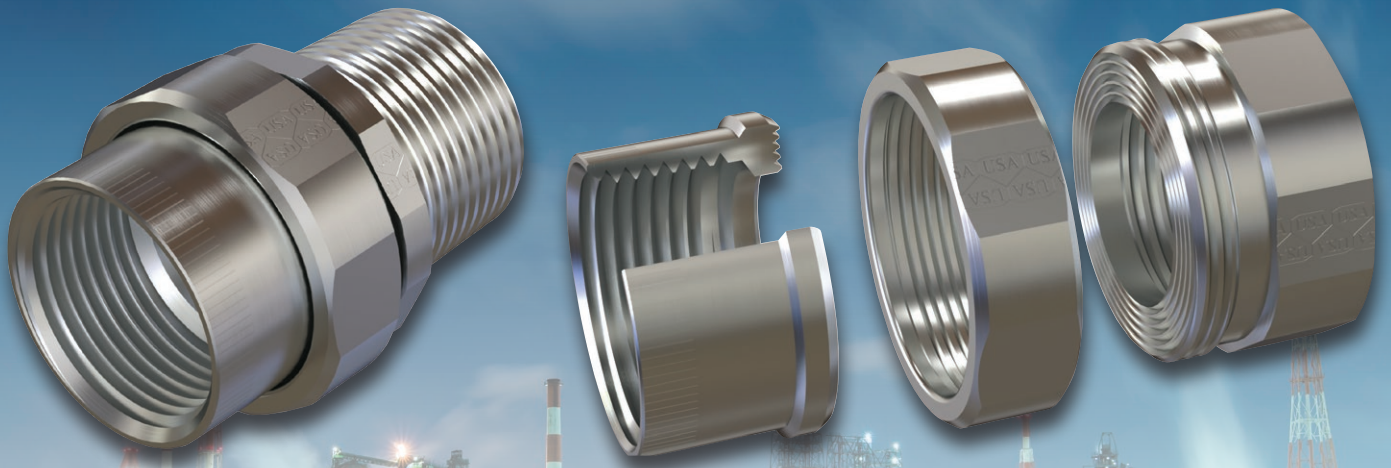


FITTINGS
UNF/UNY UNIONS

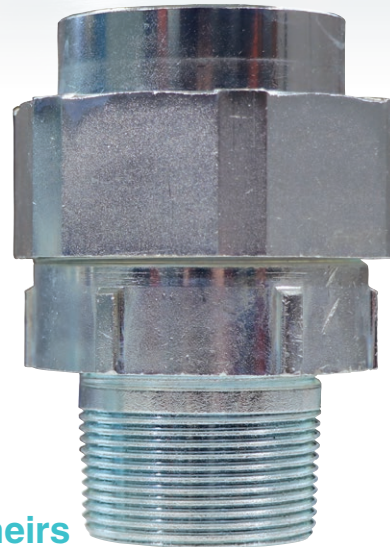


2.75"



Ours vs. Theirs

Side by Side comparison of UNY 1-1/2" vs Competition UNY 1-1/2"



4.22"



FITTINGS

UNF/UNY UNIONS



STEEL:

1/2" – 1-1/4"

Class I, Div. 1 & 2, Groups A, B, C, D
1-1/2", 3", 3-1/2", 4"

Class I, Div. 1 & 2, Groups B, C, D
2", 2-1/2"

Class I, Div. 1 & 2, Groups C, D

Class II, Div. 1 & 2, Groups E, F, G

Class III

ALUMINUM:

1/2" – 1"

Class I, Div. 1 & 2, Groups A, B, C, D
3" – 4"

Class I, Div. 1 & 2, Groups B, C, D
1-1/4" – 2-1/2"

Class I, Div. 1 & 2, Groups C, D

Class II, Div. 1 & 2 Groups E, F, G

Class III



E10514

Type 3, 4

Tamb US -25°C to +60°C

Tamb Can. -50°C to +60°C

FEATURES-SPECIFICATIONS

Applications

- UNF/UNY unions are used to connect two pieces of conduit or attach conduit to junction boxes, fittings, or devices
- Permits removal of equipment without turning or removal of conduit

Features

- Unique design offers a compact size for lighter weight and smaller profile for critical clearances with equipment
- Extruded bar stock construction provides superior threads over sand cast and provides twice the tensile strength
- Uniform design across all sizes for aesthetic and robust appeal
- Made in the USA
- Male to Female union has nonremovable nipple to ensure tight seal with union and pipe/equipment
- Lighter weight puts less stress on the conduit support system

Materials

- Copper-free Aluminum
 - » (less than 1/10 of 1%)
- Steel
 - » Zinc electro plated

FITTINGS

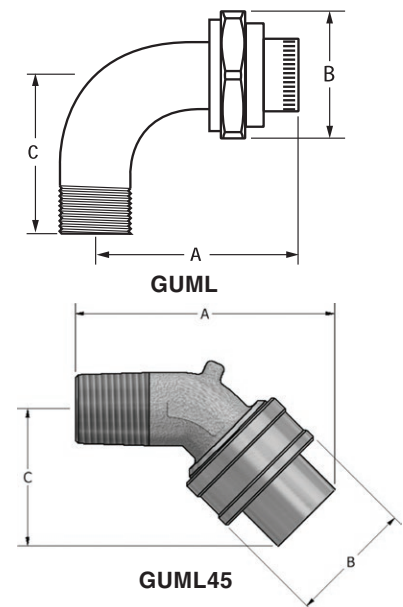
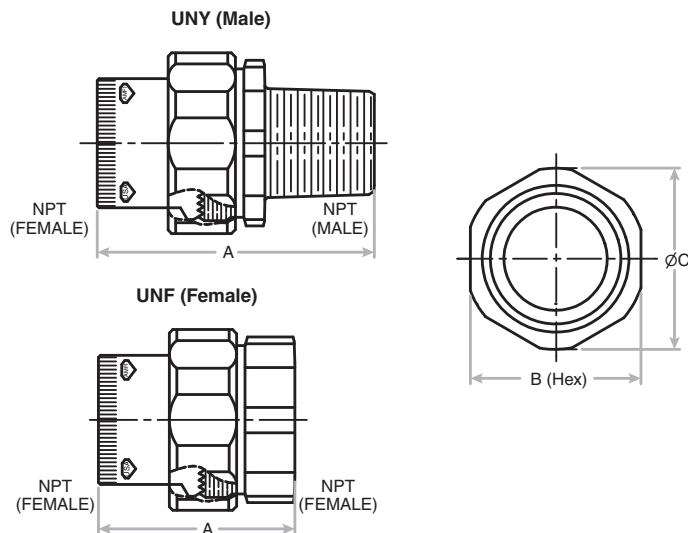
UNF/UNY UNIONS



FEMALE TO FEMALE									
CATALOG NUMBER	HUB SIZE	DIMENSIONS			CATALOG NUMBER	HUB SIZE	DIMENSIONS		
ALUMINUM		A LENGTH	B (HEX)	C DIAMETER	STEEL		A LENGTH	B (HEX)	C DIAMETER
UNF50AL	1/2"	1-9/16" (39.7)	1-5/16" (33.3)	1-3/8" (34.9)	UNF50	1/2"	1-9/16" (39.7)	1-5/16" (33.3)	1-3/8" (34.9)
UNF75AL	3/4"	1-9/16" (39.7)	1-7/16" (36.5)	1-1/2" (38.1)	UNF75	3/4"	1-9/16" (39.7)	1-7/16" (36.5)	1-1/2" (38.1)
UNF100AL	1"	1-13/16" (45.9)	1-11/16" (42.9)	1-3/4" (44.5)	UNF100	1"	1-13/16" (45.9)	1-11/16" (42.9)	1-3/4" (44.5)
UNF125AL	1-1/4"	1-15/16" (49.3)	2-1/16" (52.4)	2-3/16" (55.6)	UNF125	1-1/4"	1-15/16" (49.3)	2-1/16" (52.4)	2-3/16" (55.6)
UNF150AL	1-1/2"	1-15/16" (49.3)	2-5/16" (58.7)	2-3/8" (60.3)	UNF150	1-1/2"	1-15/16" (49.3)	2-5/16" (58.7)	2-3/8" (60.3)
UNF200AL	2"	1-15/16" (49.3)	2-13/16" (71.4)	2-7/8" (73)	UNF200	2"	1-15/16" (49.3)	2-13/16" (71.4)	2-7/8" (73)
UNF250AL	2-1/2"	2-13/16" (71.4)	3-15/16" (100)	4" (101.6)	UNF250	2-1/2"	2-13/16" (71.4)	3-1/4" (82.55)	3-3/8" (85.7)
UNF300AL	3"	2-13/16" (71.4)	4-7/16" (112.7)	4-9/16" (115.9)	UNF300	3"	2-13/16" (71.4)	3-15/16" (100)	4" (101.6)
UNF350AL	3-1/2"	3" (76.2)	4-15/16" (125.4)	5-1/16" (128.6)	UNF350	3-1/2"	3" (76.2)	4-7/16" (112.7)	4-9/16" (115.9)
UNF400AL	4"	3" (76.2)	4-15/16" (125.4)	5-1/8" (130.2)	UNF400	4"	3" (76.2)	4-15/16" (125.4)	5-1/16" (128.6)
MALE TO FEMALE									
UNY50AL	1/2"	2-1/16" (52.4)	1-5/16" (33.3)	1-3/8" (34.9)	UNY50	1/2"	2-1/16" (52.4)	1-5/16" (33.3)	1-3/8" (34.9)
UNY75AL	3/4"	2-1/8" (54)	1-7/16" (36.5)	1-1/2" (38.1)	UNY75	3/4"	2-1/8" (54)	1-7/16" (36.5)	1-1/2" (38.1)
UNY100AL	1"	2-7/16" (61.9)	1-11/16" (42.9)	1-3/4" (44.5)	UNY100	1"	2-7/16" (61.9)	1-11/16" (42.9)	1-3/4" (44.5)
UNY125AL	1-1/4"	2-9/16" (65.1)	2-1/16" (52.4)	2-3/16" (55.6)	UNY125	1-1/4"	2-9/16" (65.1)	2-1/16" (52.4)	2-3/16" (55.6)
UNY150AL	1-1/2"	2-3/4" (69.9)	2-5/16" (58.7)	2-3/8" (60.3)	UNY150	1-1/2"	2-3/4" (69.9)	2-5/16" (58.7)	2-3/8" (60.3)
UNY200AL	2"	2-7/8" (73)	2-13/16" (71.4)	2-7/8" (73)	UNY200	2"	2-7/8" (73)	2-13/16" (71.4)	2-7/8" (73)
UNY250AL	2-1/2"	4-1/16" (103.2)	3-15/16" (100)	4" (101.6)	UNY250	2-1/2"	4-1/16" (103.2)	3-1/4" (82.55)	3-3/8" (85.7)
UNY300AL	3"	4-1/16" (103.2)	4-7/16" (112.7)	4-9/16" (115.9)	UNY300	3"	4-1/16" (103.2)	3-15/16" (100)	4" (108)
UNY350AL	3-1/2"	4-1/4" (108)	4-15/16" (125.4)	5-1/16" (128.6)	UNY350	3-1/2"	4-1/4" (108)	4-7/16" (112.7)	4-9/16" (115.9)
UNY400AL	4"	4-1/4" (108)	4-15/16" (125.4)	5-1/8" (130.2)	UNY400	4"	4-1/4" (108)	4-15/16" (125.4)	5-1/16" (128.6)

90° AND 45° ANGLE UNIONS									
CAT. NO.	HUB SIZE	DIMENSIONS			CAT. NO.	HUB SIZE	DIMENSIONS		
KILLARK ALUM.		A DIA.	B LENGTH	C	STEEL/IRON		A DIA.	B LENGTH	C
GUML-1	1/2"	2-1/2" (64)	1-7/16" (37)	1-3/4" (44)	GUML-1M	1/2"	2-1/4" (32)	1-1/2" (38)	1-5/8" (42)
GUML-2	3/4"	2" (51)	1-5/8" (42)	1-5/8" (42)	GUML-2M	3/4"	2-1/4" (32)	1-3/4" (44)	2" (51)
GUML451	1/2"	3" (76)	1-7/16" (37)	1-9/16" (40)					
GUML452	3/4"	3-3/16" (81)	1-5/8" (41)	1-3/4" (45)					

