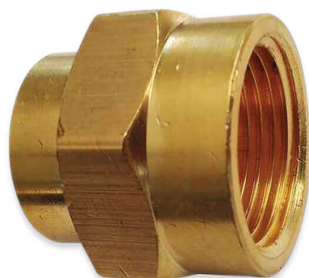




# PIPE FITTINGS

## PIPE FITTINGS

Brass Pipe Fittings can be used in applications for connecting pipes and fixtures.

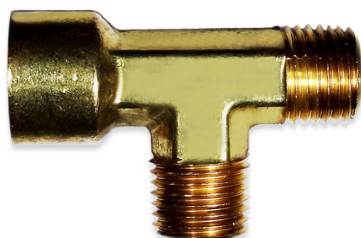


## BFCR SERIES

BFCR Series is a brass-reducing connector with some sizes available in Nickel Plate. It can be used with grease, fuels, hydraulic systems, and refrigeration. The temperature range is -65° F to 250° F with an operating pressure of 1200 psi.

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SKU	DESCRIPTION
BFCR-4-2	1/4 FNPT by 1/8 FNPT Brass Reducer NP
BFCR-6-2	3/8 FNPT by 1/8 FNPT Brass Reducer NP
BFCR-6-4	3/8 FNPT by 1/4 FNPT Brass Reducer NP
BFCR-8-2	1/2 FNPT by 1/8 FNPT Brass Reducer
BFCR-8-4	1/2 FNPT by 1/4 FNPT Brass Reducer
BFCR-8-6	1/2 FNPT by 3/8 FNPT Brass Reducer NP
BFCR-12-6	3/4 FNPT by 3/8 FNPT Brass Reducer



## STF SERIES

The STF Series is a Forged Brass female-run Street Tee. These fittings can be used with iron, copper, or brass pipe. They can be used for water, chemicals, flammable gases, and fire sprinkler systems.

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SKU	DESCRIPTION
STF-2F2MM	1/8 FNPT Inlet 1/8 MNPT Forged Tee
STF-4F4MM	1/4 FNPT Inlet 1/4 MNPT Forged Tee



**MBFC SERIES**

MBFC Series brass female-to-female connector with a central hex and equal threads on both ends. Available in Nickel Plate. Order example: MBFC-1428-4F

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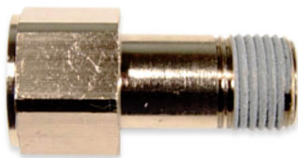
**BFE45° SERIES**

The BFE45° Series is a 45° female NPT Brass elbow. It is available in 4 sizes and Barstock only. The temperature range for this elbow is -65° F to 250° F. Also the operating pressure is 1200 psi.

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SKU	DESCRIPTION
BFE45-2	1/8 FNPT 90° Brass Elbow Barstock
BFE45-4	1/4 FNPT 90° Brass Elbow Barstock
BFE45-6	3/8 FNPT 90° Brass Elbow Barstock
BFE45-8	1/2 FNPT 90° Brass Elbow Barstock

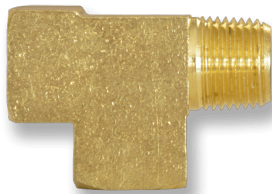
BAE-N SERIES



Bae-N Series is a Nickel-plated brass long extension connector that is available as equal or reducing.

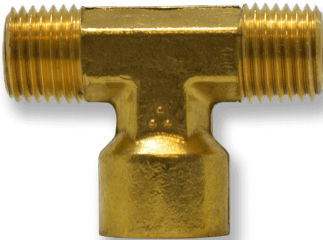
SKU	DESCRIPTION
BAE-1032MF-N	10-32 M by 10-32 F Nickel-Plated Brass Long Extension
BAE-1032M2F-N	10-32 M by 1/8 FNPT Nickel-Plated Brass Long Extension
BAE-2M2F-N	1/8 MNPT by 1/8 FNPT Nickel-Plated Brass Long Extension
BAE-2M4F-N	1/8 MNPT by 1/4 FNPT Nickel-Plated Brass Long Extension
BAE-2M6F-N	1/8 MNPT by 3/8 FNPT Nickel-Plated Brass Long Extension
BAE-4M4F-N	1/4 MNPT by 1/4 FNPT Nickel-Plated Brass Long Extension
BAE-4M6F-N	1/4 MNPT by 3/8 FNPT Nickel-Plated Brass Long Extension
BAE-4M8F-N	1/4 MNPT by 1/8 FNPT Nickel-Plated Brass Long Extension
BAE-6M6F-N	3/8 MNPT by 3/8 FNPT Nickel-Plated Brass Long Extension
BAE-6M8F-N	3/8 MNPT by 1/8 FNPT Nickel-Plated Brass Long Extension
BAE-8M8F-N	1/2 MNPT by 1/2 FNPT Nickel-Plated Brass Long Extension

STM SERIES



The STM Series is a male-run street tee available in forged or bar stock Brass. The temperature range for these tees is -65° F to 250° F. The working pressure is 1200 psi. These are ASA, ASME, and SAE compliant. Nickel-Plate is available in some sizes.

SKU	Description
STM-2M2FF	1/8 MNPT by 1/8 FNPT Street Tee B F NP
STM-6M6FF	3/8 MNPT by 3/8 FNPT Street Tee B F NP
STM-8M8FF	1/2 MNPT by 1/2 FNPT Street Tee B F
STM-12M12FF	3/4 MNPT by 3/4 FNPT Street Tee B F



**BFBT SERIES**

The BFBT Series is a male by male by female forged Brass Tee. This series is available in two sizes: 1/8 inch and 1/4 inch. The 1/8-inch size is available in nickel-plated brass.

SKU	Description
BFBT-2M2F	1/8 inch MNPT Run by 1/8 inch FNPT Leg
BFBT-2M2F-NP	1/8 inch MNPT Run by 1/8 inch FNPT Leg Nickel Plated
BFBT-4M4F	1/4 inch MNPT Run by 1/4 inch FNPT Leg



**BBFTR SERIES**

BBFTR Series is a forged Brass female reducing Tee. The operating pressure for this tee is 1200 psi with a temperature range of -65° F to 250° F. The threads are Female NPT.

