	3-1/16"	2-5/8"	85	88.9
KNET-1-1/4	1-1/4"	3-1/16"	3-1/16"	60	100.6
KNET-1-1/2	1-1/2"	3-15/16"	3-1/4"	50	112.8
KNET-2	2"	4-1/2"	4-1/16"	35	175.2
KNET-2-1/2	2-1/2"	5-1/8"	4-5/8"	30	206.9
KNET-3	3"	5-3/4"	5-1/4"	25	246

Beam Clamps



Application

- Used to attach electrical hardware to steel structures

Features

- Assembled with square head bolt
- Capable of withstanding heavy loads

Applicable Third-Party Standards

- ANSI/UL 2239 (E216996)
- CAN/CSA-C22.2 No. 18
- ANSI/NFPA 70 National Electric Code
- Canadian Electric Code (CEC), Part 1

Standard Materials

- Ductile iron
- Steel bolts and nuts

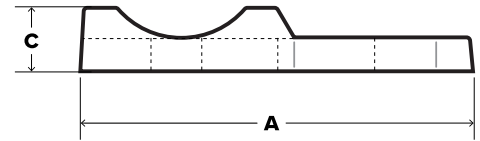
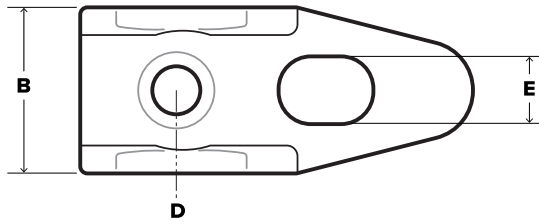
Standard Finish

- Ductile iron clamp – Zinc-plated
- Steel bolts – Zinc-plated

Catalog Number	Jaw Opening	Beam Thickness	Threaded Hole	Bolt Size	Maximum Load Rating*
KNKBC-101	13/16"	1/8" – 1/2"	1/4" – 20"	5/16" – 18"	120
KNKBC-102	7/8"	1/8" – 1/2"	5/16" – 18"	3/8" – 16"	300
KNKBC-103	1-1/8"	1/8" – 1/2"	3/8" – 16"	1/2" – 13"	300
KNKBC-104	31/32"	1/8" – 3/4"	1/2" – 13"	5/8" – 11"	600

*UL load rating is 1/3 of maximum static load

Clampback Spacers



Application

- Provide space between conduit and mounting surface

Features

- Can be used with one hole straps to support rigid conduit or IMC
- 2-1/2" through 4" trade sizes are also approved for use with EMT

Applicable Third-Party Standards

- ANSI/UL 2239 (E216996)
- CAN/CSA-C22.2 No. 18
- ANSI/NFPA 70 National Electric Code
- Canadian Electric Code (CEC), Part 1

Standard Materials

- Malleable iron

Standard Finish

- Zinc-plated

Catalog Number	Trade Size	A	B	C	D	E
KNCSK-1/2	1/2"	2.3"	1.05"	0.42"	0.39"	0.39"
KNCSK-3/4	3/4"	2.44"	1.17"	0.45"	0.45"	0.42"
KNCSK-1	1"	3.02"	1.27"	0.5"	0.38"	0.52"
KNCSK-1-1/4	1-1/4"	3.53"	1.59"	0.55"	0.59"	0.5"
KNCSK-1-1/2	1-1/2"	3.91"	1.61"	0.6"	0.56"	0.56"
KNCSK-2	2"	4.8"	1.95"	0.96"	0.56"	0.58"
KNCSK-2-1/2	2-1/2"	5.42"	2.5"	0.78"	0.58"	0.61"
KNCSK-3	3"	6.75"	2.67"	0.86"	0.52"	0.59"
KNCSK-3-1/2	3-1/2"	7.43"	2.89"	1.06"	0.6"	0.75"
KNCSK-4	4"	8.08"	3.48"	1.09"	0.52"	0.88"

Article 310 – Conductors for General Wiring

Table 310.16 Allowable ampacities of insulated conductors rated 0 through 2000 volts, 60°C through 90°C (140°F through 194°F), not more than three current-carrying conductors in raceway, cable, or earth (directly buried), based on ambient temperature of 30°C (86°F)