DIMENSIONS





FITTINGS GU/UN SERIES

UNIONS - ATEX/IEC EX CERTIFIED



GUF-2

GUF-8



GUM-2



GUML-2



UNF2



UNY4



UNY2



GUML-2M

Female to Female

Male to Female

90° Elbow Union

ATEX / IEC Ex Certified

File nos. CML 16ATEX 1325X

IECEX QPS16.0012X

Ex II 2GD

Ex db IIC Gb

Ex tb IIIC Db IP65

UL LISTED E 10514

Certified LR11716

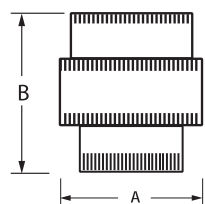


FEMALE TO FEMALE - QUAD LISTED							
CAT. NO.	HUB SIZE	DIMENSIONS		CAT. NO.	HUB SIZE	DIMENSIONS	
KILLARK ALUM.		A DIAMETER	B LENGTH	STEEL/IRON		A DIAMETER	B LENGTH
GUF-1-EX	1/2"	1-7/16"(37)	1-7/8"(48)	UNF1-EX	1/2"	1-1/2"(37)	1-55/64"(47)
GUF-2-EX	3/4"	1-5/8"(41)	1-15/16"(49)	UNF2-EX	3/4"	1-3/4"(45)	1-59/64"(49)
GUF-3-EX	1"	2"(51)	2-29/64"(62)	UNF3-EX	1"	2"(51)	2-7/16"(62)
GUF-4-EX	1-1/4"	2-3/8"(60)	2-1/2"(63)	UNF4-EX	1-1/4"	2-27/32"(72)	2-1/4"(57)
GUF-5-EX	1-1/2"	2-5/8"(67)	2-1/2"(63)	UNF5-EX	1-1/2"	3-3/32"(79)	2-7/16"(62)
GUF-6-EX	2"	3-1/4"(82)	2-5/8"(67)	UNF6-EX	2"	3-3/4"(95)	2-5/8"(67)
GUF-7-EX	2-1/2"	4-1/2"(114)	3"(76)	UNF7-EX	2-1/2"	4-1/2"(114)	3"(76)
GUF-8-EX	3"	5-3/8"(136)	3-1/16"(78)	UNF8-EX	3"	5-3/8"(136)	3-1/16"(78)
GUF-9-EX	3-1/2"	6-1/4"(159)	3-9/16"(90)	UNF9-EX	3-1/2"	6-1/4"(159)	3-9/16"(90)
GUF-0-EX	4"	6-1/4"(159)	3-9/16"(90)	UNF0-EX	4"	6-1/4"(159)	3-9/16"(90)

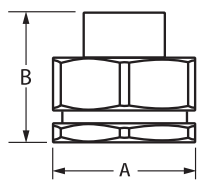
MALE TO FEMALE - QUAD LISTED							
CAT. NO.	HUB SIZE	DIMENSIONS		CAT. NO.	HUB SIZE	DIMENSIONS	
KILLARK ALUM.		A DIAMETER	B LENGTH	STEEL/IRON		A DIAMETER	B LENGTH
GUM-1-EX	1/2"	1-7/16"(37)	2-1/2"(64)	UNY1-EX	1/2"	1-1/2"(37)	2-9/16"(65)
GUM-2-EX	3/4"	1-5/8"(41)	2-9/16"(65)	UNY2-EX	3/4"	1-3/4"(45)	2-5/8"(67)
GUM-3-EX	1"	2"(51)	3-3/64"(77)	UNY3-EX	1"	2-1/32"(52)	3-5/64"(78)
GUM-4-EX	1-1/4"	2-3/8"(60)	3-1/4"(83)	UNY4-EX	1-1/4"	2-15/16"(75)	3-1/4"(83)
GUM-5-EX	1-1/2"	2-5/8"(67)	3-1/4"(83)	UNY5-EX	1-1/2"	3-3/16"(81)	3-1/2"(89)
GUM-6-EX	2"	3-1/4"(82)	3-5/8"(92)	UNY6-EX	2"	3-3/4"(95)	4"(102)
GUM-7-EX	2-1/2"	4-1/2"(114)	4-15/16"(125)	UNY7-EX	2-1/2"	4-1/2"(114)	4-15/16"(125)
GUM-8-EX	3"	5-3/8"(136)	5-7/32"(133)	UNY8-EX	3"	5-3/8"(133)	5-7/32"(133)
GUM-9-EX	3-1/2"	6-1/4"(159)	5-13/16"(148)	UNY9-EX	3-1/2"	6-1/4"(159)	5-13/16"(148)
GUM-0-EX	4"	6-1/4"(159)	5-13/16"(148)	UNY0-EX	4"	6-1/4"(159)	5-13/16"(148)

90° ANGLE UNION - QUAD LISTED									
CAT. NO.	HUB SIZE	DIMENSIONS			CAT. NO.	HUB SIZE	DIMENSIONS		
KILLARK ALUM.		A DIA.	B LENGTH	C	STEEL/IRON		A DIA.	B LENGTH	C
GUML-1-EX	1/2"	2-1/2" (64)	1-7/16" (37)	1-3/4" (44)	GUML-1M-EX	1/2"	2-1/4" (32)	1-1/2" (38)	1-5/8" (42)
GUML-2-EX	3/4"	2" (51)	1-5/8" (42)	1-5/8" (42)	GUML-2M-EX	3/4"	2-1/4" (32)	1-3/4" (44)	2" (51)

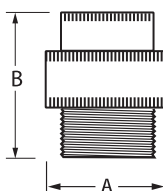
DIMENSIONS



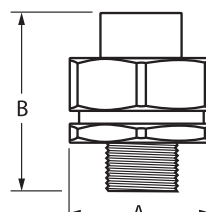
GUF



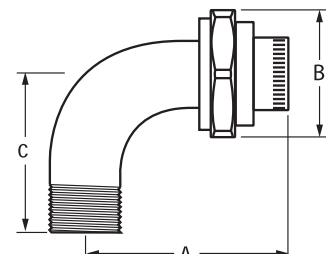
UNF



GUM



UNY



GUML



EXPANSION CONDUIT UNIONS



UNFS Type Female/Female



UNFL Type Female/Female



UNYS Type Male/Female



UNYL Type Male/Female

Class I, Div. 1 & 2, Groups C,D
Class I, Zone 1, Groups IIB, IIA
Class II, Div. 1 & 2, Groups E,F,G
Class III

UL Standards 886 and 1203
CSA Standard C22.2 No. 30
Mil Spec: MIL-F28675

UL LISTED E 10514

SF LR11716

FEATURES-SPECIFICATIONS

UNFS & UNYS – Standard Length

UNFL & UNYL – Long Length

Features

- Tapered threaded hubs (NPT) for rigid conduit and IMC
- Telescoping components allows conduit to be inserted between fixed threaded hubs
- Internal zinc plated carbon steel spring with dichromate dip assures positive grounding
- Close tolerance of mating parts eliminates passage of flame
- Compact diameter allows use where conduit is closely spaced
- Available in standard and long style, male and female version

Materials

- **BODY/SLEEVE** – Steel/Zinc Electroplate
- **GROUNDING SPRING** – Zinc plated carbon steel spring/Natural Finish



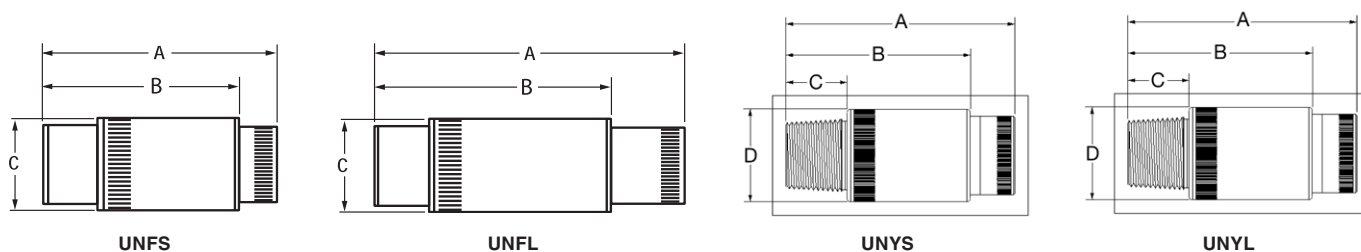
FITTINGS

UNF/UNY SERIES

EXPANSION CONDUIT UNIONS

FEMALE – SHORT					
CATALOG NUMBER	HUB SIZE	DIMENSIONS			
		MAXIMUM LENGTH "A"	MAXIMUM LENGTH "B"	DIAMETER "C"	MALE THREAD LENGTH "D"
UNFS1	1/2"	3.34" (85)	2.84" (72)	1.19" (30)	—
UNFS2	3/4"	3.53" (90)	2.97" (75)	1.44" (37)	—
UNFS3	1"	3.69" (94)	3.08" (78)	1.69" (43)	—
FEMALE – LONG					
CATALOG NUMBER	HUB SIZE	DIMENSIONS			
		MAXIMUM LENGTH "A"	MAXIMUM LENGTH "B"	DIAMETER "C"	MALE THREAD LENGTH "D"
UNFL1	1/2"	4.34" (110)	3.34" (85)	1.19" (30)	—
UNFL2	3/4"	4.53" (115)	3.47" (88)	1.44" (37)	—
UNFL3	1"	4.69" (119)	3.58" (91)	1.69" (43)	—
MALE – SHORT					
CATALOG NUMBER	HUB SIZE	DIMENSIONS			
		MAXIMUM LENGTH "A"	MAXIMUM LENGTH "B"	DIAMETER "C"	MALE THREAD LENGTH "D"
UNYS1	1/2"	3.48" (88)	2.97" (75)	1.19" (30)	.875" (22)
UNYS2	3/4"	3.60" (91)	3.03" (77)	1.44" (37)	.875" (22)
UNYS3	1"	3.93" (100)	3.15" (80)	1.69" (43)	1.100" (28)
MALE – LONG					
CATALOG NUMBER	HUB SIZE	DIMENSIONS			
		MAXIMUM LENGTH "A"	MAXIMUM LENGTH "B"	DIAMETER "C"	MALE THREAD LENGTH "D"
UNYL1	1/2"	4.48" (114)	3.48" (88)	1.19" (30)	.875" (22)
UNYL2	3/4"	4.60" (117)	3.53" (90)	1.44" (37)	.875" (22)
UNYL3	1"	4.75" (121)	3.65" (93)	1.69" (43)	1.100" (28)

DIMENSIONS





THREADED INSERT PLUGS



NON-ATEX and IEC Ex certified
 Class I, Groups A, B, C, D
 Class I, Zone 1, Groups IIC, IIB, IA
 Class II, Groups E, F, G
 Class III
 UL Standards 886 and 1203
 CSA Standard: C22.2 No. 30



ATEX / IEC Ex Certified

File nos. SIRA 13ATEX1196U Issue: 1

Ex II 2 G D
 Ex d IIC Gb
 Ex e IIC Gb
 Ex tb IIIC Db
 Ta = -50°C to +60°C

File nos. IECEx SIR 13.0073U Issue: 1

Ex d IIC Gb
 EX e IIC Gb
 EX tb IIIC Db
 Ta = -50°C to +60°C

UL LISTED E 10514

SP Certified LR11716

FEATURES-SPECIFICATIONS

Features

- Threaded hubs (NPT)
- Square head and recessed head available (square head only in AL)

Materials

RECESSED STYLE

COPPER-FREE ALUMINUM – 3/8" - 4"
 (less than 4/10 of 1%)

- Natural Finish

STEEL – 1/2" - 1"

- Zinc Plated

IRON – 1-1/4" - 4"

- Zinc Plated

SQUARE HEAD STYLE

COPPER-FREE ALUMINUM – 1/4" - 4"
 (less than 4/10 of 1%)

- Natural Finish



FITTINGS

CUP/PLUG SERIES

THREADED INSERT PLUGS RECESSED STYLE



Recessed Plug
Cup - 375 to 6
Plug 375 to 3



Recessed Plug
Cup - 7 to 8
Plug 7 to 10



Recessed Plug
Plug 4 to 6



Recessed Plug
Plug - 9 to 0

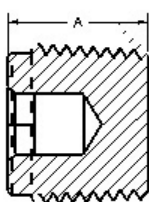
RECESSED PLUG - KILLARK ALUMINUM

CATALOG NUMBER	HUB SIZE	THREAD SPECIFICATION	PLUG LENGTH A	RECESS DRIVE SIZE
CUP-375	3/8"	3/8"- 18 NPT	37/64" (14.7)	1/4" Allen key
CUP-1	1/2"	1/2"- 14 NPT	19/32" (15.1)	3/8" Allen key
CUP-2	3/4"	3/4"- 14 NPT	19/32" (15.1)	3/8" Allen key
CUP-3	1"	1"- 11-1/2 NPT	5/8" (15.9)	3/8" Allen key
CUP-4	1-1/4"	1-1/4"- 11-1/2 NPT	1" (25.4)	1/2" Allen key
CUP-5	1-1/2"	1-1/2"- 11-1/2 NPT	1" (25.4)	1/2" Allen key
CUP-6	2"	2"- 11-1/2 NPT	1" (25.4)	1/2" Allen key
CUP-7	2-1/2"	2-1/2"- 8 NPT	1-5/32" (29.4)	1/4" Slot
CUP-8	3"	3"- 8 NPT	1-5/32" (29.4)	1/4" Slot
CUP-9	3-1/2"	3-1/2"- 8 NPT	1-5/16" (33.3)	Pry Tabs
CUP-0	4"	4"- 8 NPT	1-5/16" (33.3)	Pry Tabs