SKU	Description
BBFTR-2-2-4	1/8 inch FNPT by 1/8 inch FNPT by 1/4 inch FNPT Brass Reducing Tee
BBFTR-4-4-2	1/4 inch FNPT by 1/4 inch FNPT by 1/8 inch FNPT Brass Reducing Tee
BBFTR-4-4-6	1/4 inch FNPT by 1/4 inch FNPT by 3/8 inch FNPT Brass Reducing Tee
BBFTR-6-4-6	3/8 inch FNPT by 1/4 inch FNPT by 3/8 inch FNPT Brass Reducing Tee
BBFTR-6-6-4	3/8 inch FNPT by 3/8 inch FNPT by 1/4 inch FNPT Brass Reducing Tee
BBFTR-8-8-6	1/2 inch FNPT by 1/2 inch FNPT by 3/8 inch FNPT Brass Reducing Tee
BBFTR-12-8-12	3/4 inch FNPT by 1/2 inch FNPT by 3/4 inch FNPT Brass Reducing Tee
BBFTR-12-12-8	3/4 inch FNPT by 3/4 inch FNPT by 1/2 inch FNPT Brass Reducing Tee



## BME SERIES

The BME Series is a 90° Brass forged Elbow, available in both equal and reducing sizes. Available Male NPT thread sizes are 1/8 inch, 1/4 inch, 3/8 inch, and 1/2 inch. The temperature range is -65° F to 250° F. The operating pressure is 1200 psi. They can be used for grease, fuels, refrigeration, and hydraulic applications. They meet ASA, ASME, and SAE specifications. Nickel-plated brass is available.

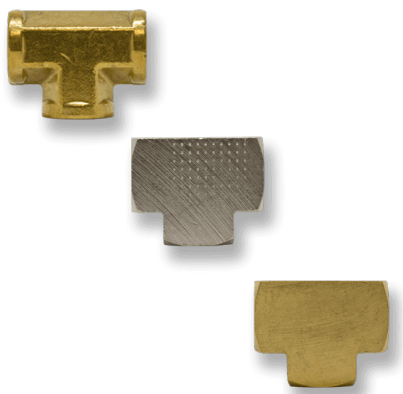
SKU	Description
BME-2	1/8 MNPT Forged Brass Elbow NP
BME-4	1/4 MNPT Forged Brass Elbow NP
BME-6	3/8 MNPT Forged Brass Elbow NP
BME-8	1/2 MNPT Forged Brass Elbow NP
BME-8-4	1/2 MNPT by 1/4 MNPT Forged Elbow Reducer
BME-6-4	3/8 MNPT by 1/4 MNPT Forged Elbow Reducer
BME-8-6	3/8 MNPT by 1/4 MNPT Forged Elbow Reducer

## BAE SERIES



Brass extension connectors are available as equal or reducing with NPT threads.

SKU	Description
BAE-18MF	1/8 inch MNPT by 1/8 inch FNPT Brass Extension
BAE-38MF	3/8 inch MNPT by 3/8 inch FNPT Brass Extension
BAE-12MF	1/2 inch MNPT by 1/2 inch FNPT Brass Extension
BAE-34MF	3/4 inch MNPT by 3/4 inch FNPT Brass Extension
BAE-4M-2F	1/4 inch MNPT by 1/8 inch FNPT Brass Reducing Reducing Extension
BAE-6M-2F	3/8 inch MNPT by 1/8 inch FNPT Brass Reducing Reducing Extension
BAE-6M-4F	3/8 inch MNPT by 1/4 inch FNPT Brass Reducing Reducing Extension
BAE-8M-4F	1/2 inch MNPT by 1/4 inch FNPT Brass Reducing Reducing Extension
BAE-8M-6F	1/2 inch MNPT by 3/8 inch FNPT Brass Reducing Reducing Extension



## BFT SERIES

The BFT Series is a Brass Tee with female NPT threads. The operating pressure is 1200 psi and the temperature range is -65° F to 250° F. This tee is available as Forged or Barstock. Nickel Plate is also available in barstock.

SKU	Description
BFT-2	1/8 FNPT Brass Tee B F NP
BFT-4	1/4 FNPT Brass Tee B F NP
BFT-6	3/8 FNPT Brass Tee B F NP
BFT-8	1/2 FNPT Brass Tee B F NP
BFT-12	3/4 FNPT Brass Tee B F NP
BFT-16	1 inch FNPT Brass Tee F



## BSE45 SERIES

The BSE45 Series are 45° Brass Elbows available as both forged and barstock. The temperature range is -65° F to 250° F. The operating pressure is 1200 psi. They can be used for grease, fuels, refrigeration, and hydraulic applications. They meet ASA, ASME, and SAE specifications.

SKU	Description
BSE45-2M2F	1/8 MNPT by 1/8 FNPT Brass 45° Elbow B F
BSE45-4M4F	1/4 MNPT by 1/4 FNPT Brass 45° Elbow B F
BSE45-6M6F	3/8 MNPT by 3/8 FNPT Brass 45° Elbow B F
BSE45-8M8F	1/2 MNPT by 1/2 FNPT Brass 45° Elbow B
BSE45-12M12F	3/4 MNPT by 3/4 FNPT Brass 45° Elbow B

SKU	Description
BSE45-2M2F	1/8 MNPT by 1/8 FNPT Brass 45° Elbow B F
BSE45-4M4F	1/4 MNPT by 1/4 FNPT Brass 45° Elbow B F
BSE45-6M6F	3/8 MNPT by 3/8 FNPT Brass 45° Elbow B F
BSE45-8M8F	1/2 MNPT by 1/2 FNPT Brass 45° Elbow B



SKU	Description
BSE45-12M12F	3/4 MNPT by 3/4 FNPT Brass 45° Elbow B

## MBT SERIES



The MBT Series is a Brass male branch tee. Available Male and Female NPT thread sizes are 1/8 inch, 1/4 inch, 3/8 inch, 1/2 inch, and 3/4 inch. It is available for forged, bar-stock and nickel-plated (noted below).