Temperature Rating of Conductors							
Size AWG or kcmil	60°C - (140°F)	75°C - (167°F)	90°C - (194°F)	60°C - (140°F)	75°C - (167°F)	90°C - (194°F)	Size AWG or kcmil
	Copper			Aluminum or Copper-Clad Aluminum			
18			14				
16			18				
14*	20	20	25				
12*	25	25	30	20	20	25	12*
10*	30	35	40	25	30	35	10*
8	40	50	55	30	40	45	8
6	55	65	75	40	50	60	6
4	70	85	95	55	65	75	4
3	85	100	110	65	75	85	3
2	95	115	130	75	90	100	2
1	110	130	150	85	100	115	1
1/0	125	150	170	100	120	135	1/0
2/0	145	175	195	115	135	150	2/0
3/0	165	200	225	130	155	175	3/0
4/0	195	230	260	150	180	205	4/0
250	215	255	290	170	205	230	250
300	240	285	320	190	230	255	300
350	260	310	350	210	250	280	350
400	280	335	380	225	270	305	400
500	320	380	430	260	310	350	500
600	355	420	475	285	340	385	600
700	385	460	520	310	375	420	700
750	400	475	535	320	385	435	750
800	410	490	555	330	395	450	800
900	435	520	585	355	425	480	900
1000	455	545	615	375	445	500	1000
1250	495	590	665	405	485	545	1250
1500	520	625	705	435	520	585	1500
1750	545	650	735	455	545	615	1750
2000	560	665	750	470	560	630	2000

Correction Factors							
Ambient Temp. (oC)	For ambient temperatures other than 30°C (86°F), multiply the allowable ampacities shown above by the appropriate factor shown below.						Ambient Temp. (oF)
21 - 25	1.08	1.05	1.04	1.08	1.05	1.04	70 - 77
26 - 30	1.00	1.00	1.00	1.00	1.00	1.00	78 - 86
31 - 35	0.91	0.94	0.96	0.91	0.94	0.96	87 - 95
36 - 40	0.82	0.88	0.91	0.82	0.88	0.91	96 - 104
41 - 45	0.71	0.82	0.87	0.71	0.82	0.87	105 - 113
46 - 50	0.58	0.75	0.82	0.58	0.75	0.82	114 - 122
51 - 55	0.41	0.67	0.76	0.41	0.67	0.76	123 - 131
56 - 60		0.58	0.71		0.58	0.71	132 - 140
61 - 70		0.33	0.58		0.33	0.58	141 - 158
71 - 80			0.41			0.41	159 - 176

Table C8 – Maximum Number of Conductors or Fixture Wires in Rigid Metal Conduit (RMC) (Based on Table 1, Chapter 9)