RECESSED PLUG - STEEL/IRON

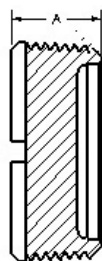
CATALOG NUMBER	HUB SIZE	THREAD SPECIFICATION	PLUG LENGTH A	RECESS DRIVE SIZE
PLUG375	3/8"	3/8"- 18 NPT	37/64" (14.7)	1/4" Allen key
PLUG1	1/2"	1/2"- 14 NPT	19/32" (15.1)	1/4" Allen key
PLUG2	3/4"	3/4"- 14 NPT	19/32" (15.1)	5/16" Allen key
PLUG3	1"	1"- 11-1/2 NPT	5/8" (15.9)	3/8" Allen key
PLUG4	1-1/4"	1-1/4"- 11-1/2 NPT	1" (25.4)	3/4" Square
PLUG5	1-1/2"	1-1/2"- 11-1/2 NPT	1" (25.4)	3/4" Square
PLUG6	2"	2"- 11-1/2 NPT	1" (25.4)	3/4" Square
PLUG7	2-1/2"	2-1/2"- 8 NPT	1-5/32" (29.4)	1/4" Slot
PLUG8	3"	3"- 8 NPT	1-5/32" (29.4)	1/4" Slot
PLUG9	3-1/2"	3-1/2"- 8 NPT	1-5/16" (33.3)	1/4" Slot
PLUG10	4"	4"- 8 NPT	1-5/16" (33.3)	1/4" Slot

Recessed Plug



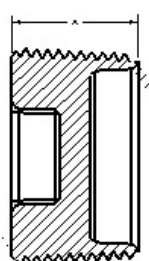
CUP-375 to 6
PLUG 375 to 3

Recessed Plug



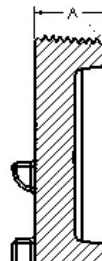
CUP-7 to 8
PLUG 7 to 10

Recessed Plug



PLUG 4 to 6

Recessed Plug



CUP-9 to 0



THREADED INSERT PLUGS RECESSED STYLE - ATEX/IEC EX CERTIFIED



**Recessed Plug
Cup - 375 to 6
Plug 375 to 3**



**Recessed Plug
Cup - 7 to 8
Plug 7 to 10**



**Recessed Plug
Plug 4 to 6**

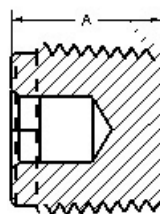
RECESSED PLUG - KILLARK ALUMINUM

CATALOG NUMBER	HUB SIZE	THREAD SPECIFICATION	PLUG LENGTH A	RECESS DRIVE SIZE
CUP-1-EX	1/2"	1/2"- 14 NPT	19/32" (15.1)	3/8" Allen key
CUP-2-EX	3/4"	3/4"- 14 NPT	19/32" (15.1)	3/8" Allen key
CUP-3-EX	1"	1"- 11-1/2 NPT	5/8" (15.9)	3/8" Allen key
CUP-4-EX	1-1/4"	1-1/4"- 11-1/2 NPT	1" (25.4)	1/2" Allen key
CUP-5-EX	1-1/2"	1-1/2"- 11-1/2 NPT	1" (25.4)	1/2" Allen key
CUP-6-EX	2"	2"- 11-1/2 NPT	1" (25.4)	1/2" Allen key
CUP-7-EX	2-1/2"	2-1/2"- 8 NPT	1-5/32" (29.4)	1/4" Slot
CUP-8-EX	3"	3"- 8 NPT	1-5/32" (29.4)	1/4" Slot

RECESSED PLUG - STEEL/IRON

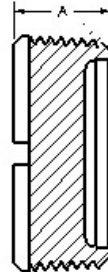
CATALOG NUMBER	HUB SIZE	THREAD SPECIFICATION	PLUG LENGTH A	RECESS DRIVE SIZE
PLUG1-EX	1/2"	1/2"- 14 NPT	19/32" (15.1)	1/4" Allen key
PLUG2-EX	3/4"	3/4"- 14 NPT	19/32" (15.1)	5/16" Allen key
PLUG3-EX	1"	1"- 11-1/2 NPT	5/8" (15.9)	3/8" Allen key
PLUG4-EX	1-1/4"	1-1/4"- 11-1/2 NPT	1" (25.4)	3/4" Square
PLUG5-EX	1-1/2"	1-1/2"- 11-1/2 NPT	1" (25.4)	3/4" Square
PLUG6-EX	2"	2"- 11-1/2 NPT	1" (25.4)	3/4" Square
PLUG7-EX	2-1/2"	2-1/2"- 8 NPT	1-5/32" (29.4)	1/4" Slot
PLUG8-EX	3"	3"- 8 NPT	1-5/32" (29.4)	1/4" Slot
PLUG9-EX	3-1/2"	3-1/2"- 8 NPT	1-5/16" (33.3)	1/4" Slot
PLUG10-EX	4"	4"- 8 NPT	1-5/16" (33.3)	1/4" Slot

Recessed Plug



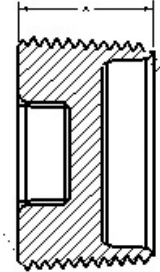
**CUP-375 to 6
PLUG 375 to 3**

Recessed Plug



**CUP-7 to 8
PLUG 7 to 10**

Recessed Plug



PLUG 4 to 6



FITTINGS

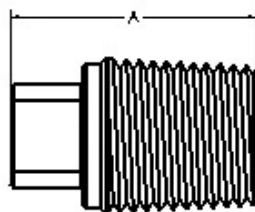
CUP/PLUG SERIES

THREADED INSERT PLUGS SQUARE HEAD STYLE



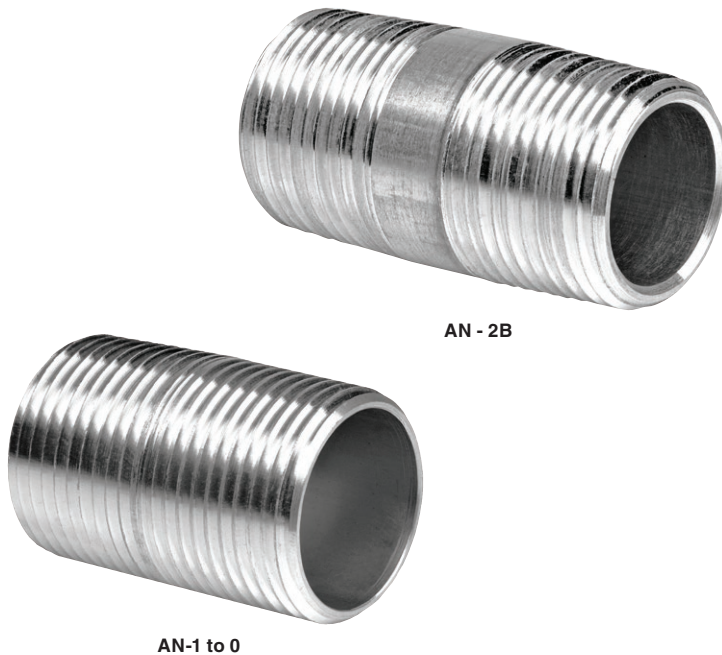
Square Head Plug
Cup-250 to 0

SQUARE HEAD PLUG (EXTERNAL HEAD) - KILLARK ALUMINUM				
CATALOG NUMBER	HUB SIZE	THREAD SPECIFICATION	PLUG LENGTH A	HEAD SIZE
CUPX-250	1/4"	1/4"- 18 NPT	51/64" (20.2)	3/8" (9.5)
CUPX-1	1/2"	1/2"- 14 NPT	1/64" (25.8)	1/2" (12.7)
CUPX-2	3/4"	3/4"- 14 NPT	1-5/32" (29.4)	5/8" (15.9)
CUPX-3	1"	1"- 11-1/2 NPT	21/64" (33.7)	13/16" (20.6)
CUPX-4	1-1/4"	1-1/4"- 11-1/2 NPT	1-3/8" (34.9)	15/16" (23.8)
CUPX-5	1-1/2"	1-1/2"- 11-1/2 NPT	1-13/16" (46.0)	1-1/8" (28.6)
CUPX-6	2"	2"- 11-1/2 NPT	1-49/64" (44.8)	1-5/16" (33.3)
CUPX-7	2-1/2"	2-1/2"- 8 NPT	1-27/32" (46.8)	1-5/8" (41.3)
CUPX-8	3"	3"- 8 NPT	1-27/32" (46.8)	2" (50.8)
CUPX-9	3-1/2"	3-1/2"- 8 NPT	2" (50.8)	2-1/2" (63.5)
CUPX-0	4"	4"- 8 NPT	2" (50.8)	2-1/2" (63.5)





RIGID CONDUIT NIPPLES



NON-ATEX and IEC Ex certified

Suitable for use in hazardous location applications when installed according to NEC Articles 501.10 (Class I, Div. I & 2 Groups A,B,C,D), NEC 502.10 (Class II, Div. I & 2, Groups EFG) and NEC 503.10 (Class III).

UL Standards 886 and 1203

 File No. E 311892



ATEX / IEC Ex Certified

SIRA 13ATEX1196U

Ex II 2 G D

Ex d IIC Gb

Ex e IIC Gb

Ex tb IIIC Db

Ta = -50°C to +60°C

IECEx SIR 13.0073U

Ex d IIC Gb

EX e IIC Gb

EX tb IIIC Db

Ta = -50°C to +60°C

Suitable for use in hazardous location applications when installed according to NEC Articles 501.10 (Class I, Div. I & 2 Groups A,B,C,D), NEC 502.10 (Class II, Div. I & 2, Groups EFG) and NEC 503.10 (Class III).

UL Standard 1203

 File No. E 348606 (steel)

 File No. E 311892 (aluminum)

FEATURES-SPECIFICATIONS

Features

- Tapered threads (NPT) meet latest UL 1203 requirements

Materials

Copper-free Aluminum
(less than 4/10 of 1%)

Steel – 1/2" - 6"

- Zinc Plated



FITTINGS AN SERIES

RIGID CONDUIT NIPPLES

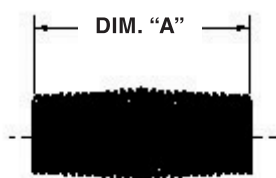
RIGID CONDUIT NIPPLES - ALUMINUM				
CATALOG NUMBER	CONDUIT SIZE	THREAD SPECIFICATION	BODY LENGTH DIMENSION A	FIG.#
AN-1	1/2"	1/2"- 14 NPT	1-9/16" (39.7)	1
AN-2	3/4"	3/4"- 14 NPT	1-37/64" (40.1)	1
AN-3	1"	1"- 11-1/2 NPT	1-31/32" (50.0)	1
AN-4	1-1/4"	1"- 11-1/2 NPT	2-1/64" (51.2)	1
AN-5	1-1/2"	1"- 11-1/2 NPT	2-1/16" (52.4)	1
AN-6	2"	1"- 11-1/2 NPT	2-1/8" (54.0)	1
AN-7	2-1/2"	2-1/2"- 8 NPT	3-9/64" (79.8)	1
AN-8	3"	3"- 8 NPT	3-1/4" (82.6)	1
AN-9	3-1/2"	3-1/2"- 8 NPT	3-23/64" (85.3)	1
AN-10	4"	4"- 8 NPT	3-15/32" (88.1)	1
AN-11	5"	5"- 8 NPT	3-1/2" (88.9)	1
AN-12	6"	6"- 8 NPT	3-1/2" (88.9)	1
AN-1B	1/2"	1/2"- 14 NPT	2" (50.8)	2
AN-2B	3/4"	3/4"- 14 NPT	2" (50.8)	2

RIGID CONDUIT NIPPLES - STEEL				
CATALOG NUMBER	CONDUIT SIZE	THREAD SPECIFICATION	BODY LENGTH DIMENSION A	FIG.#
AN-1S	1/2"	1/2"- 14 NPT	1-9/16" (39.7)	1
AN-2S	3/4"	3/4"- 14 NPT	1-37/64" (40.1)	1
AN-3S	1"	1"- 11-1/2 NPT	1-31/32" (50.0)	1
AN-4S	1-1/4"	1"- 11-1/2 NPT	2-1/64" (51.2)	1
AN-5S	1-1/2"	1"- 11-1/2 NPT	2-1/16" (52.4)	1
AN-6S	2"	1"- 11-1/2 NPT	2-1/8" (54.0)	1
AN-7S	2-1/2"	2-1/2"- 8 NPT	3-9/64" (79.8)	1
AN-8S	3"	3"- 8 NPT	3-1/4" (82.6)	1
AN-9S	3-1/2"	3-1/2"- 8 NPT	3-23/64" (85.3)	1
AN-10S	4"	4"- 8 NPT	3-15/32" (88.1)	1
AN-11S	5"	5"- 8 NPT	3-1/2" (88.9)	1
AN-12S	6"	6"- 8 NPT	3-1/2" (88.9)	1
AN-1BS	1/2"	1/2"- 14 NPT	2" (50.8)	2
AN-2BS	3/4"	3/4"- 14 NPT	2" (50.8)	2

RIGID CONDUIT NIPPLES - ALUMINUM - QUAD LISTED				
CATALOG NUMBER	CONDUIT SIZE	THREAD SPECIFICATION	BODY LENGTH DIMENSION A	FIG.#
AN-1-EX	1/2"	1/2"- 14 NPT	1-9/16" (39.7)	1
AN-2-EX	3/4"	3/4"- 14 NPT	1-37/64" (40.1)	1
AN-3-EX	1"	1"- 11-1/2 NPT	1-31/32" (50.0)	1
AN-4-EX	1-1/4"	1"- 11-1/2 NPT	2-1/64" (51.2)	1
AN-5-EX	1-1/2"	1"- 11-1/2 NPT	2-1/16" (52.4)	1
AN-6-EX	2"	1"- 11-1/2 NPT	2-1/8" (54.0)	1
AN-7-EX	2-1/2"	2-1/2"- 8 NPT	3-9/64" (79.8)	1
AN-8-EX	3"	3"- 8 NPT	3-1/4" (82.6)	1
AN-9-EX	3-1/2"	3-1/2"- 8 NPT	3-23/64" (85.3)	1
AN-10-EX	4"	4"- 8 NPT	3-15/32" (88.1)	1
AN-1B-EX	1/2"	1/2"- 14 NPT	2" (50.8)	2
AN-2B-EX	3/4"	3/4"- 14 NPT	2" (50.8)	2

