



# Engineered Solutions for leak-free Industrial Performance

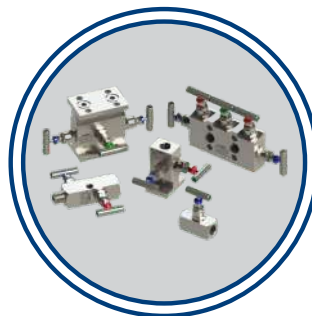
COMFIT



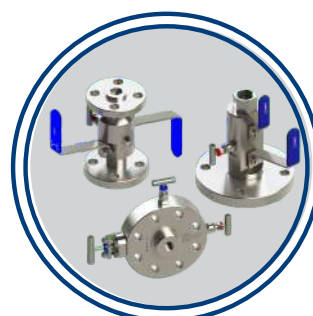
## Tube Fittings



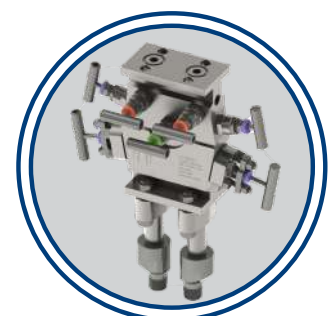
PIPE FITTING



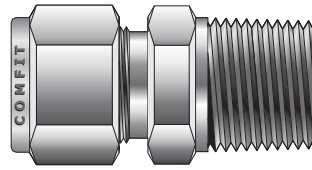
MANIFOLD VALVES



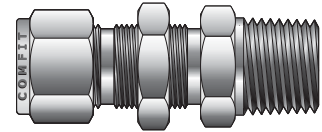
DBB VALVES



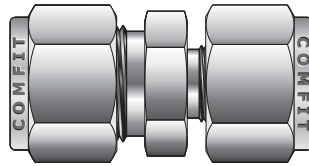
PRE-FAB HOOK UP



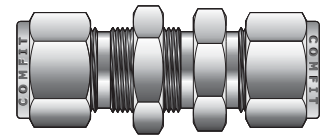
MALE CONNECTOR



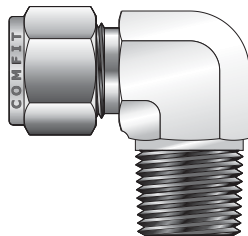
BULKHEAD MALE CONNECTOR



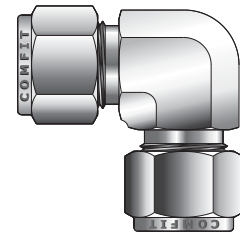
UNION



BULKHEAD UNION



MALE ELBOW



UNION ELBOW

- Available in tube sizes from, in fraction 1/16" to 1" & in metric 2mm to 25 mm.
- Consistent gaugeability upon initial make-up.
- Easy to disconnect and retighten.
- Wide variety of materials and configurations.
- Provide a reliable, leak-proof connection in instrumentation & process tubing systems.

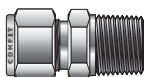


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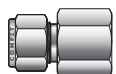
## Straight Fittings

### Male Connectors - CMC



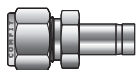
- FT x NPT.....pg.6
- MT x NPT.....pg.6
- FT x NPT.....pg.7 (Bore Through)
- FT x ISOP (RS).....pg.7
- MT x ISOP (RS).....pg.8
- FT x NPT.....pg.8 (Bulkhead Male Connector)
- MT x NPT.....pg.8 (Bulkhead Male Connector)

### Female Connectors-CFC



- FT x NPT.....pg.9
- MT x NPT.....pg.9
- FT x NPT.....pg.10 (Bulkhead Female connector)
- MT x NPT.....pg.10 (Bulkhead Female connector)

### Reducer - CR



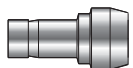
- FT x FT Stub..... pg.10
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### Port Connector - CPC



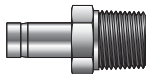
- Two FT Stub..... pg.11
- Two MT Stub..... pg.11

### Reducer Port Connector - CRPC



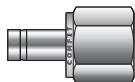
- Two FT Stub..... pg.11
- Two MT Stub..... pg.12

### Male Adapters - CMA



- FT Stub x NPT.....pg.12

### Female Adapter CFA



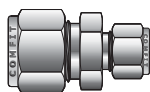
- FT Stub x NPT.....pg.12

### Unions-CU



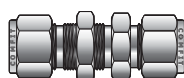
- FT x FT.....pg.13
- MT x MT.....pg.13

### Reducer Unions-CRU



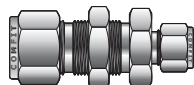
- FT x FT.....pg.13
- MT x MT.....pg.13

### Bulkhead Unions-CBU



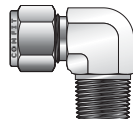
- FT x FT.....pg.13
- MT x MT.....pg.14

### Bulkhead Reducer Unions-CBRU



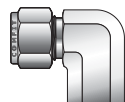
- FT x FT.....pg.14
- MT x MT.....pg.14

### Male Elbows-CME



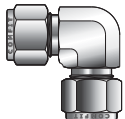
- FT x NPT.....pg.14
- MT x NPT.....pg.15

### Female Elbows-CFE



- FT x NPT.....pg.15
- MT x NPT.....pg.15

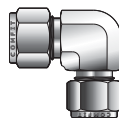
### Union Elbows-CUE



- FT x FT.....pg.16
- MT x MT.....pg.16

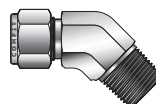
## 45° Elbow Fittings

### Reducer Union Elbows - CRUE



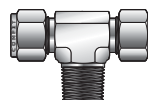
- FT x FT.....pg.16

### 45° Male Elbows-C45ME



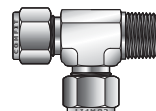
- FT x NPT.....pg.16
- MT x NPT.....pg.16

### Male Branch Tees - CMBT



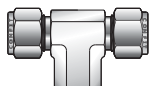
- FT x NPT.....pg.17
- MT x NPT.....pg.17

### Male Run Tees-CMRT



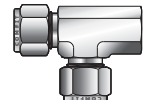
- FT x NPT.....pg.17
- MT x NPT.....pg.17

### Female Branch Tees-CFBT



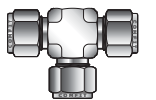
- FT x NPT.....pg.18
- MT x NPT.....pg.18

### Female Run Tees-CFRT



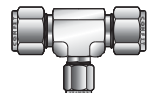
- FT x NPT.....pg.18
- MT x NPT.....pg.18

### Union Tees-CUT



- FT x FT.....pg.18
- MT x MT.....pg.19

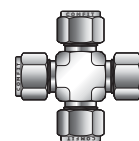
### Reducer Union Tees-CRUT



- FT x FT x FT.....pg.19

## Cross Fittings

### Union Cross-CUC



- FT x FT.....pg.19
- MT x MT.....pg.19

## Components

### Double Ferrules - Front Ferrule CFF



- FT.....pg.20
- MT.....pg.20

### Back Ferrules - CBF



- FT.....pg.20
- MT.....pg.20

### Single Ferrules



- FT.....pg.20
- MT.....pg.20

### Nuts-CN



- FT.....pg.20
- MT.....pg.20

### Tube Caps - CTC



- FT.....pg.21
- MT.....pg.21

### Tube Plugs - CTP



- FT.....pg.21
- MT.....pg.21



## Proper Tube selection

- Always match same materials of Tube & its Fitting :- i.e SS Tubing Should only used with SS Fittings, Except for the Coper Tubing with brass Fitting
- Select Proper Tubing hardness :- Comfit Instrumentation Tube Fitting are Design To work for hardness 85 HRB max
- Select proper tubing wall thickness:- Wall thickness should always be checked against our table no. 1 to 2 for minimum and maximum wall thickness limitations
- Tubing Surfaced Finish :- Tubing should be always free from draw marks & surface scratches
- Negative tolerance for the tube should be zero.

## Proper Tube preparation

- Tubing cutters are more commonly utilized on softer tubing such as copper, aluminum or even `soft' Steel tubing. If a tube cutter is utilized with stainless steel tubing, remember that a special cutting wheel, designed for use with stainless steel tubing should be employed. The use of dull or improper cutting wheels can work harden the cut area. This can adversely affect the fittings sealing ability.
- Cutting with a Hacksaw : When using a hacksaw to cut off tubing. It is essential to use a guide to assure square cutoffs. Further, to minimize the residual burrs, a hacksaw blade of 32 teeth per inch minimum is suggested.
- The burrs formed by either the tube cutter or hacksaw must be removed prior to assembly to prevent those burrs from eventually damaging the system. O.D. burrs can prevent tubing from seating properly in a fitting body. I.D. burrs can restrict flow, as well as possibly break loose and damage fine filtration elements. Note: Do not over deburr the O.D. of tubing.

After you deburr the tubing, it is essential to remove burrs from the tubing line. This can be accomplished by:

- Flushing with solvent or low pressure compressed air.
- Swab with lint-free cloth.

## Maximum allowable working pressure table

Table 1

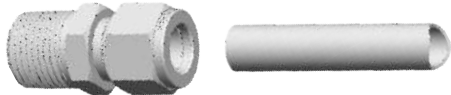
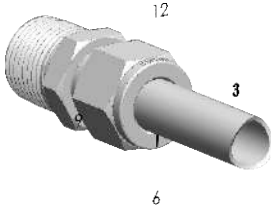
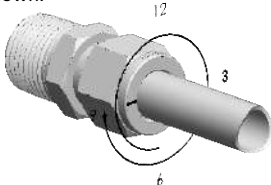
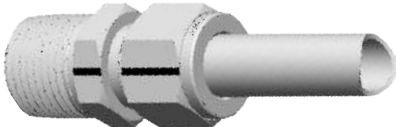
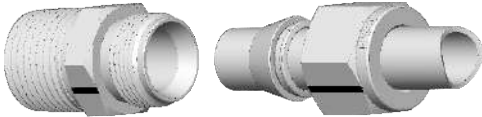
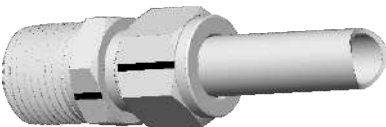
316 or 304 STAINLESS STEEL (seamless)																
Size (Inch)	WALL THICKNESS															
	.010	.012	.014	.016	.020	.028	.035	.049	.065	.083	.095	.109	.120	.134	.156	.188
1/16"	5600	6900	8200	9500	12100	16800										
1/8"						8600	10900									
3/16"						5500	7000	10300								
1/4"						4000	5100	7500	10300							
5/16"							4100	5900	8100							
3/8"							3300	4800	6600							
1/2"							2600	3700	5100	6700						
5/8"								3000	4000	5200	6100					
3/4"								2400	3300	4300	5000	5800				
7/8"								2100	2800	3600	4200	4900				
1"									2400	3200	3700	4200	4700			
1-1/4"										3500	2900	3300	3700	4100	4900	
1-1/2"											2400	2700	3000	3400	4000	4500
2"												2000	2200	2500	2900	3200

Table 2

316 or 304 STAINLESS STEEL (seamless)																
Size (Inch)	WALL THICKNESS															
	.010	.012	.014	.016	.020	.028	.035	.049	.065	.083	.095	.109	.120	.134	.156	.188
1/16"	4800	5900	7000	8100	10300	14300										
1/8"						7300	9300									
3/16"						4700	6000	8700								
1/4"						3400	4400	6400	8700							
5/16"							3400	5000	6900							
3/8"							2800	4100	5600							
1/2"							2200	3200	4300	5700						
5/8"								2500	3400	4500	5200					
3/4"								2100	2800	3700	4200	4900				
7/8"								1800	2400	3100	3600	4200				
1"									2100	2700	3100	3600	4000			
1-1/4"										2100	2400	2800	3100	3500	4200	
1-1/2"											2000	2300	2600	2900	3400	4200
2"												1700	1900	2100	2500	3000

## COMFIT MAKE TUBE FITTINGS INSTALLATION INSTRUCTION

Comfit make tube fittings can be assembled and reassembled many times without affecting the functions and efficiency of the joints. Following is the step by step demonstration of the same.