SKU	Description
MBT-2M2F	1/8 MNPT by 1/8 FNPT Male Branch Tee B F NP
MBT-4M4F	1/4 MNPT by 1/4 FNPT Male Branch Tee B F NP
MBT-6M6F	3/8 MNPT by 3/8 FNPT Male Branch Tee B NP
MBT-8M8F	1/2 MNPT by 1/2 FNPT Male Branch Tee B NP
MBT-12M12F	3/4 MNPT by 3/4 FNPT Male Branch Tee B

## BFE SERIES

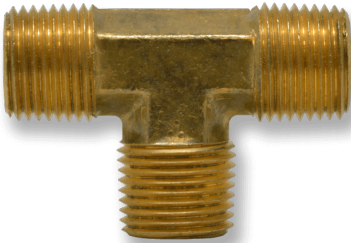


90° Brass Elbow with female NPT threads. It is available in equal and reduced sizes. It is also available in Forged and Barstock. (As noted below in size list.)

Some sizes are also available in nickel plates.

SKU	Description
BFE-2	1/8 FNPT 90° Brass Elbow B F NP
BFE-4	1/4 FNPT 90° Brass Elbow B F NP
BFE-6	3/8 FNPT 90° Brass Elbow B F
BFE-8	1/2 FNPT 90° Brass Elbow B F
BFE-12	3/4 FNPT 90° Brass Elbow B F
BFE-1	1 inch FNPT 90° Brass Elbow F
BFE-4-2	1/4 FNPT by 1/8 FNPT 90° Brass Elbow Reducer F
BFE-6-4	3/8 FNPT by 1/4 FNPT 90° Brass Elbow Reducer F
BFE-8-6	1/2 FNPT by 3/8 FNPT 90° Brass Elbow Reducer F





**BMT SERIES**

The BMT Series is a male forged Brass Tee Connector. Available male NPT thread sizes are 1/8 inch, 1/4 inch, 3/8 inch, and 1/2 inch. All sizes are also available in nickel-plate.

SKU	Description
BMT-2	1/8 inch MNPT Brass Forged Tee Connector
BMT-4	1/4 inch MNPT Brass Forged Tee Connector
BMT-6	3/8 inch MNPT Brass Forged Tee Connector
BMT-8	1/2 inch MNPT Brass Forged Tee Connector



**BFCC SERIES**

Brass Cross has female NPT threads. The operating pressure is 1200 psi and the temperature range is -65° F to 250° F. The cross is available as Forged or Barstock. (Availabilities are noted below.)

SKU	Description
BFCC-2	1/8 FNPT Brass Cross BF
BFCC-4	1/4 FNPT Brass Cross BF
BFCC-6	3/8 FNPT Brass Cross BF
BFCC-8	1/2 FNPT Brass Cross BF
BFCC-12	3/4 FNPT Brass Cross B

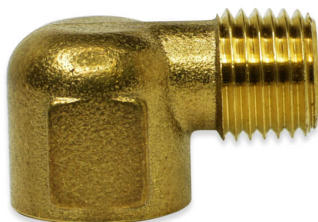
## BFC SERIES



Brass connector with equal female NPT threads. The pressure rating for this connector is 1200 psi and the temperature range is -65° F to 250° F. It meets the specifications for ASA, ASMER, and SAE.

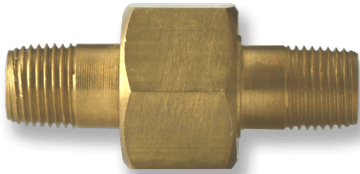
SKU	Description
BFC-2	1/8 inch FNPT Brass Equal Pipe Connector
BFC-4	1/4 inch FNPT Brass Equal Pipe Connector
BFC-6	3/8 inch FNPT Brass Equal Pipe Connector
BFC-8	1/2 inch FNPT Brass Equal Pipe Connector
BFC-12	3/4 inch FNPT Brass Equal Pipe Connector
BFC-16	1 inch FNPT Brass Equal Pipe Connector

## BSTE SERIES



The BSTE Series are 90° Brass Street Elbows, available as both forged and bar stock. The bar stock fitting is available in a short version. The forged is available as a reducer. Available MNPT and FNPT thread sizes are 1/8 inch, 1/4 inch, 3/8 inch, 1/2 inch, and 3/4 inch. The temperature range is -65° F to 250° F. The operating pressure is 1200 psi. They can be used for grease, fuels, refrigeration, and hydraulic applications. They meet ASA, ASME, and SAE specifications.

SKU	Description
BSTE-2-S-NP	1/8 inch NPT Nickel Plated Short Street Elbow
BSTE-2	1/8 inch MNPT by 1/8 inch FNPT Brass Street Elbow
BSTE-4	1/4 inch MNPT by 1/4 inch FNPT Brass Street Elbow
BSTE-6	3/8 inch MNPT by 3/8 inch FNPT Brass Street Elbow
BSTE-8	1/2 inch MNPT by 1/2 inch FNPT Brass Street Elbow
BSTE-12	3/4 inch MNPT by 3/4 inch FNPT Brass Street Elbow
BSTE-2M4F	1/8 inch MNPT by 1/4 inch FNPT Brass Street Elbow
BSTE-4M6F	1/4 inch MNPT by 3/8 inch FNPT Brass Street Elbow
BSTE-4M2F	1/4 inch MNPT by 1/8 inch FNPT Brass Street Elbow Reducer



**BXU SERIES**

The BXU Series is a Brass male Union. Available male NPT thread sizes are 1/8 inch, 1/4 inch, 3/8 inch, and 1/2 inch. One end of this union is solid with hex nut, the other end can be removed.

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SKU		Description
BXU-2	1/8 inch MNPT Brass Union	
BXU-4	1/4 inch MNPT Brass Union	
BXU-6	3/8 inch MNPT Brass Union	
BXU-8	1/2 inch MNPT Brass Union	



**FXF SERIES**

The FXF Series is a Brass female-by-female union. The brass fittings are available in four sizes, the nickel plated in five sizes, as noted below. The maximum operating pressure is 1200 psi and the working temperature range is -65° F to 250° F.

