UNF, UNL, UNY, UNA unions and EL elbows

Cl. I, Div. 1 & 2, Groups A, B, C, D[A]
Cl. II, Div. 1, Groups E, F, G
Cl. II, Div. 2, Groups F, G
Cl. III

Explosionproof
Dust-ignitionproof

Applications:

UNY and UNF unions are installed in threaded thick wall conduit systems:

- UNY – to connect conduit to a conduit fitting, junction box or device enclosure
- UNF – to connect conduit to conduit, or to provide a means for future modification of the conduit system

UNA unions are used in conduit and fitting installations when entrance angle is between 90° and 180°.

EL elbows are installed in conduit run or in box or fitting hub:

- To change direction in threaded rigid conduit run by 90°, or when terminating at a box or fitting

Features:

UNY, UNF and UNL unions have:

- Compact design which permits assembly with a minimum of clearance to other adjacent conduit and/or equipment
- Strong and durable construction

UNA unions:

- Have a single clamping nut on angle, making it both a union and a connector
- Permit conduit joints at angles between 90° and 180°

EL elbows have a smooth interior and are both strong and compact.

Standard materials:

- UNY, UNF unions – ½" to 1" and 1½": steel
- UNY, UNF unions – 1¼" to 6": Feraloy® iron alloy
- UNL, UNA unions – Feraloy iron alloy
- EL elbows – Feraloy iron alloy or ductile iron

Standard finishes:

- Steel – electrogalvanized with chromate treatment
- Feraloy iron alloy, malleable iron – electrogalvanized and aluminum acrylic paint

Options:

Description	Suffix
• Copper-free aluminum	**SA**

Not available on UNA or 5" and 6" UNY/UNF

Certifications and compliances:

NEC/CEC:

EL ½", ¾", 1"
UNF/UNY -105, -215, -205, -305
UNL -105, -125, -215, -205

- Class I, Divisions 1 & 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

UNF/UNY -406, -506, -606, -706, -806, -905, -1005

- Class I, Divisions 1 & 2, Groups B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

EL, UNF, UNL, UNY – All Sizes

- Class I, Divisions 1 & 2, Groups C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

UNA

- Class I, Divisions 1 & 2, Group D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

UL standard:

- UL1203

CSA standard:

- C22.2 No. 30

Ordering information:

UNY male



½" - 4"



5" - 6"

UNF female



½" - 4"



5" - 6"

Hub size	Cat. # UNY	Hub size	Cat. # UNF
½"	**UNY105**	½"	**UNF105**
½" female to ¾" male	**UNY215**	¾ to ½"	**UNF215**
¾"	**UNY205**	¾"	**UNF205**
1"	**UNY305**	1"	**UNF305**
1¼"	**UNY405**	1¼"	**UNF405**
1¼"	**UNY406[C]**	1¼"	**UNF406[C]**
1½"	**UNY505**	1½"	**UNF505**
1½"	**UNY506[C]**	1½"	**UNF506[C]**
2"	**UNY605**	2"	**UNF605**
2"	**UNY606[C]**	2"	**UNF606[C]**
2½"	**UNY705**	2½"	**UNF705**
2½"	**UNY706[C]**	2½"	**UNF706[C]**
3"	**UNY805**	3"	**UNF805**
3"	**UNY806[C]**	3"	**UNF806[C]**
3½"	**UNY905**	3½"	**UNF905**
4"[B]	**UNY1005**	4"	**UNF1005**
5"[B]	**UNY012**	5"	**UNF012**
6"[B]	**UNY014**	6"	**UNF014**

UNL 90° angle



Hub size	Cat. #
½" to ½"	**UNL105**
¾" female to ½" male	**UNL125**
½" female to ¾" male	**UNL215**
¾" to ¾"	**UNL205**

[A] See Certifications and compliances section for classification of each product.
[B] Not UL Listed.
[C] Not available with SA (aluminum) material option.