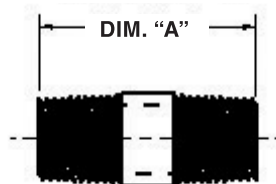
RIGID CONDUIT NIPPLES - STEEL - QUAD LISTED				
CATALOG NUMBER	CONDUIT SIZE	THREAD SPECIFICATION	BODY LENGTH DIMENSION A	FIG.#
AN-1S-EX	1/2"	1/2"- 14 NPT	1-9/16" (39.7)	1
AN-2S-EX	3/4"	3/4"- 14 NPT	1-37/64" (40.1)	1
AN-3S-EX	1"	1"- 11-1/2 NPT	1-31/32" (50.0)	1
AN-4S-EX	1-1/4"	1"- 11-1/2 NPT	2-1/64" (51.2)	1
AN-5S-EX	1-1/2"	1"- 11-1/2 NPT	2-1/16" (52.4)	1
AN-6S-EX	2"	1"- 11-1/2 NPT	2-1/8" (54.0)	1
AN-7S-EX	2-1/2"	2-1/2"- 8 NPT	3-9/64" (79.8)	1
AN-8S-EX	3"	3"- 8 NPT	3-1/4" (82.6)	1
AN-9S-EX	3-1/2"	3-1/2"- 8 NPT	3-23/64" (85.3)	1
AN-10S-EX	4"	4"- 8 NPT	3-15/32" (88.1)	1
AN-1BS-EX	1/2"	1/2"- 14 NPT	2" (50.8)	2
AN-2BS-EX	3/4"	3/4"- 14 NPT	2" (50.8)	2

FIGURE 1

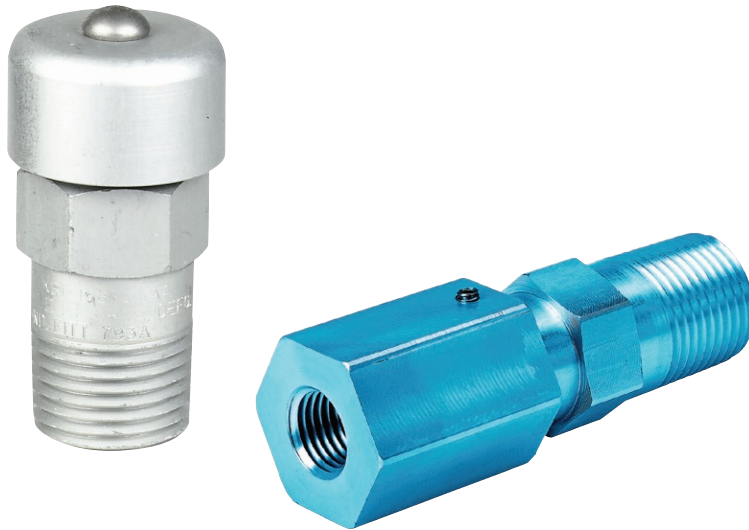


AN-1 to 0

FIGURE 2



AN-2B



KB/KD SERIES DRAIN & BREATHERS

NON-ATEX and IEC Ex certified

Class I, Div. 1 & 2, Groups B[Ⓢ], C, D
Class I, Zones 1 & 2, Groups IIB + H2[Ⓢ]

Class II, Div. 1 & 2, Groups E, F, G
Class III, Type 3

II 2G Ex db IIB+H2[Ⓢ] T226C Gb IP44
Ta = -50°C to +60°C



LISTED - File E10514



Certified - File LR11716



Certified File 25215



IEC Ex CSA 10.0007U



SIRA 10ATEX1351U

KB SERIES FLAME ARRESTOR

ATEX/IEC Ex Certified

Class I, Div. 1 & 2, Groups B[Ⓢ], C, D
Class I, Zones 1 & 2, Groups IIB + H2[Ⓢ]

Class II, Div. 1 & 2, Groups E, F, G
Class III, Type 3, 4[Ⓢ]



II 2G Ex db IIB+H2 T4A Gb tb IIIC Db IP66

Ta = -50°C to +60°C



Certified - File LR11716



IEC Ex CSA 10.0007U



SIRA 10ATEX1351U

[Ⓢ] See chart on next page for suitability

FEATURES-SPECIFICATIONS

The KB flame arrestor provides a means to connect gas analysis equipment and electro pneumatic devices' piping or tubing through the wall of an explosion proof or flame proof enclosure with volume up to 160 liters

KB/KD SERIES DRAIN & BREATHERS

Body Material

- Aluminum with optional stainless steel or brass available for special orders.

Volume

- For use in enclosures with a maximum internal volume to 9526 cubic inches or 160 liters.

KB SERIES FLAME ARRESTOR

BODY MATERIAL

- 6061-T6 series aluminum provided as standard. Optional stainless steel or brass for special orders.

Specifications

- Air flow = 83 + 15 / -25 SCFH at 5PSI
- Pressure drop = 1.3 PSI at 100 PSI
- Maximum flow pressure = 800 PSI
- Volume = For use in enclosures with a maximum internal volume of 9526 cubic inches or 160 liters.



FITTINGS

KDB/KB SERIES

DRAINS / BREATHERS / FLAME ARRESTORS



KDB-1

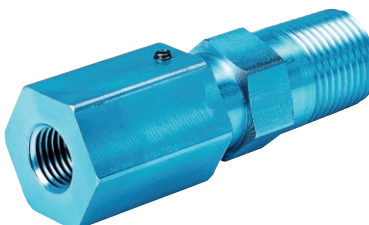
KB1B

KB1D

KB/KD SERIES DRAIN & BREATHERS

CATALOG NUMBER	THREAD SIZE	BODY MATERIAL	THIRD PARTY	SUITABILITY USA	THIRD PARTY	SUITABILITY CANADA	THIRD PARTY	SUITABILITY ATEX/IEC Ex
KB1B BREATHER	1/2 NPT	ALUMINUM	UL, FM & CSAus	CLASS I GROUPS B, C & D	c CSA	CLASS I GROUPS C & D		
KB1D DRAIN	1/2 NPT	ALUMINUM	UL, FM & CSAus	CLASS I, ZONES 1 & 2 GR IIB+H ₂	c CSA	CLASS I, ZONES 1 & 2 GR IIB		
KB1BCEN BREATHER	1/2 NPT	ALUMINUM	CSAus	CLASS II GROUPS E, F, & G	c CSA	CLASS II GROUPS E, F & G	SIRA/CSA	II 2 G Ex d IIC
KB1DCEN DRAIN	1/2 NPT	ALUMINUM	CSAus	CLASS III ENCL TYPE 3	c CSA	CLASS III ENCL TYPE 3	SIRA/CSA	T226C Gb IP44
KBM20BCEN BREATHER	M20	ALUMINUM	CSAus		c CSA		SIRA/CSA	
KBM20DCEN DRAIN	M20	ALUMINUM	CSAus		c CSA		SIRA/CSA	
KDB-1 DRAIN / BREATHER	1/2 NPT	STAINLESS STEEL	UL, FM & CSAus	CLASS I GROUPS C & D	c CSA	CLASS I GROUPS C & D		
KDB-250 DRAIN / BREATHER	1/4 NPT	ALUMINUM	CSAus	CLASS I, ZONES 1 & 2 GR IIB	c CSA	CLASS I, ZONES 1 & 2 GR IIB		
KDB-375 DRAIN / BREATHER	3/8 NPT	ALUMINUM	CSAus	CLASS II GROUPS E, F & G	c CSA	CLASS II GROUPS E, F & G	SIRA/CSA	II 2 G Ex d IIB
KDB-250CEN DRAIN / BREATHER	1/4 NPT	ALUMINUM	CSAus	CLASS III ENCL TYPE 3	c CSA	CLASS III ENCL TYPE 3	SIRA/CSA	T3 Gb IP44
KDB-375CEN DRAIN / BREATHER	3/8 NPT	ALUMINUM	CSAus		c CSA		SIRA/CSA	
KDB-M16CEN DRAIN / BREATHER	M16	ALUMINUM	CSAus		c CSA		SIRA/CSA	

© Warning – not for use in acetylene atmosphere

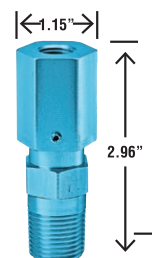
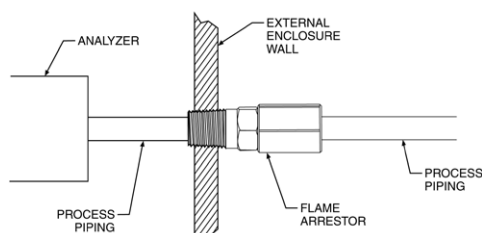


KB SERIES FLAME ARRESTOR

CATALOG NUMBER	EXTERNAL HUB THREAD SIZE	INTERNAL & EXTERNAL PROCESS PIPING THREAD SIZE	THIRD PARTY	SUITABILITY USA	THIRD PARTY	SUITABILITY CANADA	THIRD PARTY	SUITABILITY ATEX/IEC Ex
KB1FA25	1/2 NPT	1/4 NPT	CSAus	CLASS I GROUPS B, C & D	c CSA	CLASS I GROUPS C & D	SIRA/CSA	II 2 G Ex d IIC
KB1FA25SS6	1/2 NPT	1/4 NPT	CSAus	CLASS I, ZONES 1 & 2 GR IIB+H ₂	c CSA	CLASS I, ZONES 1 & 2 GR IIB		T3 Gb IP66
				CLASS II GROUPS E, F, & G		CLASS II GROUPS E, F & G		
				CLASS III TYPE 3 & 4		CLASS III TYPE 3 & 4		
KB1FAM16	1/2 NPT	M16	CSAus	CLASS I GROUPS B, C & D	c CSA	CLASS I GROUPS C & D	SIRA/CSA	II 2 G Ex d IIC
KBM20FA25	M20	1/4" NPT	CSAus	CLASS I, ZONES 1 & 2 GR IIB+H ₂	c CSA	CLASS I, ZONES 1 & 2 GR IIB	SIRA/CSA	T3 Gb IP65
KBM20FA25SS6	M20	1/4" NPT	CSAus	CLASS II GROUPS E, F & G	c CSA	CLASS II GROUPS E, F & G	SIRA/CSA	
KBM20FAM16	M20	M16		CLASS III TYPE 3	c CSA	CLASS III TYPE 3		
KBM20FAM16SS6	M20	M16						

© Warning – not for use in acetylene atmosphere

TYPICAL INSTALLATION





KB DRAINS / BREATHERS



DRAINS / BREATHERS

When installed in the top or side wall of the enclosure it acts as a breather. When installed in the bottom of the enclosure the fitting allows moisture to drain out of the enclosure.

Features

Made of 6061 Aluminium or 316 stainless steel with internal nickel plated brass sinter flame arrestor.

Volume

For use in enclosures with a maximum internal volume to 9526 cubic inches (160 liters). See note for additional restriction.



KB1-4X



KB1B



KB1D



KBQA

CAT. NO.	TYPE	BODY MATERIAL	THREAD SIZE	USA	USA SUITABILITY	ENVIRO- MENTAL	CANADA	CANADA SUITABILITY	ENVIRO- MENTAL	IEC Ex / ATEX	IEC Ex ATEX SUITABILITY	ENVIRO- MENTAL									
KB1B	Drain	Aluminum	1/2" NPT	UL, FM, CSAus	Class I Groups BCD Class I Zone 1 & 2 IIB+H2 Class II Groups EFG Class III Service Temperature -25°C to +40°C (KBQA see note for Group B Applications)	Type 3	CSA	Class I Groups CD Class I Zone 1 & 2 IIB Class II Groups EFG Class III Service Temperature -50°C to +40°C (KBQA = -50°C to +60°C. See note for Group B Applications)	Type 3	N/A	N/A	N/A									
KB1D	Drain																				
KB1BCEN	Breather																				
KB1DCEN	Drain																				
KB1DSS6CEN	Drain	316 SS	M20	CSAus								CSA / SIRA	Ex db IIB+H2 Gb Ex db IIB Gb Ex tb IIIC Db Ambient Temperature -50°C to +60°C (KBQA = -60°C to +200°C. See note for IIB+H2 limitation)	IP44							
KBM20BCEN	Breather	Aluminum																			
KBM20DCEN	Drain																				
KBM20BSS6CEN	Breather	316 SS																			
KBM20DSS6CEN	Drain																				
KBQAAL0050*	Drain / Breather	Aluminum	1/2" NPT	CSAus											Type 3, 4 & 4X			IP66			
KBQAS60050*		316 SS																			
KB1-4X	Drain / Breather	Aluminum	1/2" NPT	UL, CSAus															N/A	N/A	N/A
KB1-4XS6		316 SS																			

*The KBQA is for use in Class I Group B and Ex db IIB+H2 areas for enclosures with maximum volumes of 1709 in³ (28 liters). In larger enclosures the KBQA is suitable for Class I Group C and Ex db IIB areas.