Type	Size (AWG)	16	21	27	35	41	53	63	78	91	103	129	155
	Size (kcmil)	.5	.75	1	1.25	1.5	2	2.5	3	3.5	4	5	6
Type	Conductor	Metric Designator (Trade Size)											
RHH, RHW, RHW-2	14	4	7	12	21	28	46	66	102	136	176	276	398
	12	3	6	10	17	23	38	55	85	113	146	229	330
	10	3	5	8	14	19	31	44	68	91	118	185	267
	8	1	2	4	7	10	16	23	36	48	61	97	139
	6	1	1	3	6	8	13	18	29	38	49	77	112
	4	1	1	2	4	6	10	14	22	30	38	60	87
	3	1	1	2	4	5	9	12	19	26	34	53	76
	2	1	1	1	3	4	7	11	17	23	29	46	66
	1	0	1	1	1	3	5	7	11	15	19	30	44
	1/0	0	1	1	1	2	4	6	10	13	17	26	38
	2/0	0	1	1	1	2	4	5	8	11	14	23	33
	3/0	0	0	1	1	1	3	4	7	10	12	20	28
	4/0	0	0	1	1	1	3	4	6	8	11	17	24
	250	0	0	0	1	1	3	4	6	8	13	18	28
	300	0	0	0	1	1	2	4	5	7	11	16	24
350	0	0	0	1	1	1	2	4	5	6	10	15	
400	0	0	0	1	1	1	3	4	6	9	13	20	
500	0	0	0	1	1	1	3	4	5	8	11	17	
600	0	0	0	0	1	1	2	3	4	6	9	13	
700	0	0	0	0	1	1	1	3	4	6	8	12	
750	0	0	0	0	0	1	1	3	3	5	8	11	
800	0	0	0	0	0	1	1	2	3	5	7	10	
900	0	0	0	0	0	1	1	2	3	5	7	10	
1000	0	0	0	0	0	1	1	1	3	4	6	9	
TW, THHW, THW, THW-2	14	9	15	25	44	59	98	140	216	288	370	581	839
	12	7	12	19	33	45	75	107	165	221	284	446	644
	10	5	9	14	25	34	56	80	123	164	212	332	480
	8	3	5	8	14	19	31	44	68	91	118	185	267
	6	3	5	8	14	19	31	44	68	91	118	185	267
RHH*, RHW*, RHW-2*	14	6	10	17	29	39	65	93	143	191	246	387	558
	12	5	8	13	23	32	52	75	115	154	198	311	448
RHH*, RHW*, RHW-2*	10	3	6	10	18	25	41	58	90	120	154	242	350
	8	1	4	6	11	15	24	35	54	72	92	145	209
RHH*, RHW*, RHW-2*, TW, THW, THHW, THW-2	6	1	3	5	8	11	18	27	41	55	71	111	160
	4	1	1	3	6	8	14	20	31	41	53	83	120
	3	1	1	3	5	7	12	17	26	35	45	71	103
	2	1	1	2	4	6	10	14	22	30	38	60	87
	1	1	1	1	3	4	7	10	15	21	27	42	61
	1/0	0	1	1	2	3	6	8	13	18	23	36	52
	2/0	0	1	1	2	3	5	7	11	15	19	31	44
	3/0	0	1	1	1	2	4	6	9	13	16	26	37
	4/0	0	0	1	1	1	3	5	8	10	14	21	31
	250	0	0	1	1	1	3	4	6	8	11	17	25
	300	0	0	1	1	1	2	3	5	7	9	15	22
	350	0	0	0	1	1	1	3	5	6	8	13	19
	400	0	0	0	1	1	1	3	4	6	7	12	17
	500	0	0	0	1	1	1	2	3	5	6	10	14
	600	0	0	0	1	1	1	3	4	5	8	12	17
700	0	0	0	0	1	1	1	2	3	4	7	10	
750	0	0	0	0	1	1	1	2	3	4	7	10	
800	0	0	0	0	1	1	1	2	3	4	6	9	
900	0	0	0	0	1	1	1	1	3	4	6	8	
1000	0	0	0	0	0	1	1	1	2	3	5	8	
THHN, THWN, THWN-2	14	13	22	36	63	85	140	200	309	412	531	833	1202
	12	9	16	26	46	62	102	146	225	301	387	608	877
	10	6	10	17	29	39	64	92	142	189	244	383	552
	8	3	6	9	16	22	37	53	82	109	140	221	318
	6	2	4	7	12	16	27	38	59	79	101	159	230
	4	1	2	4	7	10	16	23	36	48	62	98	141
	3	1	1	3	6	8	14	20	31	41	53	83	120
	2	1	1	3	5	7	11	17	26	34	44	70	100
	1	1	1	1	4	5	8	12	19	25	33	51	74
	1/0	1	1	1	3	4	7	10	16	21	27	43	63
	2/0	0	1	1	2	3	6	8	13	18	23	36	52
	3/0	0	1	1	1	3	5	7	11	15	19	30	43
	4/0	0	1	1	1	2	4	6	9	12	16	25	36
	250	0	0	1	1	1	3	5	7	10	13	20	29
	300	0	0	1	1	1	3	4	6	8	11	17	25
350	0	0	1	1	1	2	3	5	7	10	15	22	
400	0	0	1	1	1	2	3	5	7	8	13	20	
500	0	0	0	1	1	1	2	4	5	7	11	16	
600	0	0	0	1	1	1	1	3	4	6	9	13	
700	0	0	0	1	1	1	1	3	4	5	8	11	
750	0	0	0	0	1	1	1	3	4	5	7	11	
800	0	0	0	0	1	1	1	2	3	4	7	10	
900	0	0	0	0	1	1	1	2	3	4	6	9	
1000	0	0	0	0	1	1	1	1	3	4	6	8	

Note: This table is for concentric stranded conductors only. For compact stranded conductors, Table C8(A) should be used. *Types RHH, RHW, and RHW-2 without outer covering.

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Robroy Conduit Pipe Fittings are manufactured in accordance with the provisions of the following specifications:

Galvanized Rigid Metal Conduit

Underwriters' Laboratories, Inc. Standard UL-6
American National Standards Institute, Inc. ANSI C80.1

Electrical Metallic Tubing

Underwriters' Laboratories, Inc. Standard UL-797
American National Standards Institute, Inc. ANSI C80.3

Aluminum Rigid Conduit

Underwriters' Laboratories, Inc. Standard UL-6A
American National Standards Institute, Inc. ANSI C80.5

NEMA – NEMRA – NMG Group–NAED Associates

CSA APPROVED

• C22.2 NO 45 • C22.2 NO 83



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