Assembly Instructions	Re-assembly Instructions
 <p>1) Insert the tube in comfit fitting till the face of tube in the fitting body as shown.</p>  <p>2) Tighten nut finger tight and scribe the nut at 6 o'clock position as shown. For <b>high pressure application</b> and to consider <b>high safety factor</b> tighten the nut until the tube does not turn by hand or move axially in fitting and then mark the nut at 6 O'clock position as shown.</p>  <p>3) Hold fitting body steady, tighten the nut 1-1/4 turn from finger tight for fitting size in fraction 1/4" to 1" in Metric 6MM to 25MM and 3/4 turn from finger tight for fitting size in Fraction 1/16" to 3/16" in Matric 2MM to 4MM</p> <p>4) Never turn the fitting body. Instead, hold the fitting body and turn the nut.</p>	 <p>1) Prior to dis assembly mark a line along the nut and fitting body flats as shown. Make sure that the fitting body and tube assembly are free from contamination or damages.</p>  <p>2) Insert the tube assembly into the fitting body until the front ferrule seats firmly. Assemble the tube and nut to finger tight position.</p>  <p>3) Rotate the nut till previously marked position is reached. Further the nut should be rotated until signification rise in torque is felt to ensure the assembly is positively sealed.</p>

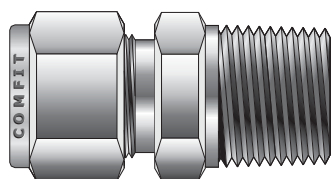
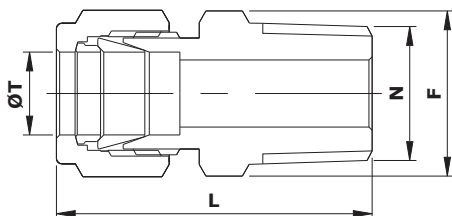
1. Appropriate Selection of Tubing as well as the tubing material is very much necessary. Tubing must be always free from pattern marks, scratches etc. On the surface. Negative tolerance of the tubing need to be avoided. Tube face need to be free from any burr formation as a result of pipe cutters or hacksaw.

2. A Proper swaging depends upon the Size, hardness and thickness of the tube while maintaining appropriate torque as well. We here by demonstrate some of these values performed at comfit for your better understanding. Swaging shall be perform relating to these values.

Tube OD(inch/mm)	Tube Thickness(mm)	Tube Hardness ( HRB)	Minimum Expected Torque (Nm)
1/4" / 6 mm	0.88	68 to 75	20
	1.65		25
3/8" / 10 mm	0.88	68 to 75	33
	1.65		36
1/2" / 12 mm	1.24	68 to 75	60
	1.65		75
3/4" / 20 mm	1.24	68 to 75	130
	1.65		160
1" / 25 mm	1.65	68 to 75	250
	2.42		280

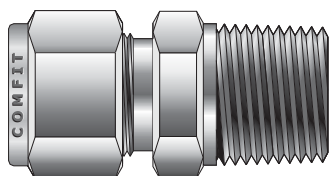
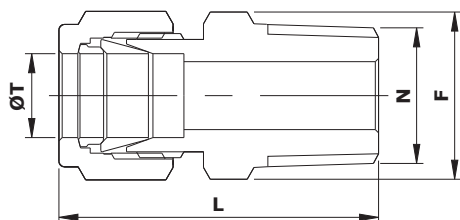
**HOWEVER COMFIT ALWAYS SUGGEST SWAGING TO BE PERFORMED BY ATTAINING WHOLE 1-1/4 TURN OF THE NUT FOR TUBE SIZE 1/4" TO 1" AND 6MM TO 25MM WHERE AS 3/4 TURN OF NUT FOR TUBE SIZE 1/16" TO 3/16" AND 2MM TO 4MM IRRESPECTIVE OF THE TUBE THICKNESS AND HARDNESS.**

## MALE CONNECTOR.....FT X NPT (M)



PRODUCT CODE	TUBE OD Inch. (ØT)	PIPE SIZE NPT (M) Inch (ØN)	HEX. SIZE MM (F)	LENGTH MM (L)
2-CMCD-2N	1/8	1/8	11.0	30.9
2-CMCD-4N		1/4	14.3	36.6
2-CMCD-6N		3/8	17.5	36.6
4-CMCD-2N	1/4	1/8	12.7	32.5
4-CMCD-4N		1/4	14.3	38.2
4-CMCD-6N		3/8	17.5	38.0
4-CMCD-8N	5/16	1/2	22.0	44.1
5-CMCD-4N		1/4	14.3	39.6
5-CMCD-6N		3/8	17.5	39.6
5-CMCD-8N	3/8	1/2	22.0	45.5
6-CMCD-4N		1/4	16.0	39.6
6-CMCD-6N		3/8	17.5	39.6
6-CMCD-8N	1/2	1/2	22.0	45.5
6-CMCD-12N		3/4	27.0	46.5
8-CMCD-4N		1/4	22.0	43.9
8-CMCD-6N	3/4	3/8	22.0	43.9
8-CMCD-8N		1/2	22.0	48.8
8-CMCD-12N		3/4	27.0	49.8
8-CMCD-16N	5/8	1	36.0	56.7
10-CMCD-4N		1/4	25.4	44.8
10-CMCD-6N		3/8	25.4	44.8
10-CMCD-8N	3/4	1/2	25.4	49.7
12-CMCD-4N		1/4	27.0	44.5
12-CMCD-6N		3/8	27.0	44.5
12-CMCD-8N	1/0	1/2	27.0	49.4
12-CMCD-12N		3/4	27.5	49.4
12-CMCD-16N		1	36.0	56.3
16-CMCD-6N	1/0	3/8	36.0	52.9
16-CMCD-8N		1/2	36.0	57.8
16-CMCD-12N		3/4	36.0	57.8
16-CMCD-16N	1	36.0	62.7	

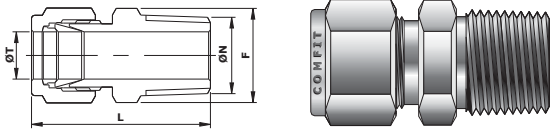
## MALE CONNECTOR\_\_MT X NPT(M)



PRODUCT CODE	TUBE OD MM. (ØT)	PIPE SIZE NPT (M) Inch (ØN)	HEX. SIZE MM (F)	LENGTH MM (L)
3M-CMCD-2N	3.0	1/8	11.0	31.2
3M-CMCD-4N		1/4	14.3	36.9
3M-CMCD-6N		3/8	17.5	36.9
4M-CMCD-2N	4.0	1/8	11.0	32.1
4M-CMCD-4N		1/4	14.3	37.8
4M-CMCD-6N		3/8	17.5	37.8
6M-CMCD-4N	6.0	1/4	14.3	38.8
6M-CMCD-6N		3/8	17.5	38.8
6M-CMCD-8N		1/2	22.0	44.7
8M-CMCD-4N	8.0	1/4	14.3	40.1
8M-CMCD-6N		3/8	17.5	40.1
8M-CMCD-8N		1/2	22.0	46.0
10M-CMCD-4N	10.0	1/4	16.0	40.7
10M-CMCD-6N		3/8	17.5	40.7
10M-CMCD-8N		1/2	22.0	46.6
10M-CMCD-12N	12.0	3/4	27.0	47.6
12M-CMCD-4N		1/4	22.0	44.4
12M-CMCD-6N		3/8	22.0	44.4
12M-CMCD-8N	14.0	1/2	22.0	49.3
12M-CMCD-12N		3/4	27.0	50.3
14M-CMCD-6N		3/8	25.4	45.3
14M-CMCD-8N	15.0	1/2	25.4	50.2
14M-CMCD-12N		3/4	27.0	50.2
15M-CMCD-6N		3/8	25.4	45.3
15M-CMCD-8N	16.0	1/2	25.4	50.2
15M-CMCD-12N		3/4	27.0	50.2
16M-CMCD-8N		1/2	25.4	50.2
16M-CMCD-12N	18.0	3/4	27.0	50.2
16M-CMCD-16N		1	36.0	57.1
18M-CMCD-8N		1/2	27.0	50.3
18M-CMCD-12N	20.0	3/4	27.0	50.3
18M-CMCD-16N		1	36.0	57.2
20M-CMCD-8N		1/2	30.0	52.0
20M-CMCD-12N	22.0	3/4	30.0	52.0
20M-CMCD-16N		1	36.0	57.9
22M-CMCD-8N		1/2	30.0	52.0
22M-CMCD-12N	25.0	3/4	30.0	52.0
22M-CMCD-16N		1	36.0	57.9
25M-CMCD-8N		1/2	36.0	58.3
25M-CMCD-12N	25.0	3/4	36.0	58.3
25M-CMCD-16N		1	36.0	63.2

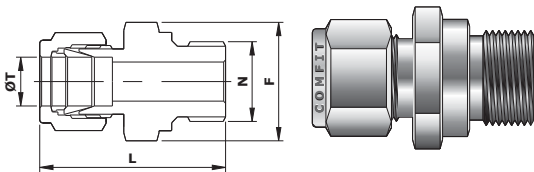
DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

**THERMOCOUPLE CONNECTOR  
(FOR BORED-THROUGH FITTING) \_\_FT X NPT(M)**



PRODUCT CODE	TUBE OD Inch. (ØT)	PIPE SIZE NPT (M) Inch (ØN)	HEX. SIZE MM (F)	LENGTH MM (L)
4-CMCBTD-4N	1/4	1/4	14.3	38.2
4-CMCBTD-6N		3/8	17.5	38.2
4-CMCBTD-8N		1/2	22.0	44.1
6-CMCBTD-6N	3/8	3/8	17.5	39.6
6-CMCBTD-8N		1/2	22.0	45.5
6-CMCBTD-12N		3/4	27.0	46.5
8-CMCBTD-8N	1/2	1/2	22.0	48.8
8-CMCBTD-12N		3/4	27.0	49.8
8-CMCBTD-16N		1	36.0	56.7
12-CMCBTD-8N	3/4	1/2	27.0	49.4
12-CMCBTD-12N		3/4	27.0	49.4
12-CMCBTD-16N		1	36.0	56.3
16-CMCBTD-12N	1	3/4	36.0	57.8
16-CMCBTD-16N		1	36.0	62.7

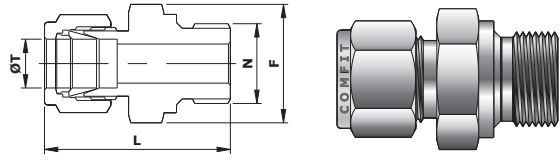
**Male Connector-RS \_\_FT x ISOP(M)**



PRODUCT CODE	TUBE OD Inch. (ØT)	PIPE SIZE NPT (M) Inch (ØN)	HEX. SIZE MM (F)	LENGTH MM (L)
4-CMCD-4RS	1/4	1/4	19.0	36.5
4-CMCD-6RS		3/8	22.0	37.5
4-CMCD-8RS		1/2	27.0	41.0
6-CMCD-4RS	3/8	1/4	19.0	37.9
6-CMCD-6RS		3/8	22.0	38.9
6-CMCD-8RS		1/2	27.0	42.4
8-CMCD-4RS	1/2	1/4	22.0	41.7
8-CMCD-6RS		3/8	22.0	42.2
8-CMCD-8RS		1/2	27.0	45.7
8-CMCD-12RS	3/4	3/4	36.0	47.7
12-CMCD-4RS		1/4	27.0	42.3
12-CMCD-6RS		3/8	27.0	42.8
12-CMCD-8RS	1	1/2	27.0	45.3
12-CMCD-12RS		3/4	36.0	47.3
16-CMCD-8RS		1/2	36.0	53.7
16-CMCD-12RS	3/4	3/4	36.0	53.7
16-CMCD-16RS		1	41.3	61.7



**MALE CONNECTOR-RS\_MT X ISOP(M)**

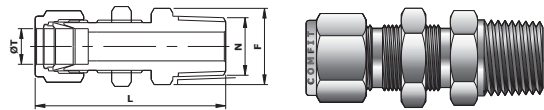


- 1) RS parallel threads are commonly used with flat RS gasket, please refer page no. 29
- 2) RP gasket can also be used for RS fittings.