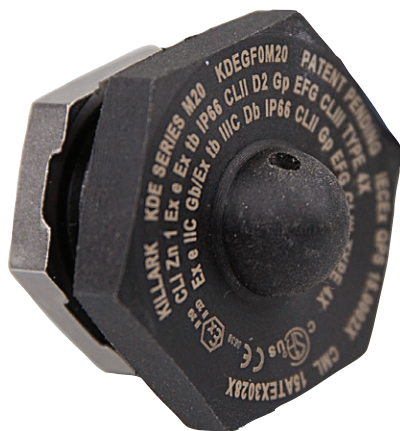
FITTINGS

KDE SERIES

KDE SERIES DRAIN BREATHER



KDES60M20



KDEGF0M20



Class I, Div. 2, Groups A, B, C, D
Class I, Zone 1 & 2, Ex e / AEx e IIC,
A/Ex tb
Class II, Div. 1 ① & 2, Groups E, F, G
Class III, Ambient Temperature Range
-55°C to +80°C
Enclosure Type 3, 4 & 4X IP66

2714851

Ex II 2 G D CE 0518

Ex e IIC Gb

Ex tb IIIC Db IP66

Ta = -55°C to +80°C



IEEx 15.0154X

CML 15ATEX3028X

IECEX QPS 15.0002X

① Class II Div. 1 Canada only, Div. 2 in the U.S.

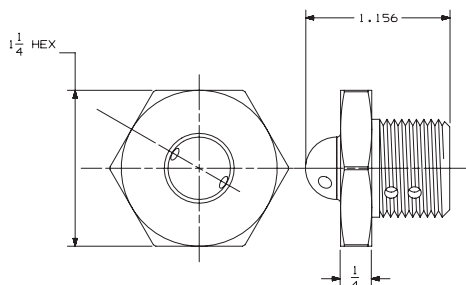
FEATURES-SPECIFICATIONS

Features

- Silicone o-ring supplied as standard and suitable for use in a -55°C to +80°C temperature range.
- Variety of thread sizes ½ & ¾ NPT, ½ & ¾ NPSM, M20 & M25.
- Available in 316 stainless steel, aluminum and 30% glass filled nylon.
- Internal 316 stainless steel locknut supplied as standard. When tightened to the proper torque the joint makes a hose down tight seal for type 4, 4X & IP66 application.

Materials

- 316 stainless steel, brass, aluminum or 30% glass filled nylon.
- Internal locknut 316 stainless steel.
- High temp silicone o-ring



KDE pairs well with
USF/SJIC Enclosures

MATERIAL / CATALOG NUMBER					
ENTRY THREAD SIZE & TYPE	GLASS FILLED PA6 NYLON	ALUMINUM	316 STAINLESS STEEL	BRASS	NICKEL PLATED BRASS
M20	KDEGF0M20	KDEAL0M20	KDES60M20	KDEBR0M20	KDEBR1M20
M25	KDEGF0M25	KDEAL0M25	KDES60M25	KDEBR0M25	KDEBR1M25
1/2" NPT	KDEGF0050	KDEAL0050	KDES60050	KDEBR0050	KDEBR1050
3/4" NPT	KDEGF0075	KDEAL0075	KDES60075	KDEBR0075	KDEBR1075

Note: Other thread forms and materials available upon request.



KBQA SERIES DRAIN BREATHER



Class I, Div. 1 and 2, Groups B, C, D
Class I, Div. 1 and 2, Groups B*, C, D
Class I, Zone 1, AEx d IIB+H2 Gb
Class II, Div. 1 and 2, Groups E, F, G
Zone 22, AEx tb IIIC Db, IP66
Class III
Ambient Temperature Range -50°C to +60°C
Enclosure Type 3,4 4X and IP66
File LR11716



II 2 G D
Ex db IIB+H2 Gb
Ex tb IIIC Db IP66
Service Temperature Range -50°C to +60°C
SIRA 10ATEX1351U
IECEX CSA 10.0007U

** Enclosures having a maximum volume of 28L*

FEATURES-SPECIFICATIONS

A drain fitting provides the valuable means to prevent the water produced from condensation from building up inside of an enclosure. When installed in the bottom of an enclosure the KBQA allows water to drain continuously out of the enclosure. The KBQA when installed in the top or sides of the enclosure acts as a breather allowing air to flow in. The air flow prevents a vacuum from forming inside the enclosure which can impede the flow of the built up water through the drain.

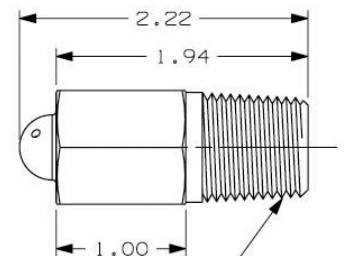
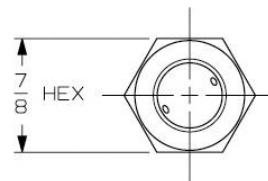
Features

- Supplied standard with a 1/2" NPT thread.

Materials

- The external body is offered in two materials, 6061-T6 aluminum and 316 stainless steel for the Type 4X rating.
- The internal sintered arrester is nickel plated brass.

CATALOG NUMBER	MATERIAL
KBQAAL0050	6061-T6 Aluminum
KBQAS60050	316 Stainless Steel



1/2-14 NPT
THREAD SPEC.
PER ANSI B1.20.1



FITTINGS

R/RE/ADUP SERIES

REDUCING BUSHINGS AND ADAPTERS



RE/R Series



ADUP

NON-ATEX and IEC Ex certified

Class I, Div. 1 & 2, Groups A,B,C,D
Class I, Zone 1, Groups IIC, IIB, IIA
Class II, Div. 1 & 2, Groups E,F,G

UL Standard: 1203

CSA Standard: C22.2 No. 30



ATEX/IEC Ex Certified

File nos. SIRA 13ATEX1196U Issue: 1

Ex II 2 G D

Ex d IIC Gb

Ex e IIC Gb

Ex tb IIIC Db

Ta = -50°C to +60°C

File nos. IECEx SIR 13.0073U Issue: 1

Ex d IIC Gb

EX e IIC Gb

EX tb IIIC Db

Ta = -50°C to +60°C



FEATURES-SPECIFICATIONS

Features

Reducer Features

- Tapered threads (NPT)
- Smooth internal bushing protects conductors
- Threaded for Rigid Conduit or IMC

ADUP Features

- Tapered threads (NPT)
- Enlarged drilled and tapped hole openings by an NPT size

Materials

Copper-free Aluminum

(less than 1/10 of 1%)
(R-10 through R-109)

- Natural Finish

Steel/Zinc Plated

(RE20S through RE109S)

ADUP

Copper-free Aluminum

(less than 1/10 of 1%)

- Natural Finish



REDUCING BUSHINGS AND ADAPTERS



R-31



R-65

REDUCING BUSHINGS

CATALOG NUMBER		HUB SIZE	DIMENSIONS BODY LENGTH
KILLARK ALUM.	STEEL		
R-10	—	1/2" — 3/8"	3/4"(19)
R-20	RE20S	3/4" — 3/8"	11/16"(18)
R-21	RE21S	3/4" — 1/2"	13/16"(21)
R-30	RE30S	1" — 3/8"	11/16"(18)
R-31	RE31S	1" — 1/2"	13/16"(21)
R-32	RE32S	1" — 3/4"	13/16"(21)
R-41	RE41S	1-1/4" — 1/2"	13/16"(21)
R-42	RE42S	1-1/4" — 3/4"	13/16"(21)
R-43	RE43S	1-1/4" — 1"	1"(25)
R-51	RE51S	1-1/2" — 1/2"	13/16"(21)
R-52	RE52S	1-1/2" — 3/4"	13/16"(21)
R-53	RE53S	1-1/2" — 1"	1"(25)
R-54	RE54S	1-1/2" — 1-1/4"	1-1/64"(28)
R-61	RE61S	2" — 1/2"	13/16"(21)
R-62	RE62S	2" — 3/4"	13/16"(21)
R-63	RE63S	2" — 1"	1"(25)
R-64	RE64S	2" — 1-1/4"	1/64"(28)
R-65	RE65S	2" — 1-1/2"	1/32"(31)
R-73	RE73S	2-1/2" — 1"	1"(25)
R-74	RE74S	2-1/2" — 1-1/4"	1" (25)
R-75	RE75S	2-1/2" — 1-1/2"	1"(25)
R-76	RE76S	2-1/2" — 2"	1"(25)
R-84	RE84S	3" — 1-1/4"	1" (25)
R-85	RE85S	3" — 1-1/2"	1-1/4"(32)
R-86	RE86S	3" — 2"	1-1/4"(32)
R-87	RE87S	3" — 2-1/2"	1-1/4"(32)
R-96	RE96S	3-1/2" — 2"	1-3/8"(35)
R-97	RE97S	3-1/2" — 2-1/2"	1-3/8"(35)
R-98	RE98S	3-1/2" — 3"	1-3/8"(35)
R-106	RE106S	4" — 2"	1-1/2"(38)
R-107	RE107S	4" — 2-1/2"	1-1/2"(38)
R-108	RE108S	4" — 3"	1-1/2"(38)
R-109	RE109S	4" — 3-1/2"	1-1/2"(38)

REDUCING BUSHINGS - QUAD LISTED

CATALOG NUMBER		HUB SIZE	DIMENSIONS BODY LENGTH
KILLARK ALUM.	STEEL		
R-10-EX	—	1/2" — 3/8"	3/4"(19)
R-20-EX	—	3/4" — 3/8"	11/16"(18)
R-21-EX	RE21S-EX	3/4" — 1/2"	13/16"(21)
R-30-EX	—	1" — 3/8"	11/16"(18)
R-31-EX	RE31S-EX	1" — 1/2"	13/16"(21)
R-32-EX	RE32S-EX	1" — 3/4"	13/16"(21)
R-41-EX	RE41S-EX	1-1/4" — 1/2"	13/16"(21)
R-42-EX	RE42S-EX	1-1/4" — 3/4"	13/16"(21)
R-43-EX	RE43S-EX	1-1/4" — 1"	1"(25)
R-51-EX	RE51S-EX	1-1/2" — 1/2"	13/16"(21)
R-52-EX	RE52S-EX	1-1/2" — 3/4"	13/16"(21)
R-53-EX	RE53S-EX	1-1/2" — 1"	1"(25)
R-54-EX	RE54S-EX	1-1/2" — 1-1/4"	1-1/64"(28)
R-61-EX	RE61S-EX	2" — 1/2"	13/16"(21)
R-62-EX	RE62S-EX	2" — 3/4"	13/16"(21)
R-63-EX	RE63S-EX	2" — 1"	1"(25)
R-64-EX	RE64S-EX	2" — 1-1/4"	1/64"(28)
R-65-EX	RE65S-EX	2" — 1-1/2"	1/32"(31)
R-73-EX	—	2-1/2" — 1"	1"(25)
R-74-EX	—	—	—
R-75-EX	—	2-1/2" — 1-1/2"	1"(25)
R-76-EX	—	2-1/2" — 2"	1"(25)
R-84-EX	—	—	—
R-85-EX	—	3" — 1-1/2"	1-1/4"(32)
R-86-EX	—	3" — 2"	1-1/4"(32)
R-87-EX	—	3" — 2-1/2"	1-1/4"(32)
R-96-EX	—	3-1/2" — 2-1/2"	1-3/8"(35)
R-97-EX	—	3-1/2" — 2-1/2"	1-3/8"(35)
R-98-EX	—	3-1/2" — 3"	1-3/8"(35)
R-106-EX	—	4" — 2"	1-1/2"(38)
R-107-EX	—	4" — 2-1/2"	1-1/2"(38)
R-108-EX	—	4" — 3"	1-1/2"(38)
R-109-EX	—	4" — 3-1/2"	1-1/2"(38)

ADUP ADAPTERS

CATALOG NUMBER	DESCRIPTION	
ADUP-01	Male 3/8"	Female 1/2"
ADUP-12	Male 1/2"	Female 3/4"
ADUP-23	Male 3/4"	Female 1"



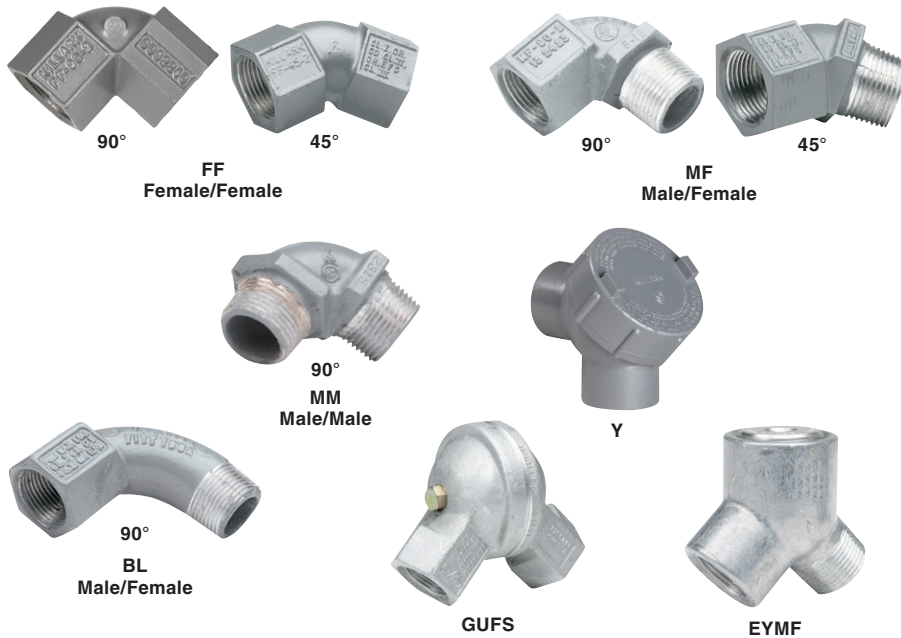
ADUP-12



FITTINGS

FF/MF/MM/BL/GUFS/Y/EYMF SERIES

ELBOWS



Class I, Div. 1 & 2, Groups C, D
Class II, Div. 1 & 2, Groups E, F, G
Class III



ATEX / IEC Ex Certified

File nos. CML 16ATEX 1325X

IECEx QPS16.0012X

Ex II 2GD

Ex db IIC Gb or Ex db IIB Gb

Ex tb IIIC Db IP65/IP66



LISTED - File E10514



Certified - File LR11716

FEATURES-SPECIFICATIONS

Features

- Threaded for rigid conduit or IMC
- Smooth integral bushings to prevent damage to wires