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SKU		Description
FXF-2	1/8 inch FNPT by 1/8 inch FNPT Brass Union	
FXF-4	1/4 inch FNPT by 1/4 inch FNPT Brass Union	
FXF-6	3/8 inch FNPT by 3/8 inch FNPT Brass Union	
FXF-8	1/2 inch FNPT by 1/2 inch FNPT Brass Union	
FXF-12	3/4 inch FNPT by 3/4 inch FNPT Nickel Plated Union	

ILA SERIES



The ILA Series is a universal Nickel-Plated Brass connector with 10-32-inch male UNF threads and a 5/16 inch hex. This fitting has an operating pressure of 125 psi. 303 Stainless Steel is optional. Also available as a swivel.

SKU	Description
ILA-10	10-32 inch male UNF Adjustable Nickel-Plated Brass Swivel Connector

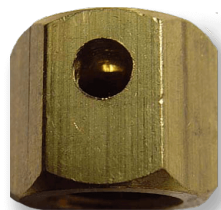
MFA SERIES



The MFA Series consists of high-quality Brass female-to-male connectors. They are designed to serve various threading standards including NPT, UNF, and BSPT. These connectors are engineered for durability, making them appropriate for a wide range of industrial applications where secure and leak-proof connections are needed.

SKU	Description
MFA-1010	10-32 inch Female UNF by 10-32 inch Male UNF Pipe Connector
MFA-1010EL	10-32 inch Female UNF by 1/2 inch MNPT Pipe Connector
MFA-1010S	10-32 inch Female UNF by 1/4 inch MNPT Pipe Connector
MFA-10F5MM	10-32 inch Female UNF by 5 MM Male Pipe Connector
MFA-1032-1M	10-32 inch Female UNF by 1/16 inch MNPT Pipe Connector
MFA-1032-2M	10-32 inch Female UNF by 1/8 inch MNPT Pipe Connector
MFA-1032-4M	10-32 inch Female UNF by 1/4 inch MNPT Pipe Connector
MFA-18F10M	1/8 inch FNPT by 10-32 inch Male UNF Pipe Connector
MFA-18F5MM	1/8 inch FNPT by 5 MM Male Pipe Connector
MFA-1F2M	1/16 inch FNPT by 1/8 inch MNPT Pipe Connector
MFA-1F4M	1/16 inch FNPT by 1/4 inch MNPT Pipe Connector
MFA-4F4M	1/8 inch FNPT by 1/8 inch MNPT Pipe Connector
MFA-4F2M	1/4 inch FNPT by 1/8 inch MNPT Pipe Connector
MFA-4F4M	1/4 inch FNPT by 1/4 inch MNPT Pipe Connector
MFA-4F3MM	1/4 inch FNPT by 3 MM Male Pipe Connector

SKU	Description
MFA-4F5MM	1/4 inch FNPT by 5 MM Male Pipe Connector
MFA-4F6MM	1/4 inch FNPT by 6 MM Male Pipe Connector
MFA-3M-1032M	3 MM Female by 10-32 inch Male UNF Pipe Connector
MFA-3M-1428M	3 MM Female by 1/4-28 inch Male UNF Pipe Connector
MFA-3M-1M	3 MM Female by 1/16 inch MNPT Pipe Connector
MFA-3M-2M	3 MM Female by 1/8 inch MNPT Pipe Connector
MFA-3M-4M	3 MM Female by 1/4 inch MNPT Pipe Connector
MFA-3M-M3M	3 MM Female by 3 MM Male Pipe Connector
MFA-3M-M5M	3 MM Female by 5 MM Male Pipe Connector
MFA-3M-M6M	3 MM Female by 6 MM Male Pipe Connector
MFA-3M-M8M	3 MM Female by 8 MM Male Pipe Connector
MFA-5M-1032M	5 MM Female by 10-32 inch Male UNF Pipe Connector
MFA-5M-1428M	5 MM Female by 1/4-28 inch Male UNF Pipe Connector
MFA-5M-1M	5 MM Female by 1/16 inch MNPT Pipe Connector
MFA-5M-2M	5 MM Female by 1/8 inch MNPT Pipe Connector
MFA-5M-4M	5 MM Female by 1/4 inch MNPT Pipe Connector
MFA-5M-M3M	5 MM Female by 3 MM Male Pipe Connector
MFA-5M-M5M	5 MM Female by 5 MM Male Pipe Connector
MFA-5M-M6M	5 MM Female by 6 MM Male Pipe Connector
MFA-6M-1032M	6 MM Female by 10-32 inch Male UNF Pipe Connector
MFA-6M-1428M	6 MM Female by 1/4-28 inch Male UNF Pipe Connector
MFA-6M-1M	6 MM Female by 1/16 inch MNPT Pipe Connector
MFA-6M-4M	6 MM Female by 1/4 inch MNPT Pipe Connector
MFA-6M-M3M	6 MM Female by 3 MM Male Pipe Connector
MFA-6M-M5M	6 MM Female by 5 MM Male Pipe Connector
MFA-6M-M6M	6 MM Female by 6 MM Male Pipe Connector
MFA-6M-M8M	6 MM Female by 8 MM Male Pipe Connector
MFA-8M-1032M	8 MM Female by 10-32 inch Male UNF Pipe Connector
MFA-8M-1M	8 MM Female by 1/16 inch MNPT Pipe Connector
MFA-8M-4M	8 MM Female by 1/4 inch MNPT Pipe Connector
MFA-8M-M3M	9 MM Female by 3 MM Male Pipe Connector
MFA-2BSPT-1032M	1/8 inch BSPT Female by 10-32 inch Male UNF Pipe Connector
MFA-2BSPT-4M	1/8 inch BSPT Female by 1/4 inch MNPT Pipe Connector
MFA-2BSPT-M3M	1/8 inch BSPT Female by 3 MM Male Pipe Connector
MFA-4BSPT-1032M	1/4 inch BSPT Female by 10-32 inch Male UNF Pipe Connector
MFA-4BSPT-4M	1/4 inch BSPT Female by 1/4 inch MNPT Pipe Connector



## FEF SERIES

The FEF Series are Brass female-to-female elbow connectors. Shown is a 90° elbow but 45° elbows are available. For the Male version see our [MEF Series](#) line.