PRODUCT CODE	TUBE OD MM. (ØT)	PIPE SIZE BSPP (M) Inch. (ØN)	HEX. SIZE MM (F)	LENGTH MM (L)
3M-CMCD-2RS	3.0	1/8	14.3	32.2
3M-CMCD-4RS		1/4	19.0	35.2
3M-CMCD-6RS		3/8	22.0	36.2
4M-CMCD-2RS	4.0	1/8	14.3	33.1
4M-CMCD-4RS		1/4	19.0	36.1
4M-CMCD-6RS		3/8	22.0	37.1
6M-CMCD-4RS	6.0	1/4	19.0	37.1
6M-CMCD-6RS		3/8	22.0	38.1
6M-CMCD-8RS		1/2	27.0	41.6
8M-CMCD-4RS	8.0	1/4	19.0	38.4
8M-CMCD-6RS		3/8	22.0	39.4
8M-CMCD-8RS		1/2	27.0	42.9
10M-CMCD-4RS	10.0	1/4	19.0	39.0
10M-CMCD-6RS		3/8	22.0	40.0
10M-CMCD-8RS		1/2	27.0	43.5
12M-CMCD-4RS	12.0	1/4	22.0	42.2
12M-CMCD-6RS		3/8	22.0	42.7
12M-CMCD-8RS		1/2	27.0	46.2
12M-CMCD-12RS	14.0	3/4	36.0	48.2
14M-CMCD-6RS		3/8	25.4	43.6
14M-CMCD-8RS		1/2	27.0	46.1
14M-CMCD-12RS	15.0	3/4	36.0	48.1
15M-CMCD-6RS		3/8	25.4	43.6
15M-CMCD-8RS		1/2	27.0	46.1
15M-CMCD-12RS	16.0	3/4	36.0	48.1
16M-CMCD-8RS		1/2	27.0	46.1
16M-CMCD-12RS		3/4	36.0	48.1
16M-CMCD-16RS	18.0	1	41.3	56.1
18M-CMCD-8RS		1/2	27.0	46.2
18M-CMCD-12RS		3/4	36.0	48.2
18M-CMCD-16RS	20.0	1	41.3	56.2
20M-CMCD-8RS		1/2	30.0	47.9
20M-CMCD-12RS		3/4	36.0	48.9
20M-CMCD-16RS	22.0	1	41.3	56.9
22M-CMCD-8RS		1/2	30.0	47.9
22M-CMCD-12RS		3/4	36.0	48.9
22M-CMCD-16RS	25.0	1	41.3	56.9
25M-CMCD-8RS		1/2	36.0	54.2
25M-CMCD-12RS		3/4	36.0	54.2
25M-CMCD-16RS	1	41.3	62.2	

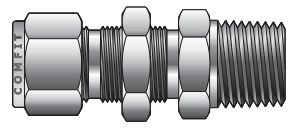
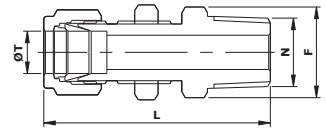
**BULKHEAD MALE CONNECTOR\_FT X NPT(M)**

PRODUCT CODE	TUBE OD INCH (ØT)	PIPE SIZE NPT (M) Inch. (ØN)	HEX. SIZE MM (F)	LENGTH MM (L)
2-CBMCD-2N	1.8	1/8	12.7	46.5
4-CBMCD-4N	1/4	1/4	16.0	54.1
4-CBMCD-6N		3/8	17.5	54.1
4-CBMCD-8N	5/16	1/2	22.0	60.0
5-CBMCD-6N		3/8	17.5	56.1
5-CBMCD-8N	3/8	1/2	22.0	62.0
6-CBMCD-4N		1/4	19.0	57.6
6-CBMCD-6N	1/2	3/8	19.0	57.6
6-CBMCD-8N		1/2	22.0	63.0
8-CBMCD-6N	3/4	3/8	25.4	64.6
8-CBMCD-8N		1/2	25.4	69.5
8-CBMCD-12N	5/8	3/4	27.0	69.5
10-CBMCD-6N		3/8	17.5	63.3
10-CBMCD-8N	3/4	1/2	22.0	69.2
12-CBMCD-8N		1/2	22.0	73.7
12-CBMCD-12N	1	3/4	27.0	74.7
12-CBMCD-16N		1	36.0	81.6
16-CBMCD-12N	1	3/4	27.0	84.8
16-CBMCD-16N		1	36.0	91.7



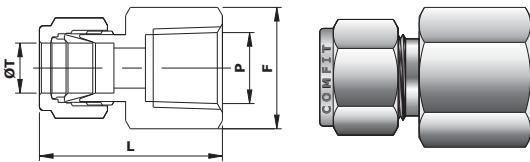
**Bulkhead Male Connector\_\_MT x NPT(M)**

PRODUCT CODE	TUBE OD MM. (ØT)	PIPE SIZE NPT (M) Inch. (ØN)	HEX. SIZE MM (F)	LENGTH MM (L)
3M-CBMCD-2N	3	1/8	12.7	46.3
4M-CBMCD-2N	4	1/8	12.7	48.0
4M-CBMCD-4N		1/4	14.3	53.7
6M-CBMCD-4N	6	1/4	14.3	54.2
6M-CBMCD-6N		3/8	17.5	54.2
8M-CBMCD-4N	8	1/4	16.0	53.9
8M-CBMCD-6N		3/8	17.5	53.9
10M-CBMCD-4N	10	1/4	17.5	56.5
10M-CBMCD-6N		3/8	17.5	56.5
10M-CBMCD-8N	12	1/2	22.0	62.4
12M-CBMCD-8N		1/2	25.4	66.1
12M-CBMCD-12N	14	3/4	27.0	66.1
14M-CBMCD-8N		1/2	27.0	69.4
14M-CBMCD-12N	15	3/4	27.0	69.4
15M-CBMCD-8N		1/2	27.0	69.4
15M-CBMCD-12N	16	3/4	27.0	69.4
16M-CBMCD-12N		3/4	27.0	70.2
16M-CBMCD-16N	18	1	36.0	77.1
18M-CBMCD-12N		3/4	30.0	76.1
18M-CBMCD-16N	20	1	36.0	82.0
20M-CBMCD-8N		1/2	32.0	77.1
20M-CBMCD-12N	22	3/4	32.0	77.1
20M-CBMCD-16N		1	36.0	82.0
22M-CBMCD-8N	25	1/2	32.0	85.0
22M-CBMCD-12N		3/4	32.0	85.0
22M-CBMCD-16N	1	1	36.0	89.9
25M-CBMCD-8N		1/2	41.3	88.8
25M-CBMCD-12N	1	3/4	41.3	88.8
25M-CBMCD-16N		1	41.3	93.7



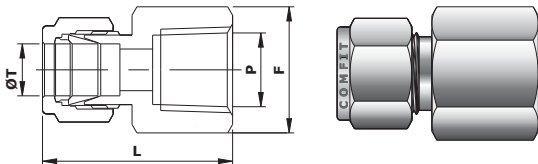
DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

## Female Connector\_\_FT x NPT(F)



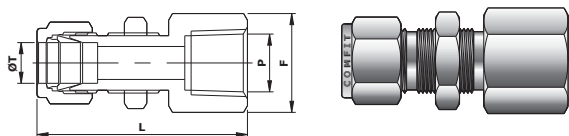
PRODUCT CODE	TUBE OD Inch. (ØT)	PIPE SIZE NPT (F) Inch (ØN)	HEX. SIZE MM (F)	LENGTH MM (L)
2-CFCD-2N	1/8	1/8	14.3	30.2
2-CFCD-4N		1/4	19.0	35.8
4-CFCD-2N	1/4	1/8	14.3	30.9
4-CFCD-4N		1/4	19.0	36.5
4-CFCD-6N		3/8	22.0	37.7
4-CFCD-8N		1/2	27.0	44.2
5-CFCD-4N	5/16	1/4	19.0	37.6
5-CFCD-6N		3/8	22.0	38.6
6-CFCD-4N	3/8	1/4	19.0	37.0
6-CFCD-6N		3/8	22.0	38.1
6-CFCD-8N		1/2	27.0	44.6
6-CFCD-12N		3/4	36.0	46.6
8-CFCD-4N	1/2	1/4	22.0	39.7
8-CFCD-6N		3/8	22.0	40.2
8-CFCD-8N		1/2	27.0	46.7
8-CFCD-12N		3/4	36.0	48.7
10-CFCD-6N	5/8	3/8	25.4	41.6
10-CFCD-8N		1/2	27.0	49.6
10-CFCD-12N		3/4	36.0	50.6
12-CFCD-8N	3/4	1/2	27.0	46.3
12-CFCD-12N		3/4	36.0	50.3
12-CFCD-16N		1	41.0	55.3
16-CFCD-8N		1	1/2	27.0
16-CFCD-12N	3/4		36.0	53.5
16-CFCD-16N	1		41.0	62.5

## Female Connector\_\_MT x NPT(F)



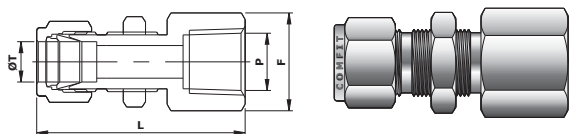
PRODUCT CODE	TUBE OD MM (ØT)	PIPE SIZE NPT (F) Inch (ØN)	HEX. SIZE MM (F)	LENGTH MM (L)
4M-CFCD-2N	4	1/8	14.3	30.3
4M-CFCD-4N		1/4	19.0	36.3
4M-CFCD-6N		3/8	22.0	37.3
6M-CFCD-4N	6	1/4	19.0	36.5
6M-CFCD-6N		3/8	22.0	38.0
6M-CFCD-8N		1/2	27.0	44.8
8M-CFCD-4N	8	1/4	19.0	37.5
8M-CFCD-6N		3/8	22.0	38.5
8M-CFCD-8N		1/2	27.0	45.5
10M-CFCD-4N	10	1/4	19.0	37.0
10M-CFCD-6N		3/8	22.0	38.3
10M-CFCD-8N		1/2	27.0	45.1
12M-CFCD-4N	12	1/4	22.0	40.7
12M-CFCD-6N		3/8	22.0	40.7
12M-CFCD-8N		1/2	27.0	47.0
15M-CFCD-6N	15	3/8	25.4	41.6
15M-CFCD-8N		1/2	27.0	47.6
15M-CFCD-12N		3/4	36.0	50.6
16M-CFCD-6N	16	3/8	25.4	42.6
16M-CFCD-8N		1/2	27.0	48.6
20M-CFCD-8N	20	1/2	30.0	47.7
20M-CFCD-12N		3/4	36.0	48.7
25M-CFCD-12N	25	3/4	36.0	52.5
25M-CFCD-16N		1	41.0	61.5

## Bulkhead Female Connector\_\_FT x NPT(F)



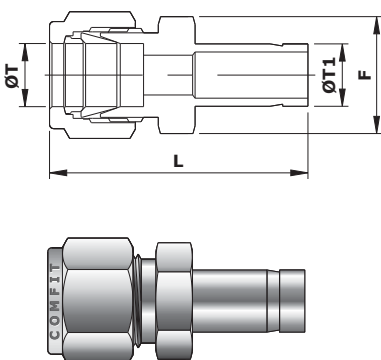
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(Inches)			
2-CBFCD-2N	1/8	1/8	1.76	9/16
4-CBFCD-2N	1/4	1/8	1.85	5/8
4-CBFCD-4N	1/4	1/4	2.04	3/4
5-CBFCD-2N	5/16	1/8	1.96	11/16
5-CBFCD-8N	5/16	1/2	2.38	1-1/16
6-CBFCD-4N	3/8	1/4	2.17	3/4
8-CBFCD-6N	1/2	3/8	2.43	7/8
8-CBFCD-8N	1/2	1/2	2.62	1
12-CBFCD-12N	3/4	3/4	2.90	1-1/4
16-CBFCD-16N	1	1	3.68	1-5/8