Materials

Copper-free Aluminum

(less than 1/10 of 1%)

- Electrostatically applied powder coating

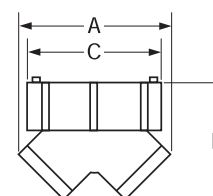
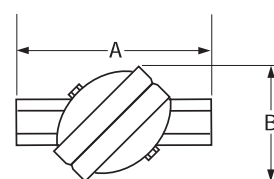
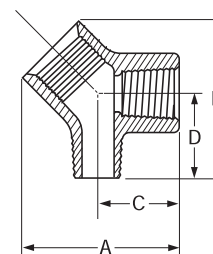
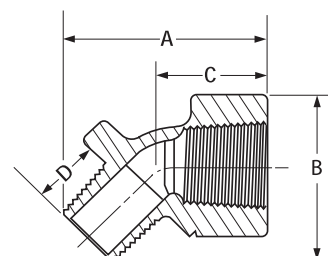
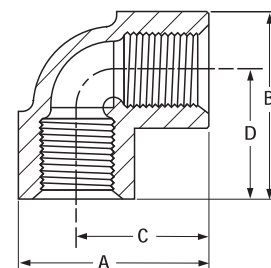
Iron Zinc electro-plate

FF/MF/MM/BL/GUFS/Y/EYMF SERIES



ELBOWS

ELBOWS							
CATALOG NUMBER		HUB SIZE	TYPE	A	B	C	D
ALUMINUM	IRON						
FF-90-1①	FF-90-1M③	1/2"	FF 90°	2"	2"	1-3/8"	1-3/8"
FF-90-2①	FF-90-2M③	3/4"	FF 90°	2-1/4"	2-1/4"	1-1/2"	1-1/2"
FF-90-3①	FF-90-3M③	1"	FF 90°	2-15/16"	2-15/16"	2"	2"
FF-45-1①	FF-45-1M③	1/2"	FF 45°	2-3/8"	2"	1-1/8"	—
FF-45-2①	FF-45-2M③	3/4"	FF 45°	2-11/16"	2-3/16"	1-1/4"	—
FF-45-3①	FF-45-3M③	1"	FF 45°	3-3/8"	2-11/16"	1-5/8"	—
FF-45-6①	FF-45-6M③	2"	FF 45°	4-3/4"	3-7/8"	2-1/4"	—
FF-45-8①	FF-45-8M③	3"	FF 45°	5-1/4"	5-17/64"	2-17/64"	—
MF-90-1①	MF-90-1M③	1/2"	MF 90°	2-7/32"	2"	1-3/8"	1-1/16"
MF-90-2①	MF-90-2M③	3/4"	MF 90°	2-1/2"	2-1/4"	1-1/2"	1-1/16"
MF-45-1①	MF-45-1M③	1/2"	MF 45°	2-35/64"	1-55/64"	1-1/8"	1-1/16"
MF-45-2①	MF-45-2M③	3/4"	MF 45°	2-3/4"	2"	1-9/32"	1-1/16"
MM-90-1①	MM-90-1M③	1/2"	MM 90°	2-15/32"	2-15/32"	1-49/64"	1-1/16"
MM-90-2①	MM-90-2M③	3/4"	MM 90°	2-5/8"	2-5/8"	1-57/64"	1-1/16"
BL-90-1①	BL-90-1M③	1/2"	BL 90°	2-1/4"	2-3/8"	1-7/8"	1-3/4"
BL-90-2①	BL-90-2M③	3/4"	BL 90°	2-5/8"	3"	2-1/8"	2-1/4"
BL-90-3①	BL-90-3M③	1"	BL 90°	2-1/4"	3-7/16"	2-5/8"	2-1/2"



CAPPED ELBOWS							
CATALOG NUMBER		HUB SIZE	TYPE	A	B	C	D
ALUMINUM	IRON						
Y-1①	Y-1M④	1/2"	90°	2-7/8"	2-3/4"	1-7/8"	—
Y-2①	Y-2M④	3/4"	90°	3-1/16"	3-3/4"	2-1/8"	—
Y-3①	Y-3M④	1"	90°	4"	3-1/4"	2-5/8"	—
Y-4①	Y-4M④	1-1/4"	90°	5-1/16"	4-1/8"	3-7/8"	—
Y-5①	Y-5M④	1-1/2"	90°	5-1/16"	4-1/4"	3-7/8"	—

SWIVEL ELBOWS							
CATALOG NUMBER		HUB SIZE	TYPE	A	B	C	D
ALUMINUM	IRON						
GUFS-1②	GUFS-1M③	1/2"	180°	4-1/2"	2-1/4"	—	—
GUFS-2②	GUFS-2M③	3/4"	180°	4-1/2"	2-1/4"	—	—
GUMFS-1②	GUMFS-1M③	1/2"	180°	5-1/8"	2-1/4"	—	—
GUMFS-2②	GUMFS-2M③	3/4"	180°	5-1/4"	2-1/4"	—	—

90° PLUGGED ELBOWS							
CATALOG NUMBER		HUB SIZE	TYPE	A	B	C	D
ALUMINUM	IRON						
EYMF-1⑤	—	1/2"	90°	2-5/8"	2-5/8"	1-3/8"	1-3/8"
EYMF-2⑤	—	3/4"	90°	2-3/4"	2-3/4"	1-1/2"	1-1/2"

① Copper-free aluminum - Electrostatically applied powder coating

② Aluminum - Natural finish

③ Iron - Zinc electroplate

④ Iron - Duraloy finish

⑤ Furnished with 1" close-up plug in top.

For ATEX and IEC Ex certified Elbows, see following page.



FITTINGS

FF/MF/MM/BL/GUFS/Y/EYMF SERIES

ELBOWS – ATEX/IEC Ex CERTIFIED

ELBOWS - QUAD LISTED

CATALOG NUMBER		HUB SIZE	TYPE	A	B	C	D
ALUMINUM	IRON						
FF-90-1-EX①	FF-90-1M-EX③	1/2"	FF 90°	2"	2"	1-3/8"	1-3/8"
FF-90-2-EX①	FF-90-2M-EX③	3/4"	FF 90°	2-1/4"	2-1/4"	1-1/2"	1-1/2"
FF-90-3-EX①	FF-90-3M-EX③	1"	FF 90°	2-15/16"	2-15/16"	2"	2"
FF-45-1-EX①	FF-45-1M-EX③	1/2"	FF 45°	2-3/8"	2"	1-1/8"	—
FF-45-2-EX①	FF-45-2M-EX③	3/4"	FF 45°	2-11/16"	2-3/16"	1-1/4"	—
FF-45-3-EX①	FF-45-3M-EX③	1"	FF 45°	3-3/8"	2-11/16"	1-5/8"	—
FF-45-6-EX①	FF-45-6M-EX③	2"	FF 45°	4-3/4"	3-7/8"	2-1/4"	—
FF-45-8-EX①	FF-45-8M-EX③	3"	FF 45°	5-1/4"	5-17/64"	2-17/64"	—
MF-90-1-EX①	MF-90-1M-EX③	1/2"	MF 90°	2-7/32"	2"	1-3/8"	1-1/16"
MF-90-2-EX①	MF-90-2M-EX③	3/4"	MF 90°	2-1/2"	2-1/4"	1-1/2"	1-1/16"
MF-45-1-EX①	MF-45-1M-EX③	1/2"	MF 45°	2-35/64"	1-55/64"	1-1/8"	1-1/16"
MF-45-2-EX①	MF-45-2M-EX③	3/4"	MF 45°	2-3/4"	2"	1-9/32"	1-1/16"
MM-90-1-EX①	MM-90-1M-EX③	1/2"	MM 90°	2-15/32"	2-15/32"	1-49/64"	1-1/16"
MM-90-2-EX①	MM-90-2M-EX③	3/4"	MM 90°	2-5/8"	2-5/8"	1-57/64"	1-1/16"
BL-90-1-EX①	BL-90-1M-EX③	1/2"	BL 90°	2-1/4"	2-3/8"	1-7/8"	1-3/4"
BL-90-2-EX①	BL-90-2M-EX③	3/4"	BL 90°	2-5/8"	3"	2-1/8"	2-1/4"
BL-90-3-EX①	BL-90-3M-EX③	1"	BL 90°	2-1/4"	3-7/16"	2-5/8"	2-1/2"

CAPPED ELBOWS

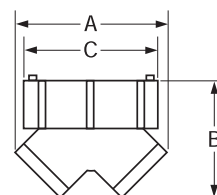
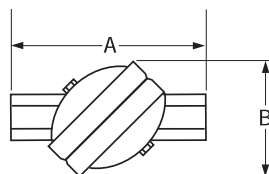
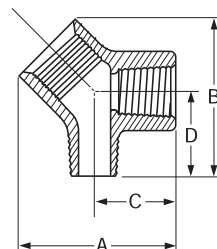
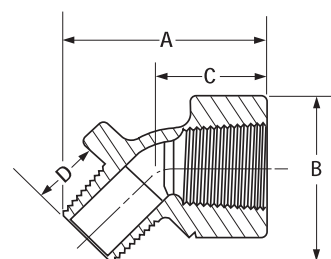
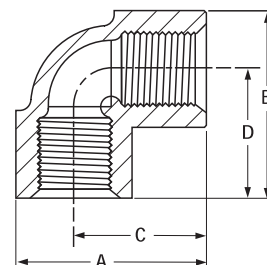
CATALOG NUMBER		HUB SIZE	TYPE	A	B	C	D
ALUMINUM	IRON						
Y-1-EX①	Y-1M-EX④	1/2"	90°	2-7/8"	2-3/4"	1-7/8"	—
Y-2-EX①	Y-2M-EX④	3/4"	90°	3-1/16"	3-3/4"	2-1/8"	—
Y-3-EX①	Y-3M-EX④	1"	90°	4"	3-1/4"	2-5/8"	—
Y-4-EX①	Y-4M-EX④	1-1/4"	90°	5-1/16"	4-1/8"	3-7/8"	—
Y-5-EX①	Y-5M-EX④	1-1/2"	90°	5-1/16"	4-1/4"	3-7/8"	—

SWIVEL ELBOWS

CATALOG NUMBER		HUB SIZE	TYPE	A	B	C	D
ALUMINUM	IRON						
GUFS-1-EX①	GUFS-1M-EX④	1/2"	180°	4-1/2"	2-1/4"	—	—
GUFS-2-EX①	GUFS-2M-EX④	3/4"	180°	4-1/2"	2-1/4"	—	—
GUMFS-1-EX①	GUMFS-1M-EX④	1/2"	180°	5-1/8"	2-1/4"	—	—
GUMFS-2-EX①	GUMFS-2M-EX④	3/4"	180°	5-1/4"	2-1/4"	—	—

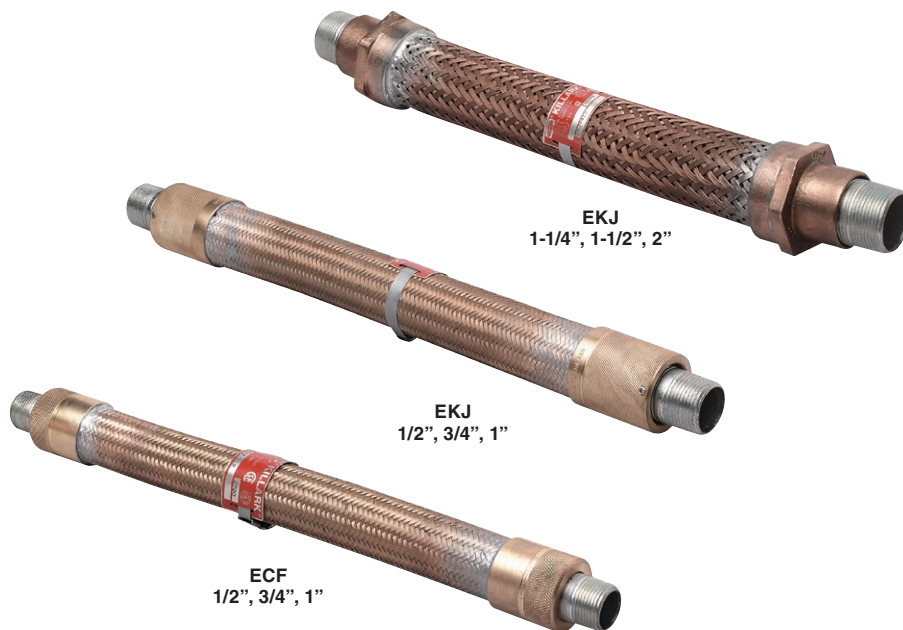
90° PLUGGED ELBOWS

CATALOG NUMBER		HUB SIZE	TYPE	A	B	C	D
ALUMINUM	IRON						
EYMF-1-EX②	—	1/2"	90°	2-5/8"	2-5/8"	1-3/8"	1-3/8"
EYMF-2-EX②	—	3/4"	90°	2-3/4"	2-3/4"	1-1/2"	1-1/2"





BRONZE FLEXIBLE COUPLINGS



Class I, Div. 1 & 2, Groups A,B,C,D^①
Class I, Zone 1, Groups IIC, IIB, IIA
Class II, Div. 1 & 2, Groups E,F,G
Class III
Raintight

 Certified - File LR11716

^① ECF & EKJ 1/2" and 3/4" couplings suitable for Class I, Groups A, B, C, D Class I, Zone 1, Groups IIC, IIB, IIA EKJ 1" thru 2" and ECF 1" couplings suitable for Class I, Groups C, D. Class I, Zone 1, Groups IIB, IIA All ECF and EKJ are suitable for Class II and III.