SKU	Description
FEF-1032MX1F	10-32 inch Female UNF by 1/16 inch Female 90° Miniature Elbow Adapter
FEF-1032MX2F	10-32 inch Female UNF by 1/8 inch Female 90° Miniature Elbow Adapter
FEF-1032MX4F	10-32 inch Female UNF by 1/4 inch Female 90° Miniature Elbow Adapter
FEF-1032MX3MM	10-32 inch Female UNF by 3MM Female 90° Miniature Elbow Adapter
FEF-1032MX5MM	10-32 inch Female UNF by 5MM Female 90° Miniature Elbow Adapter
FEF-1032MX6MM	10-32 inch Female UNF by 6MM Female 90° Miniature Elbow Adapter
FEF-1032MX8MM	10-32 inch Female UNF by 8MM Female 90° Miniature Elbow Adapter
FEF-1428MX1032F	1/4-28 inch Female UNF by 10-32 Female 90° Miniature Elbow Adapter
FEF-1428MX1F	1/4-28 inch Female UNF by 1/16 inch Female 90° Miniature Elbow Adapter
FEF-1428MX2F	1/4-28 inch Female UNF by 1/8 inch Female 90° Miniature Elbow Adapter
FEF-1428MX4F	1/4-28 inch Female UNF by 1/4 inch Female 90° Miniature Elbow Adapter
FEF-1428MX3MM	1/4-28 inch Female UNF by 3MM Female 90° Miniature Elbow Adapter
FEF-1428MX5MM	1/4-28 inch Female UNF by 5MM Female 90° Miniature Elbow Adapter
FEF-1428MX6MM	1/4-28 inch Female UNF by 6MM Female 90° Miniature Elbow Adapter
FEF-1428MX8MM	1/4-28 inch Female UNF by 8MM Female 90° Miniature Elbow Adapter
FEF-1MX1032F	1/16 inch Female by 10-32 Female 90° Miniature Elbow Adapter
FEF-1MX1428F	1/16 inch Female by 1/4-28 Female 90° Miniature Elbow Adapter
FEF-1MX1F	1/16 inch Female by 1/16 inch Female 90° Miniature Elbow Adapter
FEF-1MX2F	1/16 inch Female by 1/8 inch Female 90° Miniature Elbow Adapter
FEF-1MX4F	1/16 inch Female by 1/4 inch Female 90° Miniature Elbow Adapter
FEF-1MX3MM	1/16 inch Female by 3MM Female 90° Miniature Elbow Adapter

SKU	Description
FEF-1MX5MM	1/16 inch Female by 5MM Female 90° Miniature Elbow Adapter
FEF-1MX6MM	1/16 inch Female by 6MM Female 90° Miniature Elbow Adapter
FEF-1MX8MM	1/16 inch Female by 8MM Female 90° Miniature Elbow Adapter
FEF-2MX1032F	1/8 inch Female by 10-32 Female 90° Miniature Elbow Adapter
FEF-2MX1428F	1/8 inch Female by 1/4-28 Female 90° Miniature Elbow Adapter
FEF-2MX1F	1/8 inch Female by 1/16 inch Female 90° Miniature Elbow Adapter
FEF-2MX2F	1/8 inch Female by 1/8 inch Female 90° Miniature Elbow Adapter
FEF-2MX4F	1/8 inch Female by 1/4 inch Female 90° Miniature Elbow Adapter
FEF-2MX3MM	1/8 inch Female by 3MM Female 90° Miniature Elbow Adapter
FEF-2MX5MM	1/8 inch Female by 5MM Female 90° Miniature Elbow Adapter
FEF-2MX6MM	1/8 inch Female by 6MM Female 90° Miniature Elbow Adapter
FEF-2MX8MM	1/8 inch Female by 8MM Female 90° Miniature Elbow Adapter
FEF-4MX1032F	1/4 inch Female by 10-32 Female 90° Miniature Elbow Adapter
FEF-4MX1428F	1/4 inch Female by 1/4-28 Female 90° Miniature Elbow Adapter
FEF-4MX1F	1/4 inch Female by 1/16 inch Female 90° Miniature Elbow Adapter
FEF-4MX2F	1/4 inch Female by 1/8 inch Female 90° Miniature Elbow Adapter
FEF-4MX4F	1/4 inch Female by 1/4 inch Female 90° Miniature Elbow Adapter
FEF-4MX3MM	1/4 inch Female by 3MM Female 90° Miniature Elbow Adapter
FEF-4MX5MM	1/4 inch Female by 5MM Female 90° Miniature Elbow Adapter
FEF-4MX6MM	1/4 inch Female by 6MM Female 90° Miniature Elbow Adapter
FEF-4MX8MM	1/4 inch Female by 8MM Female 90° Miniature Elbow Adapter
FEF-M3MX1032F	M3 Female by 10-32 Female 90° Miniature Elbow Adapter
FEF-M3MX1428F	M3 Female by 1/4-28 Female 90° Miniature Elbow Adapter
FEF-M3MX1F	M3 Female by 1/16 inch Female 90° Miniature Elbow Adapter
FEF-M3MX2F	M3 Female by 1/8 inch Female 90° Miniature Elbow Adapter
FEF-M3MX4F	M3 Female by 1/4 inch Female 90° Miniature Elbow Adapter
FEF-M3MX3MM	M3 Female by 3MM Female 90° Miniature Elbow Adapter
FEF-M3MX5MM	M3 Female by 5MM Female 90° Miniature Elbow Adapter
FEF-M3MX6MM	M3 Female by 6MM Female 90° Miniature Elbow Adapter
FEF-M3MX8MM	M3 Female by 8MM Female 90° Miniature Elbow Adapter
FEF-M5MX1032F	M5 Female by 10-32 Female 90° Miniature Elbow Adapter
FEF-M5MX1428F	M5 Female by 1/4-28 Female 90° Miniature Elbow Adapter
FEF-M5MX1F	M5 Female by 1/16 inch Female 90° Miniature Elbow Adapter
FEF-M5MX2F	M5 Female by 1/8 inch Female 90° Miniature Elbow Adapter
FEF-M5MX4F	M5 Female by 1/4 inch Female 90° Miniature Elbow Adapter
FEF-M5MX3MM	M5 Female by 3MM Female 90° Miniature Elbow Adapter
FEF-M5MX5MM	M5 Female by 5MM Female 90° Miniature Elbow Adapter
FEF-M5MX6MM	M5 Female by 6MM Female 90° Miniature Elbow Adapter
FEF-M5MX8MM	M5 Female by 8MM Female 90° Miniature Elbow Adapter
FEF-M6MX1032F	M6 Female by 10-32 Female 90° Miniature Elbow Adapter
FEF-M6MX1428F	M6 Female by 1/4-28 Female 90° Miniature Elbow Adapter
FEF-M6MX1F	M6 Female by 1/16 inch Female 90° Miniature Elbow Adapter