## Bulkhead Female Connector\_\_MT x NPT(F)



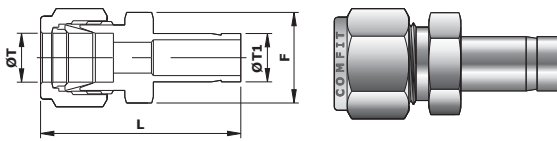
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(mm)	(Inches)	(mm)	(F)
6M-CBFCD-2N	6	1/8	47.2	16
6M-CBFCD-4N	6	1/4	51.8	19
8M-CBFCD-2N	8	1/8	49.6	17.4
10M-CBFCD-4N	10	1/4	55.2	19
12M-CBFCD-6N	12	3/8	60.9	25
12M-CBFCD-8N	12	1/2	66.5	27

## Reducer\_\_FT x Fractional Stub



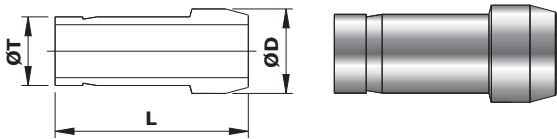
COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	HEX (F)
	(Inches)			
2-CRD-1S	1/8	1/16	1.14	7/16
2-CRD-2S	1/8	1/8	1.32	7/16
2-CRD-3S	1/8	3/16	1.35	7/16
2-CRD-4S	1/8	1/4	1.42	7/16
2-CRD-6S	1/8	3/8	1.48	7/16
2-CRD-8S	1/8	1/2	1.74	9/16
4-CRD-2S	1/4	1/8	1.45	1/2
4-CRD-3S	1/4	3/16	1.48	1/2
4-CRD-4S	1/4	1/4	1.54	1/2
4-CRD-5S	1/4	5/16	1.57	1/2
4-CRD-6S	1/4	3/8	1.60	1/2
4-CRD-8S	1/4	1/2	1.82	9/16
4-CRD-10S	1/4	5/8	1.89	11/16
4-CRD-12S	1/4	3/4	1.88	7/8
5-CRD-6S	5/16	3/8	1.65	9/16
5-CRD-8S	5/16	1/2	1.87	9/16
6-CRD-4S	3/8	1/4	1.63	5/8
6-CRD-6S	3/8	3/8	1.70	5/8
6-CRD-8S	3/8	1/2	1.91	5/8
6-CRD-10S	3/8	5/8	1.98	11/16
6-CRD-12S	3/8	3/4	1.98	7/8
8-CRD-4S	1/2	1/4	1.77	7/8
8-CRD-6S	1/2	3/8	1.84	7/8
8-CRD-8S	1/2	1/2	2.06	7/8
8-CRD-10S	1/2	5/8	2.12	7/8
8-CRD-12S	1/2	3/4	2.12	7/8
8-CRD-16S	1/2	1	2.37	1-1/16
12-CRD-8S	3/4	1/2	2.15	1-1/16

## Reducer\_\_MT x Metric Stub



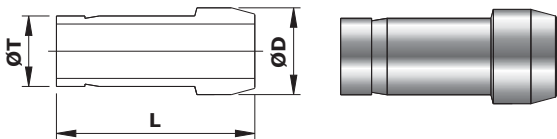
COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	HEX (F)
	(mm)			
2M-CRD-3MS	2	3	33.5	12
3M-CRD-4MS	3	4	35.0	12
3M-CRD-6MS	3	6	36.1	12
3M-CRD-10MS	3	10	38.4	14
4M-CRD-6MS	4	6	37.1	12
6M-CRD-3MS	6	3	36.9	14
6M-CRD-8MS	6	8	39.9	14
6M-CRD-10MS	6	10	40.7	14
6M-CRD-12MS	6	12	46.3	14
6M-CRD-18MS	6	18	49.6	22
8M-CRD-6MS	8	6	40.3	16
8M-CRD-10MS	8	10	42.0	16
8M-CRD-12MS	8	12	47.6	16
10M-CRD-6MS	10	6	42.4	19
10M-CRD-8MS	10	8	43.4	19
10M-CRD-12MS	10	12	49.8	19
10M-CRD-15MS	10	15	51.3	19
10M-CRD-18MS	10	18	51.3	22
12M-CRD-6MS	12	6	44.9	22
12M-CRD-8MS	12	8	45.9	22
12M-CRD-10MS	12	10	46.7	22
12M-CRD-16MS	12	16	53.8	22
12M-CRD-18MS	12	18	53.8	22
12M-CRD-20MS	12	20	56.1	22
12M-CRD-22MS	12	22	56.1	25
12M-CRD-25MS	12	25	62.4	27
16M-CRD-12MS	16	12	53.0	25
16M-CRD-18MS	16	18	54.7	25
16M-CRD-20MS	16	20	55.3	25
16M-CRD-25MS	16	25	64.0	27
25M-CRD-16MS	25	16	63.2	30
25M-CRD-18MS	25	18	63.1	35
25M-CRD-20MS	25	20	64.6	35

## Port Connector\_\_Two Fractional Stub



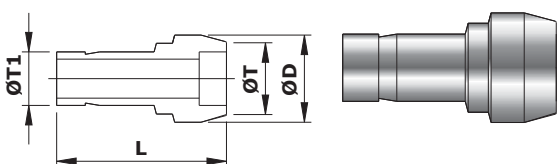
COMFIT PRODUCT CODE	TUBE OD (ØT)	LENGTH (L)	(ØD)
	(Inch)		
2S-CPCD	1/8	0.88	0.24
4S-CPCD	1/4	0.97	0.37
5S-CPCD	5/16	1.02	0.43
6S-CPCD	3/8	1.03	0.50
8S-CPCD	1/2	1.41	0.62
12S-CPCD	3/4	1.47	0.87
16S-CPCD	1	1.89	1.12

## Port Connector\_\_Two Metric Stub



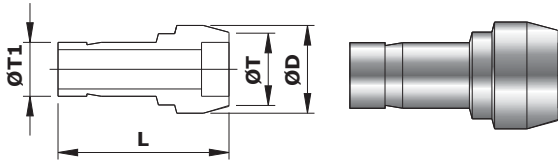
COMFIT PRODUCT CODE	TUBE OD (ØT)	LENGTH (L)	(ØD)
	(mm)		
3MS-CPCD	3	22.2	6.0
6MS-CPCD	6	24.6	9.0
8MS-CPCD	8	25.9	11.0
10MS-CPCD	10	26.1	13.1
12MS-CPCD	12	35.8	15.0
15MS-CPCD	15	37.4	19.0
16MS-CPCD	16	37.4	19.0
25MS-CPCD	25	48.0	28.0

## Reducer Port Connector\_\_Two Fractional Stub



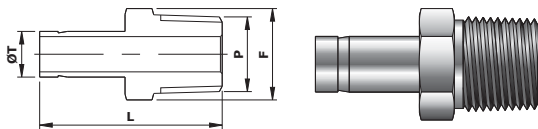
COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	(ØD)
	(Inch)			
2S-CRPCD-1S	1/8	1/16	0.68	0.24
4S-CRPCD-1S	1/4	1/16	0.71	0.37
4S-CRPCD-2S	1/4	1/8	0.89	0.37
6S-CRPCD-2S	3/8	1/8	0.91	0.50
6S-CRPCD-4S	3/8	1/4	0.93	0.50
8S-CRPCD-4S	1/2	1/4	1.15	0.62
8S-CRPCD-6S	1/2	3/8	1.520	0.62
12S-CRPCD-8S	3/4	1/2	1.49	0.87
16S-CRPCD-8S	1	1/2	1.68	1.12
16S-CRPCD-12S	1	3/4	1.71	1.12

### Reducer Port Connector\_\_Two Metric Stub



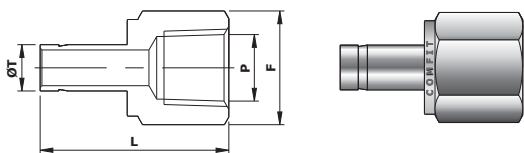
COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	(ØD)
	(mm)			
6MS-CRPCD-3MS	6	3	22.6	9.0
8MS-CRPCD-6MS	8	6	24.7	11.0
10MS-CRPCD-6MS	10	6	25.0	13.1
10MS-CRPCD-8MS	10	8	26.0	13.1
12MS-CRPCD-6MS	12	6	29.1	15.0
12MS-CRPCD-8MS	12	8	29.8	15.0
12MS-CRPCD-10MS	12	10	30.4	15.0
16MS-CRPCD-12MS	16	12	36.2	19.0

### Male Adapter\_\_Fractional Stub x NPT(M)



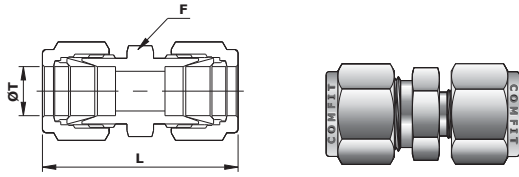
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Male Pipe Size (P)	LENGTH (L)	HEX (F)
	(Inch)			
2S-CMAD-2N	1/8	1/8	1.16	7/16
2S-CMAD-4N	1/8	1/4	1.37	9/16
4S-CMAD-2N	1/4	1/8	1.25	7/16
4S-CMAD-4N	1/4	1/4	1.46	9/16
4S-CMAD-6N	1/4	3/8	1.49	11/16
4S-CMAD-8N	1/4	1/2	1.71	7/8
5S-CMAD-2N	5/16	1/8	1.29	7/16
5S-CMAD-4N	5/16	1/4	1.50	9/16
5S-CMAD-6N	5/16	3/8	1.53	11/16
5S-CMAD-8N	5/16	1/2	1.74	7/8
6S-CMAD-2N	3/8	1/8	1.32	7/16
6S-CMAD-4N	3/8	1/4	1.53	9/16
6S-CMAD-6N	3/8	3/8	1.56	11/16
6S-CMAD-8N	3/8	1/2	1.78	7/8
8S-CMAD-4N	1/2	1/4	1.75	9/16
8S-CMAD-6N	1/2	3/8	1.78	11/16
8S-CMAD-8N	1/2	1/2	2.00	7/8
12S-CMAD-8N	3/4	1/2	2.06	7/8
12S-CMAD-12N	3/4	3/4	2.06	1-1/16
12S-CMAD-16N	3/4	1	2.41	1-3/8
16S-CMAD-12N	1	3/4	2.31	1-1/16
16S-CMAD-16N	1	1	2.60	1-3/8

### Female Adapter\_\_Fractional Stub x NPT(F)



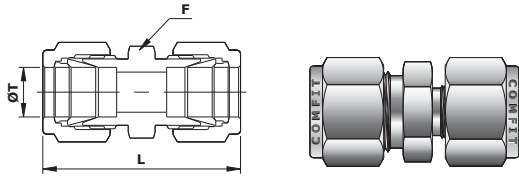
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(Inch)			
2S-CFAD-2N	1/8	1/8	1.24	9/16
2S-CFAD-4N	1/8	1/4	1.39	3/4
4S-CFAD-2N	1/4	1/8	1.30	9/16
4S-CFAD-4N	1/4	1/4	1.46	3/4
4S-CFAD-6N	1/4	3/8	1.55	7/8
4S-CFAD-8N	1/4	1/2	1.79	1-1/16
5S-CFAD-2N	5/16	1/8	1.34	9/16
5S-CFAD-4N	5/16	1/4	1.48	3/4
5S-CFAD-6N	5/16	3/8	1.59	7/8
6S-CFAD-2N	3/8	1/8	1.35	9/16
6S-CFAD-4N	3/8	1/4	1.50	3/4
6S-CFAD-6N	3/8	3/8	1.59	7/8
6S-CFAD-8N	3/8	1/2	1.84	1-1/16
8S-CFAD-4N	1/2	1/4	1.71	3/4
8S-CFAD-6N	1/2	3/8	1.79	7/8
8S-CFAD-8N	1/2	1/2	2.04	1-1/16
12S-CFAD-8N	3/4	1/2	2.08	1-1/16
12S-CFAD-12N	3/4	3/4	2.16	1-5/16
12S-CFAD-16N	3/4	1	2.30	1-5/8
16S-CFAD-12N	1	3/4	2.39	1-5/16
16S-CFAD-16N	1	1	2.53	1-5/8