FEATURES-SPECIFICATIONS

Features

- Bronze flexible metal construction
- An inner insulating silicone tubing to protect conductors
- Female ends with removable zinc plated steel nipples standard on all couplings
- Union type couplings may be assembled by adding a GUF and UNF Series union to the nipple
- Special lengths available-consult factory
- All 1/2", 3/4" & 1" EKJ couplings are furnished with a setscrew (for use as a fixture hanging coupling)



FITTINGS

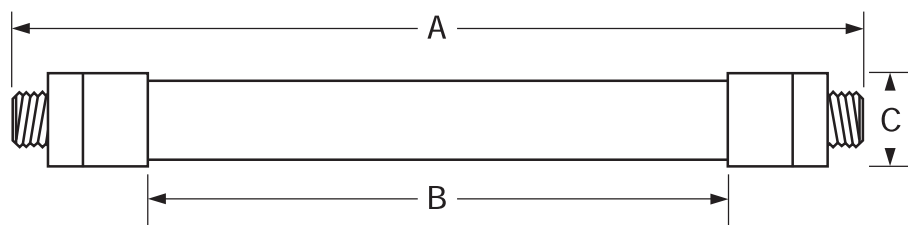
ECF/EKJ SERIES

BRONZE FLEXIBLE COUPLINGS

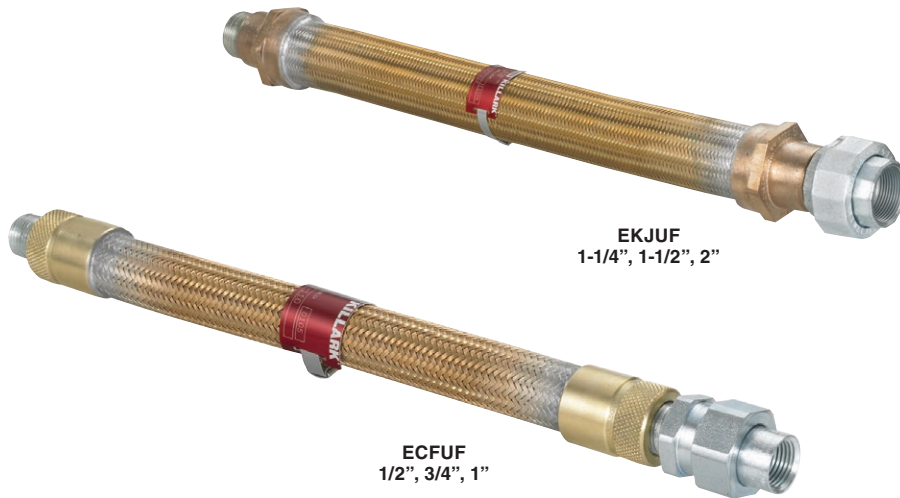
ECF/EKJ FLEXIBLE COUPLINGS					
CATALOG NUMBER		DESCRIPTION			
ECF SERIES	EKJ SERIES	CONDUIT SIZE	A OVERALL LENGTH	B FLEX. LENGTH	C DIA.
ECF-14	EKJ-14	1/2"	8-13/16"	4"	1-5/16"
ECF-16	EKJ-16	1/2"	10-13/16"	6"	1-5/16"
ECF-18	EKJ-18	1/2"	12-13/16"	8"	1-5/16"
ECF-110	EKJ-110	1/2"	14-13/16"	10"	1-5/16"
ECF-112	EKJ-112	1/2"	16-13/16"	12"	1-5/16"
ECF-115	EKJ-115	1/2"	19-13/16"	15"	1-5/16"
ECF-118	EKJ-118	1/2"	22-13/16"	18"	1-5/16"
ECF-121	—	1/2"	25-13/16"	21"	1-5/16"
ECF-124	—	1/2"	28-13/16"	24"	1-5/16"
ECF-130	—	1/2"	34-13/16"	30"	1-5/16"
ECF-136	—	1/2"	40-13/16"	36"	1-5/16"
ECF-24	EKJ-24	3/4"	8-3/4"	4"	1-5/8"
ECF-26	EKJ-26	3/4"	10-3/4"	6"	1-5/8"
ECF-28	EKJ-28	3/4"	12-3/4"	8"	1-5/8"
ECF-210	EKJ-210	3/4"	14-3/4"	10"	1-5/8"
ECF-212	EKJ-212	3/4"	16-3/4"	12"	1-5/8"
ECF-215	EKJ-215	3/4"	19-3/4"	15"	1-5/8"
ECF-218	EKJ-218	3/4"	22-3/4"	18"	1-5/8"
ECF-221	—	3/4"	25-3/4"	21"	1-5/8"
ECF-224	—	3/4"	28-3/4"	24"	1-5/8"
ECF-230	—	3/4"	34-3/4"	30"	1-5/8"
ECF-236	—	3/4"	40-3/4"	36"	1-5/8"
ECF-36	EKJ-36	1"	11-3/4"	6"	1-15/16"
ECF-38	EKJ-38	1"	13-3/4"	8"	1-15/16"
ECF-310	EKJ-310	1"	15-3/4"	10"	1-15/16"
ECF-312	EKJ-312	1"	17-3/4"	12"	1-15/16"
ECF-315	EKJ-315	1"	20-3/4"	15"	1-15/16"
ECF-318	EKJ-318	1"	23-3/4"	18"	1-15/16"
ECF-321	EKJ-321	1"	26-3/4"	21"	1-15/16"
ECF-324	EKJ-324	1"	29-3/4"	24"	1-15/16"
ECF-330	EKJ-330	1"	35-3/4"	30"	1-15/16"
ECF-336	EKJ-336	1"	41-3/4"	36"	1-15/16"

ECF/EKJ FLEXIBLE COUPLINGS				
CAT. NO.	DESCRIPTION			
EKJ SERIES	CONDUIT SIZE	A OVERALL LENGTH	B FLEX. LENGTH	C DIA.
EKJ-412	1-1/4"	18-5/8"	12"	2-15/16"
EKJ-415	1-1/4"	21-5/8"	15"	2-15/16"
EKJ-418	1-1/4"	24-5/8"	18"	2-15/16"
EKJ-421	1-1/4"	27-5/8"	21"	2-15/16"
EKJ-424	1-1/4"	30-5/8"	24"	2-15/16"
EKJ-430	1-1/4"	36-5/8"	30"	2-15/16"
EKJ-436	1-1/4"	42-5/8"	36"	2-15/16"
EKJ-512	1-1/2"	18-15/16"	12"	3-21/32"
EKJ-515	1-1/2"	21-15/16"	15"	3-21/32"
EKJ-518	1-1/2"	24-15/16"	18"	3-21/32"
EKJ-521	1-1/2"	27-15/16"	21"	3-21/32"
EKJ-524	1-1/2"	30-15/16"	24"	3-21/32"
EKJ-530	1-1/2"	36-15/16"	30"	3-21/32"
EKJ-536	1-1/2"	42-15/16"	36"	3-21/32"
EKJ-612	2"	19-5/16"	12"	4-9/64"
EKJ-615	2"	22-5/16"	15"	4-9/64"
EKJ-618	2"	25-5/16"	18"	4-9/64"
EKJ-624	2"	31-5/16"	24"	4-9/64"
EKJ-630	2"	37-5/16"	30"	4-9/64"
EKJ-636	2"	43-5/16"	36"	4-9/64"

MINIMUM BEND RADIUS						
SERIES	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
ECF	10"	12"	14"	—	—	—
EKJ	10"	12"	14"	14"	16"	18"



BRONZE FLEXIBLE COUPLINGS WITH FEMALE STEEL UNION



Class I, Div. 1 & 2, Groups A,B,C,D
Class I, Zone 1, Groups IIC, IIB, IIA
Class II, Div. 1 & 2, Groups E,F,G
Class III
Raintight

 Certified - File LR11716

1/2" and 3/4" couplings suitable for:
Class I, Groups A,B,C,D Class I, Zone 1,
Groups IIC, IIB, IIA.
1" couplings suitable for:
Class I, Groups C,D. Class I, Zone 1,
Groups IIB, IIA

FEATURES-SPECIFICATIONS

Features

- Bronze flexible metal construction
- An inner insulating silicone tubing to protect conductors
- Provided with one zinc plated steel nipple and one zinc plated steel female union
- Special lengths available – consult factory

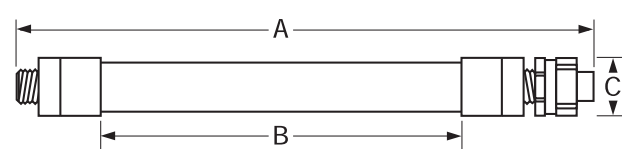


FITTINGS

ECF/EKJ SERIES

BRONZE FLEXIBLE COUPLINGS WITH FEMALE STEEL UNION

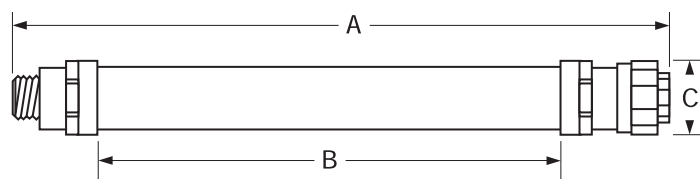
ECF/EKJ FLEXIBLE COUPLINGS				
CAT. NO.	DESCRIPTION			
	CONDUIT SIZE	A OVERALL LENGTH	B FLEX. LENGTH	C DIA.
ECFUF-14	1/2"	10-1/8" (257)	4" (102)	1-1/2" (38)
ECFUF-16	1/2"	12-1/8" (310)	6" (152)	1-1/2" (38)
ECFUF-18	1/2"	14-1/8" (359)	8" (203)	1-1/2" (38)
ECFUF-110	1/2"	16-1/8" (410)	10" (254)	1-1/2" (38)
ECFUF-112	1/2"	18-1/8" (460)	12" (305)	1-1/2" (38)
ECFUF-115	1/2"	21-1/8" (537)	15" (381)	1-1/2" (38)
ECFUF-118	1/2"	24-1/8" (613)	18" (457)	1-1/2" (38)
ECFUF-121	1/2"	27-1/8" (689)	21" (533)	1-1/2" (38)
ECFUF-124	1/2"	30-1/8" (765)	24" (610)	1-1/2" (38)
ECFUF-130	1/2"	36-1/8" (918)	30" (762)	1-1/2" (38)
ECFUF-136	1/2"	42-1/8" (1070)	36" (914)	1-1/2" (38)
ECFUF-24	3/4"	10-1/4" (260)	4" (102)	1-3/4" (44)
ECFUF-26	3/4"	12-1/4" (311)	6" (152)	1-3/4" (44)
ECFUF-28	3/4"	14-1/4" (362)	8" (203)	1-3/4" (44)
ECFUF-210	3/4"	16-1/4" (413)	10" (254)	1-3/4" (44)
ECFUF-212	3/4"	18-1/4" (464)	12" (305)	1-3/4" (44)
ECFUF-215	3/4"	21-1/4" (540)	15" (381)	1-3/4" (44)
ECFUF-218	3/4"	24-1/4" (616)	18" (457)	1-3/4" (44)
ECFUF-221	3/4"	27-1/4" (692)	21" (533)	1-3/4" (44)
ECFUF-224	3/4"	30-1/4" (768)	24" (610)	1-3/4" (44)
ECFUF-230	3/4"	36-1/4" (921)	30" (762)	1-3/4" (44)
ECFUF-236	3/4"	42-1/4" (1073)	36" (914)	1-3/4" (44)
ECFUF-36	1"	13-3/16" (335)	6" (102)	2" (51)
ECFUF-38	1"	15-3/16" (386)	8" (152)	2" (51)
ECFUF-310	1"	17-3/16" (437)	10" (254)	2" (51)
ECFUF-312	1"	19-3/16" (487)	12" (305)	2" (51)
ECFUF-315	1"	22-3/16" (564)	15" (381)	2" (51)
ECFUF-318	1"	25-3/16" (640)	18" (457)	2" (51)
ECFUF-321	1"	28-3/16" (716)	21" (533)	2" (51)
ECFUF-324	1"	31-3/16" (792)	24" (610)	2" (51)
ECFUF-330	1"	37-3/16" (945)	30" (762)	2" (51)
ECFUF-336	1"	43-3/16" (1097)	36" (914)	2" (51)