SKU	Description
FEF-M6MX2F	M6 Female by 1/8 inch Female 90° Miniature Elbow Adapter
FEF-M6MX4F	M6 Female by 1/4 inch Female 90° Miniature Elbow Adapter
FEF-M6MX3MM	M6 Female by 3MM Female 90° Miniature Elbow Adapter
FEF-M6MX5MM	M6 Female by 5MM Female 90° Miniature Elbow Adapter
FEF-M6MX6MM	M6 Female by 6MM Female 90° Miniature Elbow Adapter
FEF-M6MX8MM	M6 Female by 8MM Female 90° Miniature Elbow Adapter
FEF-M8MX1032F	M8 Female by 10-32 Female 90° Miniature Elbow Adapter
FEF-M8MX1428F	M8 Female by 1/4-28 Female 90° Miniature Elbow Adapter
FEF-M8MX1F	M8 Female by 1/16 inch Female 90° Miniature Elbow Adapter
FEF-M8MX2F	M8 Female by 1/8 inch Female 90° Miniature Elbow Adapter
FEF-M8MX4F	M8 Female by 1/4 inch Female 90° Miniature Elbow Adapter
FEF-M8MX3MM	M8 Female by 3MM Female 90° Miniature Elbow Adapter
FEF-M8MX5MM	M8 Female by 5MM Female 90° Miniature Elbow Adapter
FEF-M8MX6MM	M8 Female by 6MM Female 90° Miniature Elbow Adapter
FEF-M8MX8MM	M8 Female by 8MM Female 90° Miniature Elbow Adapter

## MEF SERIES



The MEF Series is a Brass male or female-to-female elbow connector. 90° and 45° elbows are available.

SKU	Description
MEF-1032MX1428F	10-32 inch Male UNF by 1/4-28 inch Female 90° Miniature Elbow
MEF-1032MX1F	10-32 inch Male UNF by 1/16 inch FNPT 90° Miniature Elbow
MEF-1032MX2F	10-32 inch Male UNF by 1/8 inch FNPT 90° Miniature Elbow
MEF-1032MX4F	10-32 inch Male UNF by 1/4 inch FNPT 90° Miniature Elbow
MEF-1032MX3MM	10-32 inch Male UNF by 3MM Female 90° Miniature Elbow
MEF-1032MX5MM	10-32 inch Male UNF by 5MM Female 90° Miniature Elbow
MEF-1032MX6MM	10-32 inch Male UNF by 6MM Female 90° Miniature Elbow
MEF-1032MX8MM	10-32 inch Male UNF by 8MM Female 90° Miniature Elbow
MEF-1428MX1032F	1/4-28 inch Male UNF by 10-32 inch Female UNF 90° Miniature Elbow
MEF-1428MF	1/4-28 inch Male UNF by 1/4-28 inch Female UNF 90° Miniature Elbow
MEF-1428MX1F	1/4-28 inch Male UNF by 1/16 inch FNPT 90° Miniature Elbow
MEF-1428MX2F	1/4-28 inch Male UNF by 1/8 inch FNPT 90° Miniature Elbow
MEF-1428MX4F	1/4-28 inch Male UNF by 1/4 inch FNPT 90° Miniature Elbow
MEF-1428MX3MM	1/4-28 inch Male UNF by 3 MM Female 90° Miniature Elbow