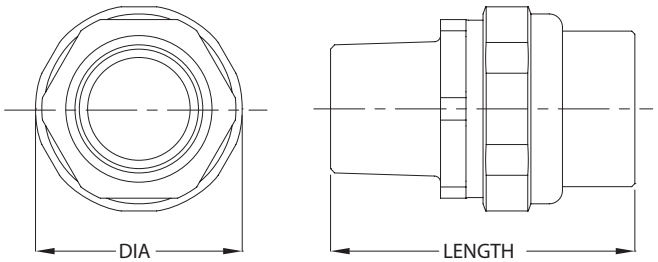
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UNF, UNL, UNY, UNA unions and EL elbows

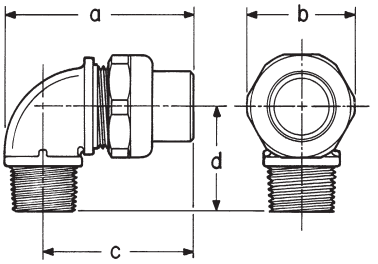
Cl. I, Div. 1 & 2, Groups A, B, C, D[D]
Cl. II, Div. 1, Groups E, F, G
Cl. II, Div. 2, Groups F, G
Cl. III

Explosionproof
Dust-ignitionproof

Dimensions (in inches):



UNY



UNL

UNY/UNF

		UNY		UNF	
Hub size	**Material**	**Length**	**Max. dia.**	**Length**	**Max. dia.**
1/2"	Iron	2 5/8	1 9/16	1 27/32	1 9/16
1/2"	Aluminum	2 15/32	1 1/2	1 5/8	1 1/2
3/4"	Iron	2 11/16	1 7/8	1 31/32	1 7/8
3/4"	Aluminum	2 5/8	1 25/32	1 29/32	1 25/32
3/4" - 1/2"	Iron	2 5/8	1 7/8	1 7/8	1 7/8
3/4" - 1/2"	Aluminum	2 5/8	1 7/8	1 7/8	1 7/8
1"	Iron	3	2 3/16	2 3/32	2 3/16
1"	Aluminum	3	2 1/32	2 3/32	2 1/32
1 1/4"	Iron	3 23/32	2 15/16	2 1/4	2 15/16
1 1/4"	Aluminum	3 5/8	2 3/4	2 1/4	2 3/4
1 1/2"	Iron	4 7/32	3 1/16	2 3/4	3 1/16
1 1/2"	Aluminum	3 31/32	3 1/16	2 19/32	3 1/16
2"	Iron	4 7/32	3 7/8	2 11/16	3 7/8
2"	Aluminum	4 3/32	3 7/8	2 21/32	3 7/8
2 1/2"	Iron	5 13/32	4 5/32	3 1/8	4 5/32
2 1/2"	Aluminum	5 11/32	4 5/8	3 1/8	4 5/8
3"	Iron	5 13/16	5 1/16	3 7/16	5 1/16
3"	Aluminum	5 25/32	5 5/32	3 7/16	5 5/32
3 1/2"	Iron	6 9/16	5 11/16	4 1/8	5 11/16
3 1/2"	Aluminum	6 15/32	5 5/8	4 1/8	5 5/8
4"	Iron	6 5/8	6 3/16	4 1/8	6 3/16
4"	Aluminum	6 15/32	6 3/16	4 1/16	6 3/16

UNL

Dim.	**105**	**125**	**215**	**205**
a	2 11/16	2 11/16	2 7/8	2 7/8
b	1 17/32	1 13/16	1 13/16	1 13/16
c	2 1/16	2 1/16	2 1/4	2 1/4
d	1 7/16	1 7/16	1 5/8	1 5/8

[D] See Certifications and compliances section for classification of each product.

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Ordering information (continued):

UNA



Male
(with removable nipple)

Male

Hub size	Cat. #
1/2"	UNA16
3/4"	UNA26
1"	UNA36

EL



90° male



90° female



45° female



90° male and female

90° male

Hub size	Cat. #
1/2"	EL195
3/4"	EL295
1"	EL395

45° female

Hub size	Cat. #
1/2"	EL1
3/4"	EL2
1"	EL3
1 1/4"	EL4
1 1/2"	EL5
2"	EL6
2 1/2"	EL7
3"	EL8
3 1/2"	EL9
4"	EL10