### Union\_FT X FT



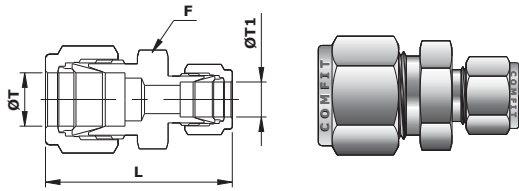
PRODUCT CODE	TUBE OD Inch. (ØT)	HEX. SIZE MM (F)	LENGTH MM (L)
2-CUD	1/8	11.0	37.7
4-CUD	1/4	12.7	41.0
5-CUD	5/16	14.3	44.7
6-CUD	3/8	16.0	44.8
8-CUD	1/2	22.0	52.4
10-CUD	5/8	25.4	53.3
12-CUD	3/4	27.0	52.7
16-CUD	1	36.0	67.4

### Union\_MT X MT



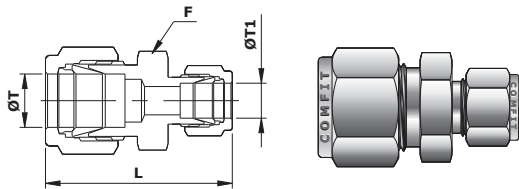
PRODUCT CODE	TUBE OD MM (ØT)	HEX. SIZE MM (F)	LENGTH MM (L)
3M-CUD	3.0	11.0	38.4
4M-CUD	4.0	11.0	40.2
6M-CUD	6.0	12.7	42.2
8M-CUD	8.0	14.3	45.9
10M-CUD	10.0	16.0	46.9
12M-CUD	12.0	22.0	53.4
14M-CUD	14.0	25.4	54.4
15M-CUD	15.0	25.4	54.2
16M-CUD	16.0	25.4	54.2
18M-CUD	18.0	27.0	54.3
20M-CUD	20.0	30.0	56.9
22M-CUD	22.0	30.0	56.8
25M-CUD	25.0	36.0	68.3

### Reducer Union\_FT X FT



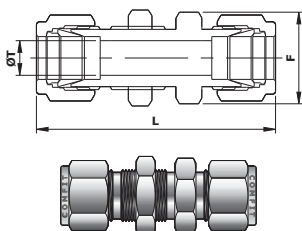
PRODUCT CODE	TUBE OD Inch. (ØT)	TUBE OD MM (ØT1)	HEX. SIZE MM (F)	LENGTH MM (L)
4-CRUD-2	1/4	1/8	12.70	39.4
5-CRUD-2	5/16	1/8	14.28	41.7
5-CRUD-4		1/4	14.28	43.4
6-CRUD-4	3/8	1/4	16.00	43.4
6-CRUD-5		5/16	16.00	44.8
8-CRUD-4	1/2	1/4	22.00	47.7
8-CRUD-6		3/8	22.00	49.1
8-CRUD-5		5/16	22.00	49.1
10-CRUD-6	5/8	3/8	25.40	50.0
10-CRUD-5		5/16	25.40	50.0
10-CRUD-8		1/2	25.40	53.3
12-CRUD-6		3/8	27.00	49.7
12-CRUD-8	3/4	1/2	27.00	53.0
16-CRUD-8		1/2	36.00	61.4
16-CRUD-12		3/4	36.00	61.0

### Reducer Union\_MT X MT



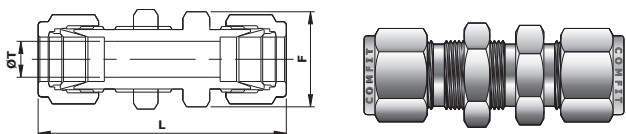
PRODUCT CODE	TUBE OD MM. (ØT)	TUBE OD MM (ØT1)	HEX. SIZE MM (F)	LENGTH MM (L)	
4M-CRUD-3M	4.0	3	11.00	39.3	
6M-CRUD-4M	6.0	4	12.70	41.2	
8M-CRUD-4M		4	14.28	43.5	
8M-CRUD-6M	8.0	6	14.28	44.5	
10M-CRUD-6M		6	16.00	45.0	
10M-CRUD-8M	10.0	8	16.00	46.4	
12M-CRUD-8M		8	22.00	50.1	
12M-CRUD-10M		10	22.00	50.7	
14M-CRUD-8M		14.0	8	25.40	51.0
14M-CRUD-10M	10		25.40	51.6	
14M-CRUD-12M	12		25.40	54.3	
15M-CRUD-10M	15.0		10	25.40	51.6
15M-CRUD-12M			12	25.40	54.3
15M-CRUD-14M		14	25.40	54.2	
16M-CRUD-10M	16.0	10	25.40	51.6	
16M-CRUD-12M		12	25.40	54.3	
16M-CRUD-14M		14	25.40	54.2	
16M-CRUD-15M		15	25.40	54.2	
18M-CRUD-14M	18.0	14	27.00	54.3	
18M-CRUD-16M		16	27.00	54.3	
20M-CRUD-16M		20.0	16	30.00	56.0
20M-CRUD-18M	18		30.00	56.1	
22M-CRUD-18M	22.0		18	30.00	56.1
22M-CRUD-20M			20	30.00	56.8
25M-CRUD-18M	25.0	18	36.00	62.3	
25M-CRUD-20M		20	36.00	63.1	
25M-CRUD-22M		22	36.00	63.1	

### Bulkhead Union\_FT X FT



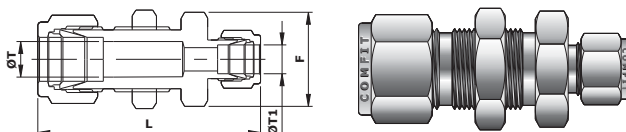
PRODUCT CODE	TUBE OD Inch. (ØT)	HEX. SIZE MM (F)	LENGTH MM (L)
2-CBUD	1/8	12.70	53.3
4-CBUD	1/4	16.00	57.9
5-CBUD	5/16	17.46	61.2
6-CBUD	3/8	19.00	62.8
8-CBUD	1/2	25.40	73.1
10-CBUD	5/8	27.00	73.8
12-CBUD	3/4	30.00	79.0
16-CBUD	1	41.30	98.4

## Bulkhead Union\_MT X MT



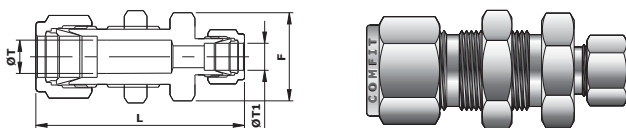
PRODUCT CODE	TUBE OD Inch. (ØT)	HEX. SIZE MM (F)	LENGTH MM (L)
3M-CBUD	3.0	12.70	53.5
4M-CBUD	4.0	12.70	54.5
6M-CBUD	6.0	14.28	57.0
8M-CBUD	8.0	16.00	58.1
10M-CBUD	10.0	17.46	59.0
12M-CBUD	12.0	25.40	66.5
14M-CBUD	14.0	27.00	66.3
15M-CBUD	15.0	27.00	66.3
16M-CBUD	16.0	27.00	66.3
18M-CBUD	18.0	30.00	67.4
20M-CBUD	20.0	32.00	69.3
22M-CBUD	22.0	32.00	69.2
25M-CBUD	25.0	41.30	78.2

## Bulkhead Reducer Union\_FT X FT



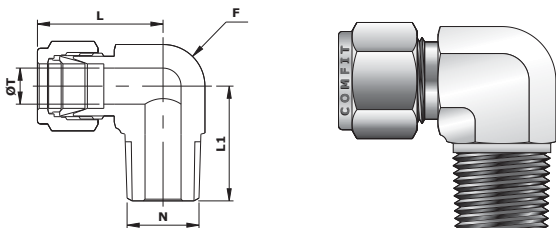
PRODUCT CODE	TUBE OD Inch. (ØT)	TUBE OD MM (ØT1)	HEX. SIZE MM (F)	LENGTH MM (L)
4-CBRUD-2	1/4	1/8	16.00	56.3
5-CBRUD-2	5/16	1/8	17.46	58.2
5-CBRUD-4		1/4	17.46	59.9
6-CBRUD-4	3/8	1/4	19.00	61.4
6-CBRUD-5		5/16	19.00	62.8
8-CBRUD-4	1/2	1/4	25.40	68.4
8-CBRUD-6		3/8	25.40	69.8
8-CBRUD-5		5/16	25.40	69.8
10-CBRUD-6	5/8	3/8	27.00	70.5
10-CBRUD-5		5/16	27.00	70.5
10-CBRUD-8		1/2	27.00	73.8
12-CBRUD-6		3/4	30.00	76.0
12-CBRUD-8	3/4	1/2	30.00	79.3
16-CBRUD-8		1/2	41.30	92.4
16-CBRUD-12		3/4	41.30	92.0

## Bulkhead Reducer Union\_MT X MT



PRODUCT CODE	TUBE OD MM (ØT)	TUBE OD MM (ØT1)	HEX. SIZE MM (F)	LENGTH MM (L)
4M-CBRUD-3M	4.0	3	12.70	55.2
6M-CBRUD-4M	6.0	4	14.28	57.6
8M-CBRUD-4M	8.0	4	16.00	57.6
8M-CBRUD-6M		6	16.00	58.3
10M-CBRUD-6M	10.0	6	17.46	60.8
10M-CBRUD-8M		8	17.46	62.2
12M-CBRUD-8M	12.0	8	25.40	66.9
12M-CBRUD-10M		10	25.40	67.5
14M-CBRUD-8M		8	27.00	70.2
14M-CBRUD-10M	14.0	10	27.00	70.8
14M-CBRUD-12M		12	27.00	73.5
15M-CBRUD-10M		10	27.00	70.8
15M-CBRUD-12M	15.0	12	27.00	73.5
15M-CBRUD-14M		14	27.00	73.4
16M-CBRUD-10M		10	27.00	71.6
16M-CBRUD-12M		12	27.00	74.3
16M-CBRUD-14M	16.0	14	27.00	74.2
16M-CBRUD-15M		15	27.00	74.2
18M-CBRUD-14M		14	30.00	80.1
18M-CBRUD-16M	18.0	16	30.00	80.1
20M-CBRUD-16M		16	32.00	81.1
20M-CBRUD-18M	20.0	18	32.00	81.2
22M-CBRUD-18M		18	32.00	81.2
22M-CBRUD-20M		20	32.00	89.8
25M-CBRUD-18M	25.00	18	41.30	92.8
25M-CBRUD-20M		20	41.30	93.6
25M-CBRUD-22M		22	41.30	93.6

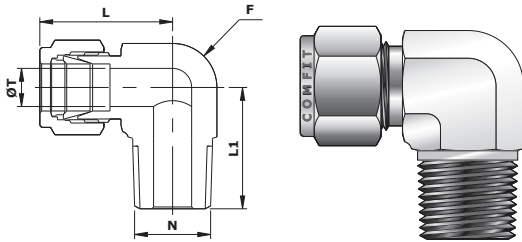
## Male Elbow\_FT X NPT(M)



PRODUCT CODE	TUBE OD INCH. (ØT)	TUBE OD NPT (M) Inch. (ØN)	HEX. SIZE (F)	LENGTH MM	
				(L)	(L1)
2-CMED-2N	1/8	1/8	12.50	25.6	18.7
2-CMED-4N		1/4	15.00	27.0	24.9
4-CMED-2N	1/4	1/8	12.50	27.2	18.7
4-CMED-4N		1/4	15.00	28.7	24.9
4-CMED-6N		3/8	19.00	31.0	27.2
5-CMED-4N	5/16	1/4	15.00	30.0	24.9
5-CMED-6N		3/8	19.00	32.3	27.2
5-CMED-8N		1/2	22.00	34.1	33.8
6-CMED-4N	3/8	1/4	15.00	30.1	24.9
6-CMED-6N		3/8	19.00	32.4	27.2
6-CMED-8N		1/2	22.00	34.1	33.8
8-CMED-4N	1/2	1/4	20.50	36.5	28.0
8-CMED-6N		3/8	20.50	36.5	28.0
8-CMED-8N		1/2	22.00	37.4	33.8
10-CMED-4N	5/8	1/4	24.00	38.5	30.1
10-CMED-6N		3/8	24.00	38.5	30.1
10-CMED-8N		1/2	24.00	38.5	35.0
12-CMED-8N	3/4	1/2	27.00	39.9	36.7
12-CMED-12N		3/4	27.00	39.9	36.7
12-CMED-16N		1	36.00	45.1	46.8
16-CMED-12N	1	3/4	36.00	49.5	41.9
16-CMED-16N		1	36.00	49.5	46.8