SKU	Description
MEF-1428MX5MM	1/4-28 inch Male UNF by 5 MM Female 90° Miniature Elbow
MEF-1428MX6MM	1/4-28 inch Male UNF by 6 MM Female 90° Miniature Elbow
MEF-1428MX8MM	1/4-28 inch Male UNF by 8 MM Female 90° Miniature Elbow
MEF-1MX1032F	1/16 inch MNPT by 10-32 inch Female UNF 90° Miniature Elbow
MEF-1MX1428F	1/16 inch MNPT by 1/4-28 inch Female UNF 90° Miniature Elbow
MEF-1MX1F	1/16 inch MNPT by 1/16 inch FNPT 90° Miniature Elbow
MEF-1MX2F	1/16 inch MNPT by 1/8 inch FNPT 90° Miniature Elbow
MEF-1MX4F	1/16 inch MNPT by 1/4 inch FNPT 90° Miniature Elbow
MEF-1MX3MM	1/16 inch MNPT by 3 MM Female 90° Miniature Elbow
MEF-1MX5MM	1/16 inch MNPT by 5 MM Female 90° Miniature Elbow
MEF-1MX6MM	1/16 inch MNPT by 6 MM Female 90° Miniature Elbow
MEF-1MX8MM	1/16 inch MNPT by 8 MM Female 90° Miniature Elbow
MEF-2MX1032F	1/8 inch MNPT by 10-32 inch Female UNF 90° Miniature Elbow
MEF-2MX1428F	1/8 inch MNPT by 1/4-28 inch Female UNF 90° Miniature Elbow
MEF-2MX1F	1/8 inch MNPT by 1/16 inch FNPT 90° Miniature Elbow
MEF-2MX2F	1/8 inch MNPT by 1/8 inch FNPT 90° Miniature Elbow
MEF-2MX4F	1/8 inch MNPT by 1/4 inch FNPT 90° Miniature Elbow
MEF-2MX3MM	1/8 inch MNPT by 3 MM Female 90° Miniature Elbow
MEF-2MX5MM	1/8 inch MNPT by 5 MM Female 90° Miniature Elbow
MEF-2MX6MM	1/8 inch MNPT by 6 MM Female 90° Miniature Elbow
MEF-2MX8MM	1/8 inch MNPT by 8 MM Female 90° Miniature Elbow
MEF-4MX1032F	1/4 inch MNPT by 10-32 inch Female UNF 90° Miniature Elbow
MEF-4MX1428F	1/4 inch MNPT by 1/4-28 inch Female UNF 90° Miniature Elbow
MEF-4MX1F	1/4 inch MNPT by 1/16 inch FNPT 90° Miniature Elbow
MEF-4MX2F	1/4 inch MNPT by 1/8 inch FNPT 90° Miniature Elbow
MEF-4MX4F	1/4 inch MNPT by 1/4 inch FNPT 90° Miniature Elbow
MEF-4MX3MM	1/4 inch MNPT by 3 MM Female 90° Miniature Elbow
MEF-4MX5MM	1/4 inch MNPT by 5 MM Female 90° Miniature Elbow
MEF-4MX6MM	1/4 inch MNPT by 6 MM Female 90° Miniature Elbow
MEF-4MX8MM	1/4 inch MNPT by 8 MM Female 90° Miniature Elbow
MEF-6MM10F	6 M Male by 10-32 inch Female UNF 90° Miniature Elbow
MEF-M3MX1032F	3M Male by 10-32 Female UNF 90° Miniature Elbow
MEF-M3MX1428F	3M Male by 1/4-28 Female UNF 90° Miniature Elbow
MEF-M3MX1F	3M Male by 1/16 inch FNPT 90° Miniature Elbow
MEF-M3MX2F	3M Male by 1/8 inch FNPT 90° Miniature Elbow
MEF-M3MX4F	3M Male by 1/4 inch FNPT 90° Miniature Elbow
MEF-M3MX3MM	3M Male by 3MM Female 90° Miniature Elbow
MEF-M3MX5MM	3M Male by 5MM Female 90° Miniature Elbow
MEF-M3MX6MM	3M Male by 6MM Female 90° Miniature Elbow
MEF-M3MX8MM	3M Male by 8MM Female 90° Miniature Elbow
MEF-M5MX1032F	5M Male by 10-32 Female UNF 90° Miniature Elbow
MEF-M5MX1428F	5M Male by 1/4-28 Female UNF 90° Miniature Elbow
MEF-M5MX1F	5M Male by 1/16 inch FNPT 90° Miniature Elbow

SKU	Description
MEF-M5MX2F	5M Male by 1/8 inch FNPT 90° Miniature Elbow
MEF-M5MX4F	5M Male by 1/4 inch FNPT 90° Miniature Elbow
MEF-M5MX3MM	5 M Male by 3 MM Female 90° Miniature Elbow
MEF-M5MX5MM	5 M Male by 5 MM Female 90° Miniature Elbow
MEF-M5MX6MM	5 M Male by 6 MM Female 90° Miniature Elbow
MEF-M5MX8MM	5 M Male by 8 MM Female 90° Miniature Elbow
MEF-M6MX1032F	6 M Male by 10-32 inch Female UNF 90° Miniature Elbow
MEF-M6MX1428F	6 M Male by 1/4-28 inch Female UNF 90° Miniature Elbow
MEF-M6MX1F	6 M Male by 1/16 inch FNPT 90° Miniature Elbow
MEF-M6MX2F	6 M Male by 1/8 inch FNPT 90° Miniature Elbow
MEF-M6MX4F	6 M Male by 1/4 inch FNPT 90° Miniature Elbow
MEF-M6MX3MM	6 M Male by 3 MM Female 90° Miniature Elbow
MEF-M6MX5MM	6 M Male by 5 MM Female 90° Miniature Elbow
MEF-M6MX6MM	6 M Male by 6 MM Female 90° Miniature Elbow
MEF-M6MX8MM	6 M Male by 8 MM Female 90° Miniature Elbow
MEF-M8MX1032F	8 M Male by 10-32 Female UNF 90° Miniature Elbow
MEF-M8MX1428F	8 M Male by 1/4-28 Female UNF 90° Miniature Elbow
MEF-M8MX1F	8 M Male by 1/16 inch FNPT 90° Miniature Elbow
MEF-M8MX2F	8 M Male by 1/8 inch FNPT 90° Miniature Elbow
MEF-M8MX4F	8 M Male by 1/4 inch FNPT 90° Miniature Elbow
MEF-M8MX3MM	8 M Male by 3 MM Female 90° Miniature Elbow
MEF-M8MX5MM	8 M Male by 5 MM Female 90° Miniature Elbow
MEF-M8MX6MM	8 M Male by 6 MM Female 90° Miniature Elbow
MEF-M8MX8MM	8 M Male by 8 MM Female 90° Miniature Elbow

## MRB SERIES



The MRB Series is a Brass reducer bushing in Metric, UNF, and NPT thread sizes. Also available in Nickel-Plate. The working pressure for this fitting is 1200 psi and the temperature range is -65° F to 250°F.

