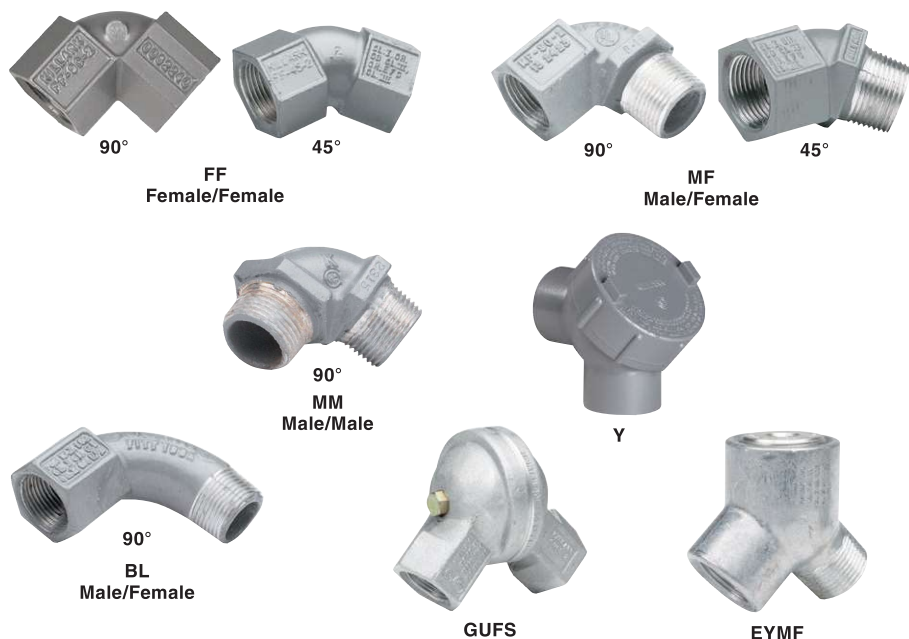




FITTINGS

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 II2GD

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-90-1M④	1/2"	FF 90°	2"	2"	1-3/8"	1-3/8"
FF-90-2①	FF-90-2M④	3/4"	FF 90°	2-1/4"	2-1/4"	1-1/2"	1-1/2"
FF-90-3①	FF-90-3M④	1"	FF 90°	2-15/16"	2-15/16"	2"	2"
FF-45-1①	FF-45-1M④	1/2"	FF 45°	2-3/8"	2"	1-1/8"	—
FF-45-2①	FF-45-2M④	3/4"	FF 45°	2-11/16"	2-3/16"	1-1/4"	—
FF-45-3①	FF-45-3M④	1"	FF 45°	3-3/8"	2-11/16"	1-5/8"	—
FF-45-6①	FF-45-6M④	2"	FF 45°	4-3/4"	3-7/8"	2-1/4"	—
FF-45-8①	FF-45-8M④	3"	FF 45°	5-1/4"	5-17/64"	2-17/64"	—
MF-90-1①	MF-90-1M④	1/2"	MF 90°	2-7/32"	2"	1-3/8"	1-1/16"
MF-90-2①	MF-90-2M④	3/4"	MF 90°	2-1/2"	2-1/4"	1-1/2"	1-1/16"
MF-45-1①	MF-45-1M④	1/2"	MF 45°	2-35/64"	1-55/64"	1-1/8"	1-1/16"
MF-45-2①	MF-45-2M④	3/4"	MF 45°	2-3/4"	2"	1-9/32"	1-1/16"
MM-90-1①	MM-90-1M④	1/2"	MM 90°	2-15/32"	2-15/32"	1-49/64"	1-1/16"
MM-90-2①	MM-90-2M④	3/4"	MM 90°	2-5/8"	2-5/8"	1-57/64"	1-1/16"
BL-90-1①	BL-90-1M④	1/2"	BL 90°	2-1/4"	2-3/8"	1-7/8"	1-3/4"
BL-90-2①	BL-90-2M④	3/4"	BL 90°	2-5/8"	3"	2-1/8"	2-1/4"
BL-90-3①	BL-90-3M④	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-1M④	1/2"	180°	4-1/2"	2-1/4"	—	—
GUFS-2②	GUFS-2M④	3/4"	180°	4-1/2"	2-1/4"	—	—
GUMFS-1②	GUMFS-1M④	1/2"	180°	5-1/8"	2-1/4"	—	—
GUMFS-2②	GUMFS-2M④	3/4"	180°	5-1/4"	2-1/4"	—	—

90° PLUGGED ELBOWS							
CATALOG NUMBER		HUB SIZE	TYPE	A	B	C	D
ALUMINUM	IRON						
EYMF-1②	—	1/2"	90°	2-5/8"	2-5/8"	1-3/8"	1-3/8"
EYMF-2②	—	3/4"	90°	2-3/4"	2-3/4"	1-1/2"	1-1/2"

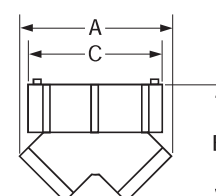
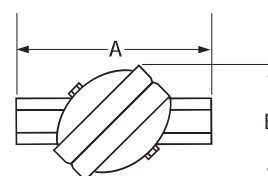
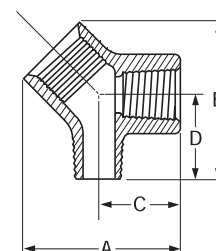
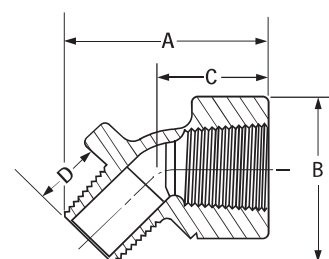
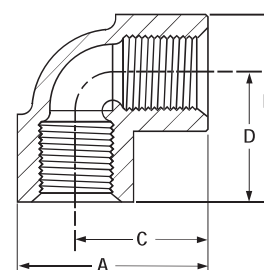
① Copper-free aluminum - Electrostatically applied powder coating

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"