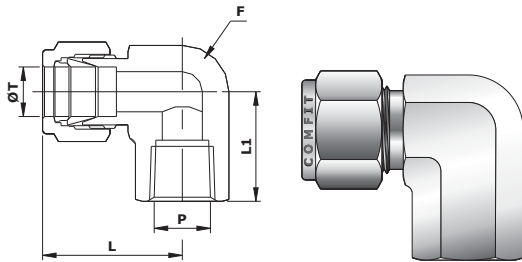
DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

## Male Elbow\_MT X NPT (M)



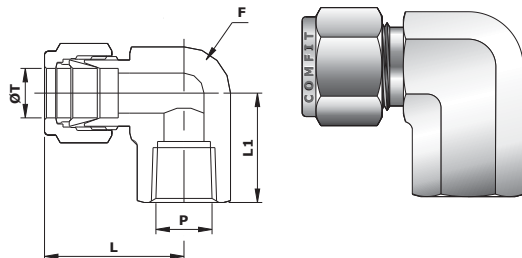
PRODUCT CODE	TUBE OD MM. (ØT)	TUBE OD NPT (M) Inch. (ØN)	HEX. SIZE (F)	LENGTH MM	
				(L)	(L1)
3M-CMED-2N	3.0	1/8	12.50	25.9	18.7
3M-CMED-4N		1/4	15.00	27.4	24.9
4M-CMED-2N		1/8	12.50	26.8	18.7
4M-CMED-4N	4.0	1/4	15.00	28.3	24.9
6M-CMED-4N		1/4	15.00	29.2	24.9
6M-CMED-6N	6.0	3/8	19.00	31.6	27.2
8M-CMED-4N		1/4	15.00	30.6	24.9
8M-CMED-6N		3/8	19.00	32.9	27.2
10M-CMED-4N	10.0	1/4	17.50	32.6	26.3
10M-CMED-6N		3/8	19.00	33.4	27.2
10M-CMED-8N		1/2	22.00	35.2	33.8
12M-CMED-6N	12.0	3/8	19.00	36.2	27.2
12M-CMED-8N		1/2	22.00	37.9	33.8
12M-CMED-12N		3/4	27.00	40.8	36.7
14M-CMED-8N	14.0	1/2	22.00	37.8	33.8
14M-CMED-12N		3/4	27.00	40.7	36.7
15M-CMED-8N1	15.0	1/2	22.00	37.8	33.8
15M-CMED-12N		3/4	27.00	40.7	36.7
16M-CMED-12N		3/4	27.00	40.7	36.7
16M-CMED-16N	16.0	1	36.00	45.9	46.8
18M-CMED-8N		1/2	22.00	37.9	33.8
18M-CMED-12N		3/4	27.00	40.7	36.7
18M-CMED-16N	18.0	1	36.00	45.9	46.8
20M-CMED-8N		1/2	22.00	38.6	33.8
20M-CMED-12N		3/4	27.00	41.5	36.7
20M-CMED-16N	120.0	1	36.00	46.7	46.8
22M-CMED-8N		1/2	22.00	38.6	33.8
22M-CMED-12N		3/4	27.00	41.5	36.7
22M-CMED-16N	22.0	1	36.00	46.7	46.8
25M-CMED-8N		1/2	22.00	41.9	33.8
25M-CMED-12N		3/4	27.00	44.8	36.7
25M-CMED-16N	25.0	1	36.00	50.5	46.8

## Female Elbow\_FT X NPT (F)



COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	LENGTH (L1)	HEX (F)
	(Inch)				
2-CFED-2N	1/8	1/8	0.97	0.75	9/16
2-CFED-4N	1/8	1/4	1.08	0.88	3/4
4-CFED-2N	1/4	1/8	1.06	0.75	9/16
4-CFED-4N	1/4	1/4	1.17	0.88	3/4
4-CFED-6N	1/4	3/8	1.25	0.88	7/8
4-CFED-8N	1/4	1/2	1.36	1.12	1-1/16
5-CFED-2N	5/16	1/8	1.13	0.75	9/16
5-CFED-4N	5/16	1/4	1.20	0.88	3/4
6-CFED-2N	3/8	1/8	1.20	0.75	5/8
6-CFED-4N	3/8	1/4	1.23	0.88	3/4
6-CFED-6N	3/8	3/8	1.31	0.88	7/8
6-CFED-8N	3/8	1/2	1.42	1.12	1-1/16
8-CFED-4N	1/2	1/4	1.42	0.88	3/4
8-CFED-6N	1/2	3/8	1.42	0.88	7/8
8-CFED-8N	1/2	1/2	1.53	1.12	1-1/16
12-CFED-8N	3/4	1/2	1.57	1.12	1-1/16
12-CFED-12N	3/4	3/4	1.76	1.25	1-3/8
16-CFED-12N	1	3/4	1.93	1.25	1-3/8
16-CFED-16N	1	1	2.11	1.50	1-11/16

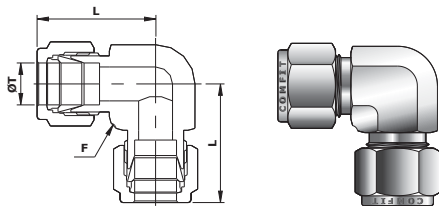
## Female Elbow\_MT X NPT (F)



COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	LENGTH (L1)	HEX (F)
	(mm)	(Inch)	(mm)	(L1)	(Inch)
6M-CFED-2N	6	1/8	27.0	19.0	9/16
6M-CFED-4N	6	1/4	29.8	22.4	3/4
6M-CFED-8N	6	1/2	34.6	28.4	1-1/16
8M-CFED-2N	8	1/8	28.8	19.1	9/16
8M-CFED-4N	8	1/4	30.6	22.4	3/4
10M-CFED-2N	10	1/8	31.5	19.0	11/16
10M-CFED-4N	10	1/4	33.5	22.4	3/4
10M-CFED-6N	10	3/8	33.5	22.4	7/8
10M-CFED-8N	10	1/2	36.3	28.5	1-1/8
12M-CFED-4N	12	1/4	36.0	22.4	13/16
12M-CFED-6N	12	3/8	36.0	22.4	7/8
12M-CFED-8N	12	1/2	38.8	28.4	1-1/16
16M-CFED-6N	16	3/8	39.5	23.6	1-1/16
16M-CFED-8N	16	1/2	39.5	28.4	1-1/16

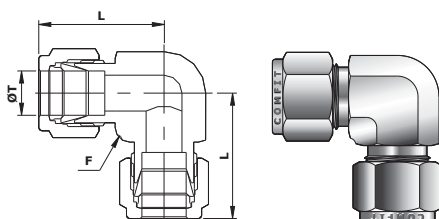
DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

### Union Elbow\_FT X FT



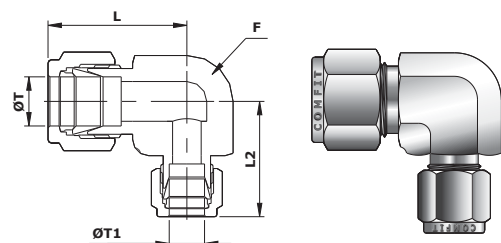
PRODUCT CODE	TUBE OD Inch. (ØT)	HEX. SIZE (F)	LENGTH MM	
			(L)	(L)
2-CUED	1/8	12.50	25.6	25.6
4-CUED	1/4	12.50	27.2	27.2
5-CUED	5/16	15.00	30.0	30.0
6-CUED	3/8	15.00	30.1	30.1
8-CUED	1/2	20.50	36.5	36.5
10-CUED	5/8	24.00	38.5	38.5
12-CUED	3/4	27.00	39.9	39.9
16-CUED	1	36.00	49.5	49.5

### Union Elbow\_MT X MT



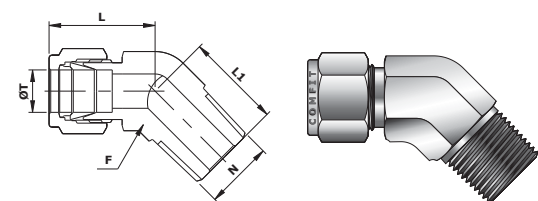
PRODUCT CODE	TUBE OD MM. (ØT)	HEX. SIZE (F)	LENGTH MM	
			(L)	(L)
3M-CUED	3.0	12.50	25.9	25.9
4M-CUED	4.0	12.50	26.8	26.8
6M-CUED	6.0	12.50	27.8	27.8
8M-CUED	8.0	15.00	30.6	30.6
10M-CUED	10.0	17.50	32.6	32.6
12M-CUED	12.0	20.50	37.0	37.0
14M-CUED	14.0	24.00	39.0	39.0
15M-CUED	15.0	24.00	39.0	39.0
16M-CUED	16.0	24.00	39.0	39.0
18M-CUED	18.0	27.00	40.7	40.7
20M-CUED	20.0	32.00	44.4	44.4
22M-CUED	22.0	32.00	44.4	44.4
25M-CUED	25.0	36.00	50.0	50.0

### Reducer Union Elbow\_FT X FT



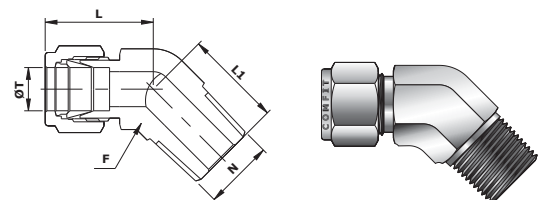
PRODUCT CODE	TUBE OD INCH. (ØT)	TUBE OD INCH. (ØT1)	HEX. SIZE (F)	LENGTH MM (L)	
				(L)	(L1)
4-CRUED-2N	1/4	1/8	12.50	27.2	18.2
5-CRUED-2N	5/16	1/8	15.00	30.0	27.0
5-CRUED-4N		1/4	15.00	30.0	28.7
6-CRUED-4N	3/8	1/4	15.00	30.1	28.7
6-CRUED-5N		5/16	15.00	30.1	30.0
8-CRUED-4N	1/2	1/4	20.50	36.5	31.8
8-CRUED-6N		3/8	20.50	36.5	33.2
10-CRUED-6N	5/8	3/8	24.00	38.5	35.3
10-CRUED-8N		1/2	24.00	38.5	38.6
12-CRUED-10N	3/4	5/8	27.00	39.9	40.2
12-CRUED-8N		1/2	27.00	39.9	40.3
16-CRUED-8N	1	1/2	36.00	49.5	45.5
16-CRUED-12N		3/4	36.00	49.5	45.1

### 45° Male Elbow\_FT X NPT (M)



COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT MALE PIPE (N)	LENGTH (L)	LENGTH (L1)	HEX (F)
2-C45MED-2N	1/8	1/8	0.88	0.66	7/16
4-C45MED-2N	1/4	1/8	0.97	0.65	9/16
4-C45MED-4N	1/4	1/4	0.97	0.83	9/16
5-C45MED-2N	5/16	1/8	1.01	0.66	9/16
6-C45MED-2N	3/8	1/8	1.10	0.72	5/8
6-C45MED-4N	3/8	1/4	1.10	0.90	5/8
6-C45MED-6N	3/8	3/8	1.15	0.95	13/16
8-C45MED-6N	1/2	3/8	1.26	0.95	13/16
8-C45MED-8N	1/2	1/2	1.26	1.14	7/8
12-C45MED-12N	3/4	3/4	1.34	1.22	1-1/16
16-C45MED-16N	1	1	1.59	1.49	1-3/8

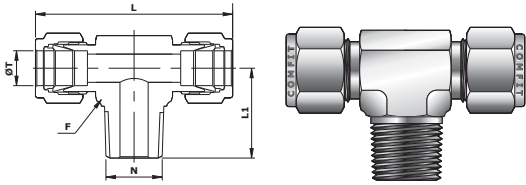
### 45° Male Elbow\_MT X NPT (M)



COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT MALE PIPE (N)	LENGTH (L)	LENGTH (L1)	HEX (F)
6M-C45MED-2N	6	1/8	16.0	16.8	14.0
6M-C45MED-4N	6	1/4	21.8	21.8	14.0
8M-C45MED-2N	8	1/8	16.8	16.8	14.0
10M-C45MED-4N	10	1/4	19.0	24.1	19.0
12M-C45MED-6N	12	3/8	19.0	24.1	19.0
12M-C45MED-8N	12	1/2	20.6	29.7	22.0
16M-C45MED-8N	16	1/2	20.6	29.7	22.0

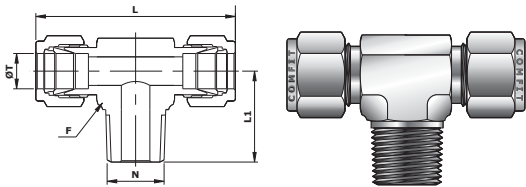
DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

### Male Branch Tee\_FT X NPT (M)



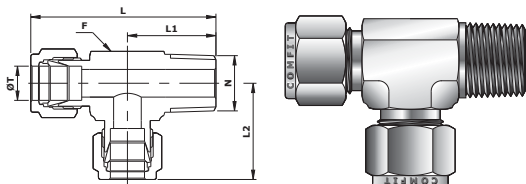
PRODUCT CODE	TUBE OD INCH. (ØT)	PIPE SIZE NPT(M) INCH. (ØN)	HEX SIZE (F)	LENGTH MM	
				(L)	(L1)
2-CMBTD-2N	1/8	1/8	12.50	51.1	18.7
4-CMBTD-2N	1/4	1/8	12.50	54.5	18.7
4-CMBTD-4N		1/4	15.00	57.3	24.9
6-CMBTD-4N	3/8	1/4	15.00	60.1	24.9
6-CMBTD-6N		3/8	19.00	64.7	27.2
8-CMBTD-6N	1/2	3/8	20.50	73.1	28.0
8-CMBTD-8N		1/2	22.00	74.8	33.8
12-CMBTD-8N	3/4	1/2	27.00	79.8	36.7
12-CMBTD-12N		3/4	27.00	79.8	36.7
16-CMBTD-12N	1	3/4	36.00	98.9	41.9
16-CMBTD-16N		1	36.00	98.9	46.8

### Male Branch Tee\_MT X NPT (M)



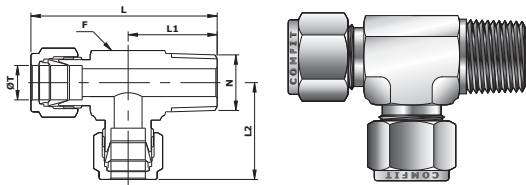
PRODUCT CODE	TUBE OD MM. (ØT)	PIPE SIZE NPT(M) INCH. (ØN)	HEX SIZE (F)	LENGTH MM	
				(L)	(L1)
6M-CMBTD-4N	6.0	1/4	15.00	58.5	24.9
8M-CMBTD-4N	8.0	1/4	15.00	38.1	23.1
10M-CMBTD-6N	10.0	3/8	19.00	41.4	25.5
12M-CMBTD-6N	12.0	3/8	20.50	47.7	26.3
12M-CMBTD-8N		1/2	22.00	48.6	27.2
14M-CMBTD-8N	14.0	1/2	24.00	49.6	28.4
15M-CMBTD-8N	15.0	1/2	24.00	49.6	28.4
16M-CMBTD-8N	16.0	1/2	24.00	49.6	28.4
20M-CMBTD-12N	20.0	3/4	32.00	55.1	33.7
22M-CMBTD-12N	22.0	3/4	32.00	55.1	33.7
25M-CMBTD-12N	25.0	3/4	36.00	62.4	37.5
25M-CMBTD-16N	25.0	1	36.00	62.4	37.5

### Male Run Tee\_FT X NPT (M)



PRODUCT CODE	TUBE OD INCH. (ØT)	PIPE SIZE NPT(M) INCH. (ØN)	HEX SIZE (F)	LENGTH MM	
				(L)	(L1)
2-CMRTD-2N-2	1/8	1/8	12.50	51.1	18.7
4-CMRTD-2N-4	1/4	1/8	12.50	54.5	18.7
4-CMRTD-4N-4		1/4	15.00	57.3	24.9
6-CMRTD-4N-6	3/8	1/4	15.00	60.1	24.9
6-CMRTD-6N-6		3/8	19.00	63.0	26.3
8-CMRTD-6N-8	1/2	3/8	20.50	73.1	28.0
8-CMRTD-8N-8		1/2	22.00	74.8	33.8
12-CMRTD-8N-12	3/4	1/2	27.00	79.8	36.7
12-CMRTD-12N-12		3/4	27.00	79.8	36.7
16-CMRTD-12N-16	1	3/4	36.00	98.9	41.9
16-CMRTD-16N-16		1	36.00	98.9	46.8

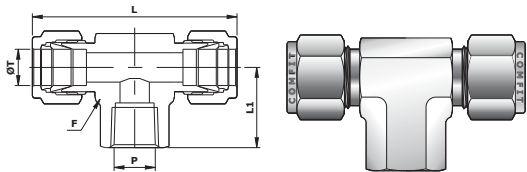
### Male Run Tee\_MT X NPT (M)



PRODUCT CODE	TUBE OD MM (ØT)	PIPE SIZE NPT(M) INCH. (ØN)	HEX SIZE (F)	LENGTH MM	
				(L)	(L1)
6M-CMRTD-4N-6M	6.0	1/4	15.00	58.5	24.9
8M-CMRTD-4N-8M	8.0	1/4	15.00	61.2	24.9
10M-CMRTD-6N-10M	10.0	3/8	19.00	65.1	26.3
12M-CMRTD-6N-12M	12.0	3/8	20.50	74.1	28.0
12M-CMRTD-8N-12M		1/2	22.00	75.8	33.8
14M-CMRTD-8N-14M	14.0	1/2	24.00	77.9	35.0
15M-CMRTD-8N-15M	15.0	1/2	24.00	77.9	35.0
16M-CMRTD-8N-16M	16.0	1/2	24.00	77.9	35.0
20M-CMRTD-12N-20M	20.0	3/4	32.00	88.8	39.6
22M-CMRTD-12N-22M	22.0	3/4	32.00	88.8	39.6
25M-CMRTD-12N-25M	25.0	3/4	36.00	99.9	41.9
25M-CMRTD-16N-25M	25.0	1	36.00	99.9	46.8

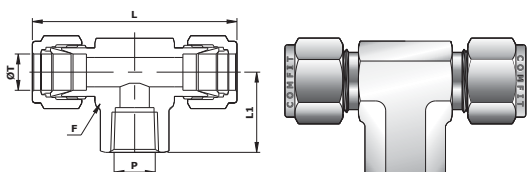
DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

## Female Branch Tee\_FT X NPT (F)



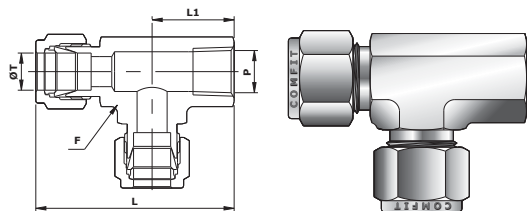
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT FEMALE PIPE Sizes (N)	LENGTH (L)	LENGTH (L1)	HEX (F)
	(Inch)				
2-CFBTD-2N	1/8	1/8	1.94	0.75	9/16
4-CFBTD-2N	1/4	1/8	2.12	0.75	9/16
4-CFBTD-4N	1/4	1/4	2.34	0.88	3/4
5-CFBTD-2N	5/16	1/8	2.34	0.75	5/8
6-CFBTD-4N	3/8	1/4	2.46	0.88	11/16
6-CFBTD-6N	3/8	3/8	2.62	0.88	7/8
6-CFBTD-8N	3/8	1/2	2.84	1.12	1-1/16
8-CFBTD-4N	1/2	1/4	2.84	0.88	13/16
8-CFBTD-6N	1/2	3/8	2.84	0.88	7/8
8-CFBTD-8N	1/2	1/2	3.06	1.12	1-1/16
12-CFBTD-12N	3/4	3/4	3.52	1.25	1-1/4
16-CFBTD-12N	1	3/4	3.86	1.25	1-1/4
16-CFBTD-16N	1	1	4.22	1.50	1-11/16

## Female Branch Tee\_MT X NPT (F)



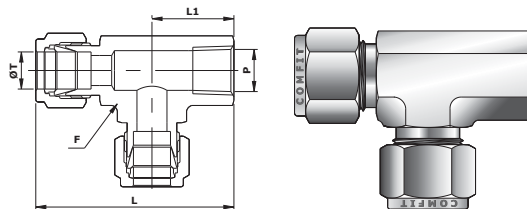
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT FEMALE PIPE Sizes (N)	LENGTH (L)	LENGTH (L1)	HEX (F)
	(mm)	(Inch)	(mm)		(Inch)
6M-CFBTD-2N	6	1/8	53.9	19.0	9/16
6M-CFBTD-4N	6	1/4	59.5	22.4	3/4
8M-CFBTD-2N	8	1/8	59.7	19.0	5/8
8M-CFBTD-4N	8	1/4	61.2	22.4	3/4
10M-CFBTD-4N	10	1/4	67.0	22.4	3/4
12M-CFBTD-2N	12	1/8	72.0	22.3	7/8
12M-CFBTD-4N	12	1/4	72.0	22.4	7/8
12M-CFBTD-6N	12	3/8	72.0	22.4	7/8
12M-CFBTD-8N	12	1/2	77.6	28.5	1-1/16
16M-CFBTD-8N	16	1/2	77.6	28.4	1-1/16

## Female Run Tee\_FT X NPT (F)



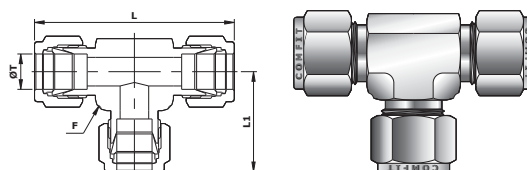
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT FEMALE PIPE Sizes (N)	LENGTH (L)	LENGTH (L1)	HEX (F)
	(mm)	(Inch)	(mm)		(Inch)
2-CFRTD-2N-2	1/8	1/8	1.72	0.75	9/16
4-CFRTD-2N-4	1/4	1/8	1.81	0.75	9/16
4-CFRTD-4N-4	1/4	1/4	2.05	0.88	3/4
5-CFRTD-2N-5	5/16	1/8	1.92	0.75	5/8
6-CFRTD-4N-6	3/8	1/4	2.11	0.88	3/4
8-CFRTD-4N-8	1/2	1/4	2.56	1.13	7/8
8-CFRTD-6N-8	1/2	3/8	2.30	0.88	7/8
8-CFRTD-8N-8	1/2	1/2	2.69	1.12	1-1/16
12-CFRTD-12N-12	3/4	3/4	3.01	1.25	1-1/4
16-CFRTD-12N-16	1	3/4	3.18	1.25	1-1/4
16-CFRTD-16N-16	1	1	3.61	1.50	1-11/16

## Female Run Tee\_MT X NPT (F)



COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Sizes (P)	LENGTH (L)	LENGTH (L1)	HEX (F)
	(mm)	(Inch)	(mm)		(Inch)
6M-CFRTD-2N-6M	6	1/8	46.0	19.0	9/16
6M-CFRTD-4N-6M	6	1/4	52.1	22.4	3/4
8M-CFRTD-2N-8M	8	1/8	48.9	19.0	5/8
8M-CFRTD-4N-8M	8	1/4	53.0	22.4	3/4
10M-CFRTD-4N-10M	10	1/4	55.9	22.4	3/4
12M-CFRTD-4N-12M	12	1/4	58.4	22.4	7/8
12M-CFRTD-6N-12M	12	3/8	58.4	22.4	7/8
12M-CFRTD-8N-12M	12	1/2	67.3	28.5	1-1/16
16M-CFRTD-8N-12M	16	1/2	28.4	28.4	1-1/16