SKU	Description
MRB-14M356F	1/4-28 Male by 3-56 Female Brass Reducer Bushing
MRB-14M632F	1/4-28 Male by 6-32 Female Brass Reducer Bushing
MRB-14M832F	1/4-28 Male by 8-32 Female Brass Reducer Bushing
MRB-14M10F	1/4-28 Male by 10-32 Female Brass Reducer Bushing
MRB-1428M10F	1/4-28 Male by 10-32 Female Brass Reducer Bushing
MRB-1M356F	1/16 inch Male by 3-56 Female Brass Reducer Bushing
MRB-1M632F	1/16 inch Male by 6-32 Female Brass Reducer Bushing
MRB-1M832F	1/16 inch Male by 8-32 Female Brass Reducer Bushing
MRB-1M10F	1/16 inch Male by 10-32 Female Brass Reducer Bushing
MRB-1M14F	1/16 inch Male by 1/4-28 Female Brass Reducer Bushing
MRB-2M356F	1/8 inch Male by 3-56 Female Brass Reducer Bushing
MRB-2M632F	1/8 inch Male by 6-32 Female Brass Reducer Bushing
MRB-2M832F	1/8 inch Male by 8-32 Female Brass Reducer Bushing
MRB-2M10F	1/8 inch Male by 10-32 Female Brass Reducer Bushing
MRB-2M14F	1/8 inch Male by 1/4-28 Female Brass Reducer Bushing
MRB-2M1F	1/8 inch Male by 1/16 inch Female Brass Reducer Bushing
MRB-4M356F	1/4 inch Male by 3-56 Female Brass Reducer Bushing
MRB-4M632F	1/4 inch Male by 6-32 Female Brass Reducer Bushing
MRB-4M832F	1/4 inch Male by 8-32 Female Brass Reducer Bushing
MRB-4M10F	1/4 inch Male by 10-32 Female Brass Reducer Bushing
MRB-4M14F	1/4 inch Male by 1/4-28 Female Brass Reducer Bushing
MRB-4M51628F	1/4 inch Male by 5/16-28 Female Brass Reducer Bushing
MRB-4M3824F	1/4 inch Male by 3/8-24 Female Brass Reducer Bushing
MRB-4M1F	1/4 inch Male by 1/16 inch Female Brass Reducer Bushing
MRB-4M2F	1/4 inch Male by 1/8 inch Female Brass Reducer Bushing
MRB-6M10F	3/8 inch Male by 10-32 Female Brass Reducer Bushing
MRB-M5MM3F	M5 Male by M3 Female Brass Reducer Bushing
MRB-M6MM3F	M6 Male by M3 Female Brass Reducer Bushing
MRB-M8M10F	M8 Male by 10-32 Female Brass Reducer Bushing
MRB-M8MM3F	M8 Male by M3 Female Brass Reducer Bushing
MRB-M8MM5F	M8 Male by M5 Female Brass Reducer Bushing
MRB-2M1032F	1/8 inch Male by 10-32 Female Brass Reducer Bushing
MRB-2M1F	1/8 inch Male by 1/16 inch Female Brass Reducer Bushing
MRB-4M1032F	1/4 inch Male by 10-32 Female Brass Reducer Bushing

SKU	Description
MRB-4M1F	1/4 inch Male by 1/16 inch Female Brass Reducer Bushing
MRB-4M2F	1/4 inch Male by 1/8 inch Female Brass Reducer Bushing
MRB-6M1032F	3/8 inch Male by 10-32 Female Brass Reducer Bushing
MRB-6M1F	3/8 inch Male by 1/16 inch Female Brass Reducer Bushing
MRB-6M2F	3/8 inch Male by 1/8 inch Female Brass Reducer Bushing
MRB-6M4F	3/8 inch Male by 1/4 inch Female Brass Reducer Bushing
MRB-8M1032F	1/2 inch Male by 10-32 Female Brass Reducer Bushing
MRB-8M1F	1/2 inch Male by 1/16 inch Female Brass Reducer Bushing
MRB-8M2F	1/2 inch Male by 1/8 inch Female Brass Reducer Bushing
MRB-8M4F	1/2 inch Male by 1/4 inch Female Brass Reducer Bushing
MRB-8M6F	1/2 inch Male by 3/8 inch Female Brass Reducer Bushing



## BC SERIES

The BC Series are miniature Brass pipe fittings with various configurations of 10-32 inch UNF and 1/4-28 inch UNF male and female threads. These block fittings can be either female-to-female or male-to-female configurations of elbows, crosses, or tees.

SKU	Description
BC-FE-10	10-32 inch Female UNF by 10-32 inch Female UNF Block Elbow Connector
BC-FT-10	10-32 inch Female UNF by 10-32 inch Female UNF Block Tee Connector
BC-FT-14	1/4-28 inch Female UNF by 1/4-28 inch Female UNF Block Tee Connector
BC-FX-10	10-32 inch Female UNF by 10-32 inch Female UNF by 10-32 inch Female UNF Block Cross Connector
BC-MFE-10	10-32 inch Male UNF by 10-32 inch Female UNF Block Elbow Connector
BC-MFT-10	10-32 inch Male UNF by 10-32 inch Female UNF Block Tee Connector
BC-MFT-14	1/4-28 inch Male UNF by 1/4-28 inch Female UNF Block Tee Connector
BC-MFX-10	10-32 inch Male UNF by 10-32 inch Female UNF Block Cross Connector
BC-MFEA	10-32 inch Male UNF by 10-32 inch Female UNF Block Straight Connector



## BI SERIES

The BI Series are Brass or 303 Stainless Steel bite-style barb inserts for manifold applications. Available in 1/16 inch, .078 inch, 3/32 inch, 1/8 inch, 5/32 inch, 3/16 inch, 1/4 inch, 5/16 inch, and 3/8 inch.

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SKU	Description
BI-78B	0.078 Barbed Insert
BI-332B	3/32 inch Barbed Insert
BI-1B	1/16 inch Barbed Insert
BI-532B	5/32 inch Barbed Insert
BI-2B	1/8 inch Barbed Insert
BI-3B	3/16 inch Barbed Insert
BI-4B	1/4 inch Barbed Insert
BI-5B	5/16 inch Barbed Insert
BI-6B	3/8 inch Barbed Insert



## MHN SERIES

The MHN Series a miniature Brass threaded hex nipple. Available sizes range from 1/8 inch to 8 MM in any configuration. Some sizes are available in Nickel-Plated Brass.

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SKU	Description
MHN-1032	10-32 by 10-32 Brass Hex Nipple
MHN-1428	1/4-28 by 1/4-28 Brass Hex Nipple
MHN-1MM	M1 by M1 Brass Hex Nipple
MHN-2MM	M2 by M2 Brass Hex Nipple
MHN-3MM	M3 by M3 Brass Hex Nipple
MHN-5MM	M5 by M5 Brass Hex Nipple
MHN-6MM	M6 by M6 Brass Hex Nipple