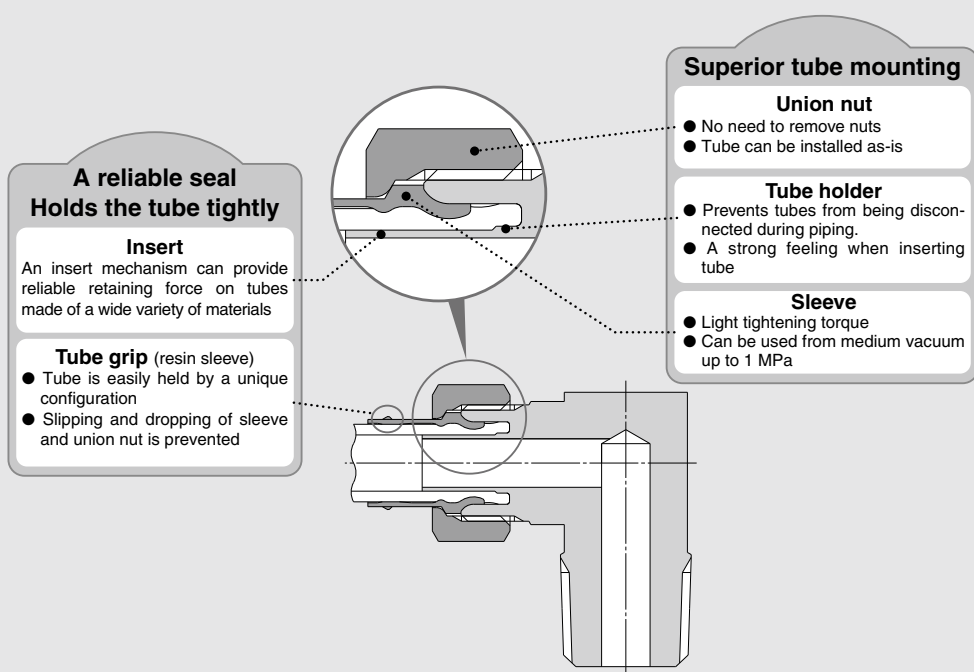


Insert Fittings

Series KF



- Material / Body, Union nut: Brass
Sleeve: Resin or Brass
- Maximum operating temperature / **150°C** (Brass sleeve)
60°C (Resin sleeve)
- Applicable tubing material /
FEP • PFA • Modified PTFE • Nylon
Soft nylon • Polyurethane
Polyolefin • Soft polyolefin
- Can be used with steam. (For brass sleeve)
- Grease-free



KQ2

KQB2

KS
KX

KM

KF

M

H/DL
L/LL

KC

KK

KK130

DM

KDM

KB

KR

KA

KQG2

KG

KFG2

MS

KKA

KP

LQ

MQR

T

Male Connector

Use to connect tubes in the same direction from female thread. Most general type.

Applicable tubing size (mm)		Connection thread	Model	
O.D.	I.D.		Resin sleeve	Brass sleeve
ø4	ø2.5	R1/8	KFH04-01S	KFH04B-01S
		R1/4	KFH04-02S	KFH04B-02S
ø6	ø4	R1/8	KFH06-01S	KFH06B-01S
		R1/4	KFH06-02S	KFH06B-02S
		R3/8	KFH06-03S	KFH06B-03S
ø8	ø5	R1/8	KFH08U-01S	—
		R1/4	KFH08U-02S	—
		R3/8	KFH08U-03S	—
ø10	ø6.5	R1/8	KFH08N-01S	KFH08B-01S
		R1/4	KFH08N-02S	KFH08B-02S
		R3/8	KFH08N-03S	KFH08B-03S
ø12	ø7.5	R1/4	KFH10U-02S	—
		R3/8	KFH10U-03S	—
		R1/2	KFH10U-04S	—
ø10	ø7.5	R1/4	KFH10N-02S	KFH10B-02S
		R3/8	KFH10N-03S	KFH10B-03S
		R1/2	KFH10N-04S	KFH10B-04S
ø12	ø8	R1/4	KFH12U-02S	—
		R3/8	KFH12U-03S	—
		R1/2	KFH12U-04S	—
ø12	ø9	R1/4	KFH12N-02S	KFH12B-02S
		R3/8	KFH12N-03S	KFH12B-03S
		R1/2	KFH12N-04S	KFH12B-04S



Branch Tee

Use to branch line from female thread in both 90° directions.

Applicable tubing size (mm)		Connection thread	Model	
O.D.	I.D.		Resin sleeve	Brass sleeve
ø4	ø2.5	R1/8	KFT04-01S	KFT04B-01S
		R1/4	KFT04-02S	KFT04B-02S
ø6	ø4	R1/8	KFT06-01S	KFT06B-01S
		R1/4	KFT06-02S	KFT06B-02S
		R3/8	KFT06-03S	KFT06B-03S
ø8	ø5	R1/8	KFT08U-01S	—
		R1/4	KFT08U-02S	—
		R3/8	KFT08U-03S	—
ø10	ø6.5	R1/8	KFT08N-01S	KFT08B-01S
		R1/4	KFT08N-02S	KFT08B-02S
		R3/8	KFT08N-03S	KFT08B-03S
ø12	ø7.5	R1/4	KFT10U-02S	—
		R3/8	KFT10U-03S	—
		R1/2	KFT10U-04S	—
ø10	ø7.5	R1/4	KFT10N-02S	KFT10B-02S
		R3/8	KFT10N-03S	KFT10B-03S
		R1/2	KFT10N-04S	KFT10B-04S
ø12	ø8	R1/4	KFT12U-02S	—
		R3/8	KFT12U-03S	—
		R1/2	KFT12U-04S	—
ø12	ø9	R1/4	KFT12N-02S	KFT12B-02S
		R3/8	KFT12N-03S	KFT12B-03S
		R1/2	KFT12N-04S	KFT12B-04S