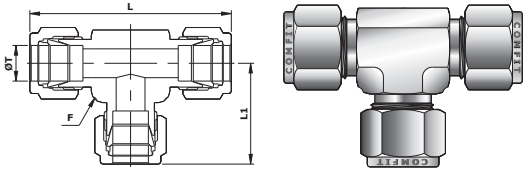
## Union Tee\_FT X FT



PRODUCT CODE	TUBE OD Inch. (ØT)	HEX. SIZE (F)	LENGTH MM	
			(L)	(L1)
2-CUTD	1/8	12.50	51.1	25.6
4-CUTD	1/4	12.50	54.5	27.2
6-CUTD	3/8	15.00	60.1	30.1
8-CUTD	1/2	20.50	73.1	36.5
12-CUTD	3/4	27.00	79.8	39.9
16-CUTD	1	36.00	98.9	49.5

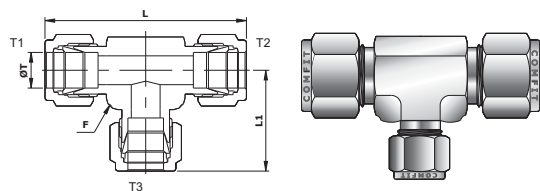
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### Union Tee\_MT X MT



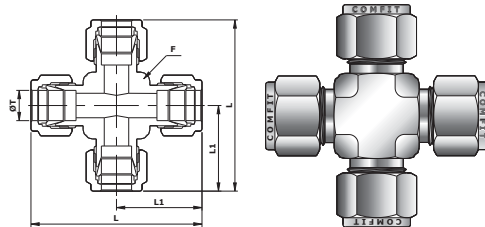
PRODUCT CODE	TUBE OD MM. (ØT)	HEX. SIZE (F)	LENGTH MM	
			(L)	(L1)
6M-CUTD	6.0	12.50	55.6	27.8
8M-CUTD	8.0	15.00	61.2	30.6
10M-CUTD	10.0	17.50	65.1	32.6
12M-CUTD	12.0	20.50	74.1	37.0
14M-CUTD	14.0	24.00	77.9	39.0
15M-CUTD	15.0	24.00	77.9	39.0
16M-CUTD	16.0	24.00	77.9	39.0
20M-CUTD	20.0	32.00	88.8	44.4
22M-CUTD	22.0	32.00	88.8	44.4
25M-CUTD	25.0	36.00	99.9	50.0

### Reducer Union Tee\_FT X FT X FT



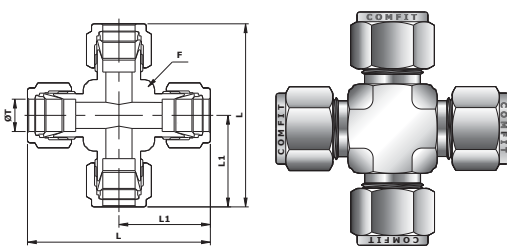
PRODUCT CODE	TUBE OD INCH. (ØT1)	TUBE OD INCH. (ØT2)	TUBE OD INCH. (ØT3)	HEX. SIZE (F)	LENGTH MM	
					(L)	(L1)
4-CRUTD-2	1/4	1/4	1/8	12.50	54.5	25.6
4-CRUTD-2-4		1/8	1/4	12.50	52.8	27.2
6-CRUTD-4	3/8	3/8	1/4	15.00	60.1	28.7
6-CRUTD-4-6		1/4	3/8	15.00	58.7	30.1
8-CRUTD-4	1/2	1/2	1/4	20.50	73.1	31.8
8-CRUTD-6			3/8	20.50	73.1	33.2
8-CRUTD-4-8		3/8	1/2	20.50	68.4	36.5
8-CRUTD-6-8			1/2	20.50	69.8	36.5
10-CRUTD-6	5/16	5/16	3/8	15.00	60.0	30.1
10-CRUTD-8			1/2	20.50	66.4	36.5
10-CRUTD-6-10		3/8	5/16	15.00	60.1	30.0
10-CRUTD-8-10		1/2		20.50	69.7	33.2
12-CRUTD-8	3/4	3/4	1/2	27.00	79.8	40.3
12-CRUTD-8-12		1/2	3/4	27.00	80.2	39.9
16-CRUTD-8	1	1	1/2	36.00	98.9	45.5
16-CRUTD-12			3/4	36.00	98.9	45.1
16-CRUTD-8-16		1/2	1	36.00	95.0	49.5
16-CRUTD-12-16		3/4		36.00	94.6	49.5

### Union Cross\_FT X FT



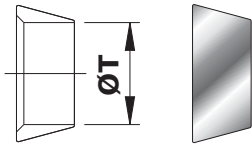
PRODUCT CODE	TUBE OD INCH. (ØT)	HEX. SIZE (F)	LENGTH MM	
			(L)	(L1)
2-CUCD	1/8	12.50	51.1	25.6
4-CUCD	1/4	12.50	54.5	27.2
6-CUCD	3/8	15.00	60.1	30.1
8-CUCD	1/2	20.50	73.1	36.5
12-CUCD	3/4	27.00	79.8	39.9
16-CUCD	1	36.00	98.9	49.5

### Union Cross\_MT X MT



PRODUCT CODE	TUBE OD MM. (ØT)	HEX. SIZE (F)	LENGTH MM	
			(L)	(L1)
6M-CUCD	6.0	12.50	55.6	27.8
8M-CUCD	8.0	15.00	61.2	30.6
10M-CUCD	10.0	17.50	65.1	32.6
12M-CUCD	12.0	20.50	74.1	37.0
14M-CUCD	14.0	24.00	77.9	39.0
15M-CUCD	15.0	24.00	77.9	39.0
16M-CUCD	16.0	24.00	77.9	39.0
20M-CUCD	20.0	32.00	88.8	44.4
22M-CUCD	22.0	32.00	88.8	44.4
25M-CUCD	25.0	36.00	99.9	50.0

## DOUBLE FERRULE



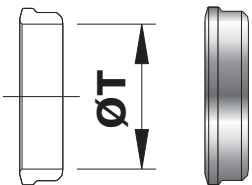
Front Ferrule

### Front Ferrule\_FT

COMFIT PRODUCT CODE	TUBE OD (ØT)
	(Inch)
2-CFF	1/8
4-CFF	1/4
5-CFF	5/16
6-CFF	3/8
8-CFF	1/2
12-CFF	3/4
16-CFF	1

### Front Ferrule\_MT

COMFIT PRODUCT CODE	TUBE OD (ØT)
	(mm)
2M-CFF	2
3M-CFF	3
4M-CFF	4
6M-CFF	6
8M-CFF	8
10M-CFF	10
12M-CFF	12
15M-CFF	15
16M-CFF	16
25M-CFF	25



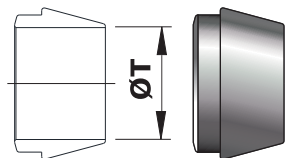
Back Ferrule

### Back Ferrule\_FT

COMFIT PRODUCT CODE	TUBE OD (ØT)
	(Inch)
2-CBF	1/8
4-CBF	1/4
5-CBF	5/16
6-CBF	3/8
8-CBF	1/2
12-CBF	3/4
16-CBF	1

### Back Ferrule\_MT

COMFIT PRODUCT CODE	TUBE OD (ØT)
	(mm)
3M-CBF	3
4M-CBF	4
6M-CBF	6
8M-CBF	8
10M-CBF	10
12M-CBF	12
15M-CBF	15
16M-CBF	16
25M-CBF	25



SINGLE FERRULE

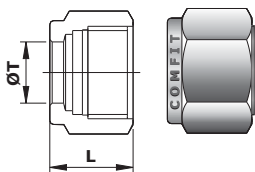
### Single Ferrule\_FT

COMFIT PRODUCT CODE	TUBE OD (ØT)
	(Inch)
2-CSF	1/8
4-CSF	1/4
5-CSF	5/16
6-CSF	3/8
8-CSF	1/2
12-CSF	3/4
16-CSF	1

### Single Ferrule\_MT

COMFIT PRODUCT CODE	TUBE OD (ØT)
	(mm)
2M-CSF	2
3M-CSF	3
4M-CSF	4
6M-CSF	6
8M-CSF	8
10M-CSF	10
12M-CSF	12
15M-CSF	15
16M-CSF	16
25M-CSF	25

## NUT



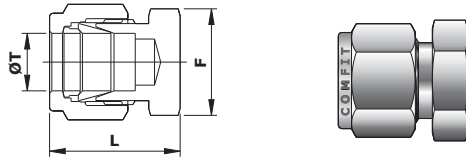
### Nut\_FT

COMFIT PRODUCT CODE	TUBE OD (ØT)	LENGTH (L)
	(Inches)	
2-CND	1/8	0.47
4-CND	1/4	0.50
5-CND	5/16	0.53
6-CND	3/8	0.56
8-CND	1/2	0.69
12-CND	3/4	0.69
16-CND	1	0.81

### Nut\_MT

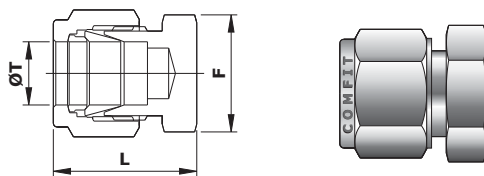
COMFIT PRODUCT CODE	TUBE OD (ØT)	LENGTH (L)
	(mm)	
3M-CND	3	11.9
4M-CND	4	11.9
6M-CND	6	12.7
8M-CND	8	13.5
10M-CND	10	15.1
12M-CND	12	17.4
15M-CND	15	17.4
16M-CND	16	17.4
25M-CND	25	20.6

## Tube Cap\_FT



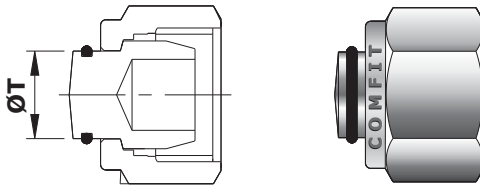
PRODUCT CODE	TUBE OD Inch. (ØT)	HEX. SIZE MM (F)	LENGTH MM (L)
2-CTCD	1/8	11.00	20.7
4-CTCD	1/4	12.70	23.1
6-CTCD	3/8	16.00	32.8
8-CTCD	1/2	22.00	44.6
12-CTCD	3/4	27.00	46.7
16-CTCD	1	36.00	58.0

## Tube Cap\_MT



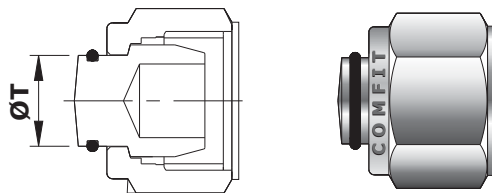
PRODUCT CODE	TUBE OD MM (ØT)	HEX. SIZE MM (F)	LENGTH MM (L)
6M-CTCD	6.0	12.70	22.8
8M-CTCD	8.0	14.28	25.0
10M-CTCD	10.0	16.00	27.0
12M-CTCD	12.0	22.00	33.7
14M-CTCD	14.0	25.40	34.9
15M-CTCD	15.0	25.40	35.5
16M-CTCD	16.0	25.40	35.6
18M-CTCD	18.0	27.00	36.1
20M-CTCD	20.0	30.00	36.7
22M-CTCD	22.0	30.00	39.2
25M-CTCD	25.0	36.00	45.5

## Tube Plug\_FT



COMFIT PRODUCT CODE	TUBE OD (ØT)
	(Inch)
2-CTPD	1/8
4-CTPD	1/4
5-CTPD	5/16
6-CTPD	3/8
8-CTPD	1/2
12-CTPD	3/4
16-CTPD	1

## Tube Plug\_MT



COMFIT PRODUCT CODE	TUBE OD (ØT)
	(mm)
3M-CTPD	3
4M-CTPD	4
6M-CTPD	6
8M-CTPD	8
10M-CTPD	10
12M-CTPD	12
15M-CTPD	15
16M-CTPD	16
25M-CTPD	25





AN ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 & PED Certified Company

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