ECFUF 1/2", 3/4", 1"

ECF/EKJ FLEXIBLE COUPLINGS				
CAT. NO.	DESCRIPTION			
	CONDUIT SIZE	A OVERALL LENGTH	B FLEX. LENGTH	C DIA.
EKJUF-412	1-1/4"	20-1/4" (514)	12" (305)	2-7/8" (73)
EKJUF-415	1-1/4"	21-1/4" (591)	15" (381)	2-7/8" (73)
EKJUF-418	1-1/4"	24-1/4" (667)	18" (457)	2-7/8" (73)
EKJUF-421	1-1/4"	27-1/4" (743)	21" (533)	2-7/8" (73)
EKJUF-424	1-1/4"	30-1/4" (819)	24" (610)	2-7/8" (73)
EKJUF-430	1-1/4"	36-1/4" (972)	30" (762)	2-7/8" (73)
EKJUF-436	1-1/4"	42-1/4" (1124)	36" (914)	2-7/8" (73)
EKJUF-512	1-1/2"	21-15/16" (557)	12" (305)	3-21/32" (93)
EKJUF-515	1-1/2"	24-15/16" (633)	15" (381)	3-21/32" (93)
EKJUF-518	1-1/2"	27-15/16" (710)	18" (457)	3-21/32" (93)
EKJUF-521	1-1/2"	30-15/16" (786)	21" (533)	3-21/32" (93)
EKJUF-524	1-1/2"	33-15/16" (862)	24" (610)	3-21/32" (93)
EKJUF-530	1-1/2"	39-15/16" (1014)	30" (762)	3-21/32" (93)
EKJUF-536	1-1/2"	45-15/16" (1167)	36" (914)	3-21/32" (93)
EKJUF-612	2"	21-9/16" (548)	12" (305)	4-9/64" (105)
EKJUF-615	2"	24-9/16" (624)	15" (381)	4-9/64" (105)
EKJUF-618	2"	27-9/16" (700)	18" (457)	4-9/64" (105)
EKJUF-624	2"	33-9/16" (852)	24" (610)	4-9/64" (105)
EKJUF-630	2"	39-9/16" (1005)	30" (762)	4-9/64" (105)
EKJUF-636	2"	45-9/16" (1157)	36" (914)	4-9/64" (105)

MINIMUM BEND RADIUS						
SERIES	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
ECF	10"	12"	14"	—	—	—
EKJ	10"	12"	14"	14"	16"	18"



EKJUF 1-1/4", 1-1/2", 2"



STAINLESS STEEL FLEXIBLE COUPLINGS



EKL
2-1/2"-4"

Class I, Div. 1 & 2, Groups D
Class I, Zone 1, Group IIA
Class II, Div. 1 & 2, Groups E, F, G
Class III



size 7 Groups A, B, C, D
sizes 8 & 10 Groups C, D



sizes 7, 8 & 10 Group D

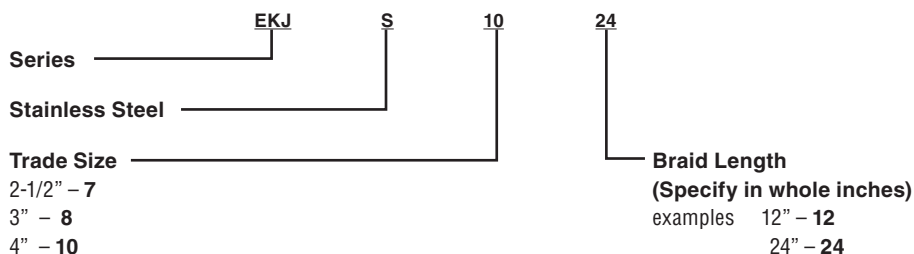
FEATURES-SPECIFICATIONS

Features

- Available in custom lengths. See catalog logic to order
- Stainless steel wirebraid construction
- Annular corrugated seamless hose
- Cast in ribs for easy installation
- 2-1/2" – 4" sizes furnished with two aluminum nipples

CATALOG NUMBER LOGIC

Sizes 2-1/2" Thru 4"



ORDERING EXAMPLE - EKJS-1024

(4" trade size, 24" length)



FITTINGS

EKJ SERIES

STAINLESS STEEL FLEXIBLE COUPLINGS – ATEX/IEC Ex CERTIFIED



EKJ-211SS-EX



ATEX / IEC Ex Certified

IECEX SIR 10.0057U

SIRA 10ATEX11068U 0539

Ex II 2GD

Ex db IIC Gb, Ex tb IIIC Db IP66

Class I, Div. 1 & 2, Groups A,B,C, D

Class I, Zone 1, Groups IIB, IIA

Class II, Div. 1 & 2, Groups E, F, G

Class III



FEATURES-SPECIFICATIONS

Features

- Stainless Steel flexible metal construction
- NPT male fitting (316SS) welded to each end
- Outer Braid (304SS) with inner flex hose of 321SS
- Inner liner of silicone coated fabric

No Max Length Restrictions, Contact Factory for Custom Lengths

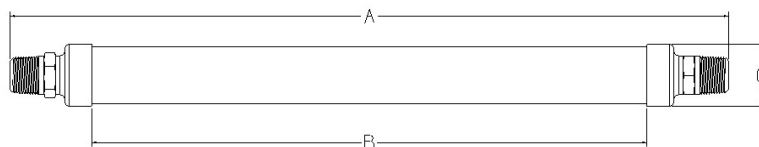
MINIMUM BEND RADIUS

SERIES	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
EKJ	10"	12"	14"	14"	16"	18"



STAINLESS STEEL FLEXIBLE COUPLINGS – ATEX/IEC Ex CERTIFIED

EKJ FLEXIBLE COUPLINGS - QUAD LISTED				
CATALOG NUMBER	CONDUIT SIZE	A OVERALL LENGTH	B FLEXIBLE LENGTH	C DIAMETER
EKJ-14SS-EX	1/2"	8-9/64" (207)	4" (102)	1-1/8" (34)
EKJ-18SS-EX	1/2"	12-9/64" (308)	8" (203)	1-1/8" (34)
EKJ-112SS-EX	1/2"	16-9/64" (410)	12" (305)	1-1/8" (34)
EKJ-116SS-EX	1/2"	20-9/64" (512)	16" (406)	1-1/8" (34)
EKJ-120SS-EX	1/2"	24-9/64" (613)	20" (508)	1-1/8" (34)
EKJ-124SS-EX	1/2"	28-9/64" (715)	24" (610)	1-1/8" (34)
EKJ-128SS-EX	1/2"	32-9/64" (816)	28" (711)	1-1/8" (34)
EKJ-132SS-EX	1/2"	36-9/64" (918)	32" (813)	1-1/8" (34)
EKJ-136SS-EX	1/2"	40-9/64" (1020)	36" (914)	1-1/8" (34)
EKJ-27SS-EX	3/4"	11-1/2" (292)	7" (178)	1-11/16" (43)
EKJ-211SS-EX	3/4"	15-1/2" (394)	11" (279)	1-11/16" (43)
EKJ-215SS-EX	3/4"	19-1/2" (495)	15" (381)	1-11/16" (43)
EKJ-219SS-EX	3/4"	23-1/2" (597)	19" (483)	1-11/16" (43)
EKJ-223SS-EX	3/4"	27-1/2" (699)	23" (584)	1-11/16" (43)
EKJ-227SS-EX	3/4"	31-1/2" (800)	27" (686)	1-11/16" (43)
EKJ-231SS-EX	3/4"	35-1/2" (902)	31" (788)	1-11/16" (43)
EKJ-235SS-EX	3/4"	39-1/2" (1003)	35" (889)	1-11/16" (43)
EKJ-37SS-EX	1"	12" (305)	7" (178)	2" (50)
EKJ-311SS-EX	1"	16" (406)	11" (279)	2" (50)
EKJ-315SS-EX	1"	20" (508)	15" (381)	2" (50)
EKJ-319SS-EX	1"	24" (610)	19" (483)	2" (50)
EKJ-323SS-EX	1"	28" (711)	23" (584)	2" (50)
EKJ-327SS-EX	1"	32" (813)	27" (686)	2" (50)
EKJ-331SS-EX	1"	36" (914)	31" (788)	2" (50)
EKJ-335SS-EX	1"	40" (1016)	35" (889)	2" (50)
EKJ-513SS-EX	1-1/2"	18-1/8" (460)	13" (330)	2-25/32" (71)
EKJ-517SS-EX	1-1/2"	23-1/8" (587)	17" (432)	2-25/32" (71)
EKJ-521SS-EX	1-1/2"	27-1/8" (689)	21" (533)	2-25/32" (71)
EKJ-525SS-EX	1-1/2"	31-1/8" (791)	25" (635)	2-25/32" (71)
EKJ-529SS-EX	1-1/2"	35-1/8" (892)	29" (737)	2-25/32" (71)
EKJ-533SS-EX	1-1/2"	39-1/8" (994)	33" (838)	2-25/32" (71)
EKJ-614SS-EX	2"	21-17/64" (540)	14" (356)	3-19/32" (91)
EKJ-618SS-EX	2"	25-17/64" (642)	18" (457)	3-19/32" (91)
EKJ-622SS-EX	2"	29-17/64" (743)	22" (559)	3-19/32" (91)
EKJ-626SS-EX	2"	33-17/64" (845)	26" (660)	3-19/32" (91)
EKJ-630SS-EX	2"	37-17/64" (947)	30" (762)	3-19/32" (91)
EKJ-634SS-EX	2"	41-17/64" (1048)	34" (864)	3-19/32" (91)





FITTINGS K SERIES

LIQUIDTIGHT CONNECTORS

LIQUIDTIGHT®



Suitable for use in hazardous location applications when installed according to NEC Articles 501.10(b), Class I, Div. 2, (Suitable for use in Class I, Zone 2 applications) 502.10 and 503.10.

 LISTED - File E22699

 Certified - File LR70873

FEATURES-SPECIFICATIONS

Features

- Split nylon gland ring – split for easy installation and greater compression
- Digging locknut
- Sealing 'O'-rings included
- Reusable

Materials

- Steel/malleable iron
- Zinc electro-plated

Mesh Grips

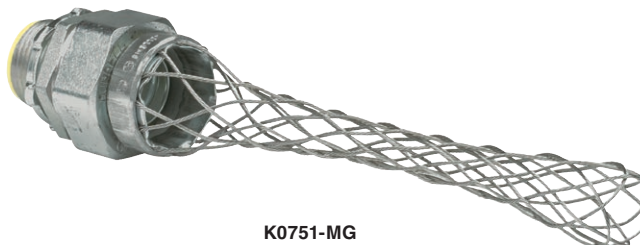
- Stainless steel mesh grips are corrosion resistant and prevent conduit pull-out in high stress installations



LIQUIDTIGHT CONNECTORS



K2001



K0751-MG

K LIQUIDTIGHT CONNECTORS – STRAIGHT

CATALOG NUMBER	NPT SIZE	CONNECTOR STYLE	DIMENSIONS		
			A	B	C
K038	3/8"	Straight non-insulated	1-7/16"	19/32"	1-1/16"
K050	1/2"	Straight non-insulated	1-7/16"	19/32"	1-13/16"
K075	3/4"	Straight non-insulated	1-9/16"	19/32"	1-3/8"
K100	1"	Straight non-insulated	1-11/16"	21/32"	1-11/16"
K125	1-1/4"	Straight non-insulated	2-1/32"	11/16"	2-1/16"
K150	1-1/2"	Straight non-insulated	2-7/32"	11/16"	2-3/8"
K200	2"	Straight non-insulated	2-9/32"	23/32"	2-7/8"
K250	2-1/2"	Straight non-insulated	3-1/2"	1"	3-5/8"
K300	3"	Straight non-insulated	3-3/4"	1"	4-5/16"
K350	3-1/2"	Straight non-insulated	3-3/4"	1"	4-3/4"
K400	4"	Straight non-insulated	3-3/4"	1"	5-5/16"
K0381*	3/8"	Straight insulated	1-7/16"	21/32"	1-1/16"
K0501*	1/2"	Straight insulated	1-7/16"	21/32"	1-3/16"
K0751*	3/4"	Straight insulated	1-5/8"	21/32"	1-3/8"
K1001*	1"	Straight insulated	1-3/4"	23/32"	1-11/16"
K1251*	1-1/4"	Straight insulated	2-3/32"	3/4"	2-1/16"
K1501*	1-1/2"	Straight insulated	2-9/32"	3/4"	2-3/8"
K2001*	2"	Straight insulated	2-11/32"	25/32"	2-7/8"
K2501*	2-1/2"	Straight insulated	3-1/2"	1"	3-5/8"
K3001*	3"	Straight insulated	3-3/4"	1"	4-5/16"
K3501	3-1/2"	Straight insulated	3-3/4"	1"	4-3/4"
K4001*	4"	Straight insulated	3-3/4"	1"	5-5/16"

* For mesh grip, add - **MG** to Catalog Number. Example **K0381-MG**.

DIMENSIONS