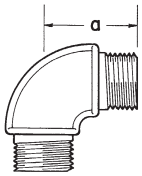
90° female

Hub size	Cat. #
1/2"	EL19[F]
3/4"	EL29[F]
1"	EL39[F]
1 1/4"	EL49[F]
1 1/2"	EL59[F]
2"	EL69[F]
2 1/2"	EL79

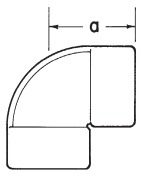
90° male and female

Hub size	Cat. #
1/2"	EL196[F]
3/4"	EL296[F]
1"	EL396[F]
1 1/4"	EL496

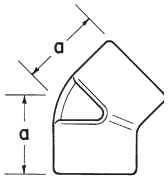
Dimensions (in inches):



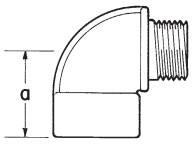
90° male



90° female



45° female



90° male and female

EL

UNA

Male

Hub size	Length	Width
1/2"	4 5/16	2 5/8
3/4"	4 13/16	2 7/8
1"	5 11/16	3 1/2

EL

	45° female	90° male	90° female	90° male and female
Hub size	a	a	a	a
1/2"	1 3/16	1 7/16	1 17/32	1 17/32
3/4"	1 3/8	1 5/8	1 3/4	1 5/8
1"	1 21/32	1 7/8	2	1 7/8
1 1/4"	1 3/4		2 1/4	2 1/8
1 1/2"	1 15/16		4	
2"	2 1/4		5	
2 1/2"	2 3/4		6 7/16	
3	3 1/6			
3 1/2"	3 7/16			
4"	3 5/8			

[E] See Certifications and compliances section for classification of each product.

[F] Available in copper-free aluminum. To order, add suffix 'SA' to end of catalog number.

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UNY and UNF unions – stainless steel

Cl. I, Div. 1 & 2, Groups A, B, C, D
Cl. II, Div. 1, Groups E, F, G
Cl. II, Div. 2, Groups F, G
Cl. III

Explosionproof
Dust-ignitionproof

Applications:

UNY and UNF unions are installed in threaded thick wall conduit systems:

- UNY – to connect conduit to a conduit fitting, junction box or device enclosure
- UNF – to connect conduit to conduit, or to provide a means for future modification of the conduit system

Features:

UNY and UNF unions have:

- Compact design which permits assembly with a minimum of clearance to other adjacent conduit and/or equipment
- Strong and durable construction

Stainless steel benefits:

- Self-healing properties help reduce the penetration of rust/corrosion and eliminate damage to the fitting
- Retain strength in extreme heat and extreme cold conditions
- Surface is easy to maintain and keep clean
- Easy cleaning capabilities make these fittings perfect for food processing and other hygienic areas where wash downs are common
- Superior strength and durability greatly reduce replacement – this will lower your total cost of ownership and increase your return on investment
- Do not require harsh environment-damaging cleaners to keep them looking like new

Certifications and compliances:

NEC/CEC:

- Class I, Divisions 1 & 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

UL standard:

- UL1203

CSA standard:

- C22.2 No. 30

Standard material:

- 316 stainless steel

Standard finish:

- Passivated



UNY

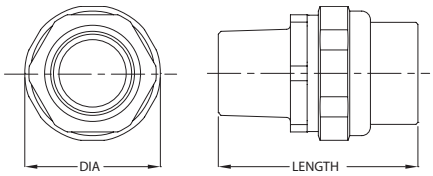


UNF

Ordering information:

Hub size	Cat. # UNY	Hub size	Cat. # UNF
1/2"	**UNY105 SS**	1/2"	**UNF105 SS**
1/2" female to 3/4" male	**UNY215 SS**	3/4" to 1/2"	**UNF215 SS**
3/4"	**UNY205 SS**	3/4"	**UNF205 SS**
1"	**UNY305 SS**	1"	**UNF305 SS**

Dimensions (in inches):



UNY

Hub size	UNY Length	UNY Max. dia.	UNF Length	UNF Max. dia.
1/2"	2 15/32	1 1/2	1 5/8	1 1/2
3/4"	2 5/8	1 25/32	1 29/32	1 25/32
3/4" - 1/2"	2 5/8	1 7/8	1 7/8	1 7/8
1"	3	2 1/32	2 3/32	2 1/32

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