Male Elbow

Use to pipe at right angles to female thread. Most general type.

Applicable tubing size (mm)		Connection thread	Model	
O.D.	I.D.		Resin sleeve	Brass sleeve
ø4	ø2.5	R1/8	KFL04-01S	KFL04B-01S
		R1/4	KFL04-02S	KFL04B-02S
ø6	ø4	R1/8	KFL06-01S	KFL06B-01S
		R1/4	KFL06-02S	KFL06B-02S
		R3/8	KFL06-03S	KFL06B-03S
ø8	ø5	R1/8	KFL08U-01S	—
		R1/4	KFL08U-02S	—
		R3/8	KFL08U-03S	—
ø10	ø6.5	R1/8	KFL08N-01S	KFL08B-01S
		R1/4	KFL08N-02S	KFL08B-02S
		R3/8	KFL08N-03S	KFL08B-03S
ø12	ø7.5	R1/4	KFL10U-02S	—
		R3/8	KFL10U-03S	—
		R1/2	KFL10U-04S	—
ø10	ø7.5	R1/4	KFL10N-02S	KFL10B-02S
		R3/8	KFL10N-03S	KFL10B-03S
		R1/2	KFL10N-04S	KFL10B-04S
ø12	ø8	R1/4	KFL12U-02S	—
		R3/8	KFL12U-03S	—
		R1/2	KFL12U-04S	—
ø12	ø9	R1/4	KFL12N-02S	KFL12B-02S
		R3/8	KFL12N-03S	KFL12B-03S
		R1/2	KFL12N-04S	KFL12B-04S



Male Run Tee

Use to branch line in the same direction from female thread and in 90° direction.

Applicable tubing size (mm)		Connection thread	Model	
O.D.	I.D.		Resin sleeve	Brass sleeve
ø4	ø2.5	R1/8	KFY04-01S	KFY04B-01S
		R1/4	KFY04-02S	KFY04B-02S
ø6	ø4	R1/8	KFY06-01S	KFY06B-01S
		R1/4	KFY06-02S	KFY06B-02S
		R3/8	KFY06-03S	KFY06B-03S
ø8	ø5	R1/8	KFY08U-01S	—
		R1/4	KFY08U-02S	—
		R3/8	KFY08U-03S	—
ø10	ø6.5	R1/8	KFY08N-01S	KFY08B-01S
		R1/4	KFY08N-02S	KFY08B-02S
		R3/8	KFY08N-03S	KFY08B-03S
ø12	ø7.5	R1/4	KFY10U-02S	—
		R3/8	KFY10U-03S	—
		R1/2	KFY10U-04S	—
ø10	ø7.5	R1/4	KFY10N-02S	KFY10B-02S
		R3/8	KFY10N-03S	KFY10B-03S
		R1/2	KFY10N-04S	KFY10B-04S
ø12	ø8	R1/4	KFY12U-02S	—
		R3/8	KFY12U-03S	—
		R1/2	KFY12U-04S	—
ø12	ø9	R1/4	KFY12N-02S	KFY12B-02S
		R3/8	KFY12N-03S	KFY12B-03S
		R1/2	KFY12N-04S	KFY12B-04S



Female Union

Use to pipe from male thread such as pressure gauge.

Applicable tubing size (mm)		Connection thread	Model	
O.D.	I.D.		Resin sleeve	Brass sleeve
ø4	ø2.5	R1/4	KFF04-02	KFF04B-02
		R1/4	KFF06-02	KFF06B-02
ø6	ø4	R3/8	KFF06-03	KFF06B-03
		R3/8	KFF08U-02	—
ø8	ø6	R1/4	KFF08N-02	KFF08B-02
		R1/4	KFF10U-02	—
ø10	ø7.5	R1/4	KFF10N-02	KFF10B-02
		R1/4	KFF12U-02	—
ø12	ø9	R1/4	KFF12N-02	KFF12B-02



Bulkhead Connector

Use to connect male thread and tube through a panel.

Applicable tubing size (mm)		Connection thread	Model	
O.D.	I.D.		Resin sleeve	Brass sleeve
ø6	ø4	R1/4	KFE06-02	KFE06B-02
		R3/8	KFE08U-03	—
ø8	ø6	R3/8	KFE08N-03	KFE08B-03
		R3/8	KFE10U-03	—
ø10	ø7.5	R3/8	KFE10N-03	KFE10B-03
		R3/8	KFE12U-03	—
ø12	ø9	R3/8	KFE12N-03	KFE12B-03

