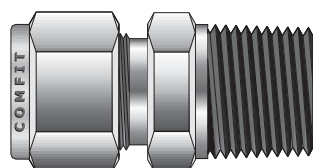


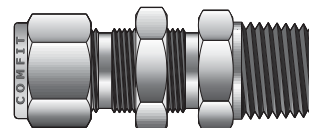


Catálogo

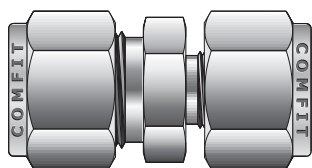
Conectores



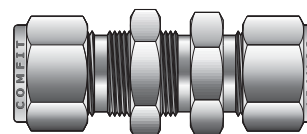
MALE CONNECTOR



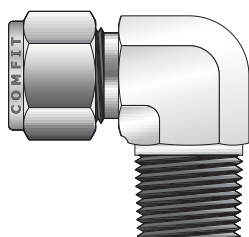
BULKHEAD MALE CONNECTOR



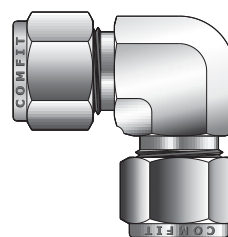
UNION



BULKHEAD UNION



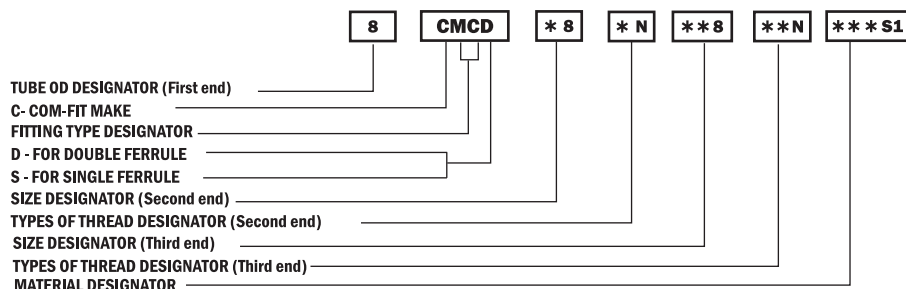
MALE ELBOW



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.

ORDERING CODES OF TUBE FITTINGS



FITTING TYPE	DESIGNATOR	FITTING TYPE	DESIGNATOR	FITTING TYPE	DESIGNATOR
STRAIGHT FITTINGS		TEE FITTINGS		TUBE OD DESIGNATOR	
MALE CONNECTOR		MALE TEE		SIZE	DESIGNATOR
- MALE CONNECTOR	MC	- MALE BRANCH TEE.	MBT	In	SIZE
- THERMOCOUPLE CONNECTOR . .	.MCBT	- MALE RUN TEE	MRT	Inch	In
(For bore through fitting)					Metric
- MALE CONNECTOR-RP	.MCRP	FEMALE TEE		1/16"	2
- MALE CONNECTOR-RS	.MCRS	- FEMALE BRANCH TEE.	FBT	1/8"	3
- LONG MALE CONNECTOR.	LMC	- FEMALE RUN TEE	FRT	3/16"	4
- BULK HEAD MALE CONNECTOR .	BMC			1/4"	6
		UNION TEE		5/16"	8
FEMALE CONNECTOR		- UNION TEE	UT	3/8"	10
- FEMALE CONNECTOR	FC	- REDUCER UNION TEE	RUT	1/2"	12
- FEMALE CONNECTOR-RG	.FCRG			5/8"	14
- BULK HEAD FEMALE CONNECTOR	.BFC			3/4"	15
		CROSS FITTINGS		7/8"	16
		CROSS UNION		1"	18
PORT CONNECTOR		- UNION CROSS	UC		20
- REDUCER	R				22
- BULKHEAD REDUCER	BR	COMPONENTS			25
- PORT CONNECTOR.	PC	FERRULE			
- REDUCER PORT CONNECTOR .	RPC	- FRONT FERRULE	FF	MATERIAL	
- MALE ADAPTER	MA	- BACK FERRULE	BF	DESIGNATOR	
- FEMALE ADAPTER	FA	- FERRULE PACK	FP	STEEL	S
				SS 316	S1
UNION				SS 316L	S2
- UNION	U			SS316/SS 316L	S1S2
- REDUCER UNION	RU			SS 304	S3
- BULKHEAD UNION	BU			SS 304L	S4
- BULKHEAD REDUCER UNION .	BRU			CARBON STEEL	S5
				P/F 321	S6
90° ELBOW FITTINGS				SS 347	S7
MALE ELBOW				P/F 11	S8
- MALE ELBOW	ME			P/F 22	S9
- POSITIONABLE MALE ELBOW .	PME			P/F 5	S10
				A105N	S11
FEMALE ELBOW				P/F 91	S12
- FEMALE ELBOW	FE			LF2	LF2
				ALUMINIUM	AL
UNION ELBOW				BRASS	B
- UNION ELBOW	UE			ALLOY 20	C20
- REDUCER UNION ELBOW .	RUE			ALLOY C - 276	HC
				ALLOY 600	INC
45° ELBOW FITTINGS				ALLOY 825	INC1
45° MALE ELBOW				ALLOY 625	INC2
- 45° MALE ELBOW	45ME			TITANIUM	TI
				MONEL 400	M
				DUPLEX-F60/S32205	D
				DUPLEX-F51/S31803	D1
				DUPLEX-F53/S32750	D3
				DUPLEX F55/S32760	D5
				NACE MR-0175	NM
				NACE MR-0103	NM1

Note : * If second connection same as first connection then keep it blank

* * **only** If it is required.

* * * It is assumed to be SS 316 if material is not mentioned.

DIMENSIONS FOR REFERENCE ONLY. SUBJECT TO CHANGE.

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

Size (Inch)	316 or 304 STAINLESS STEEL (seamless)															
	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

Size (Inch)	316 or 304 STAINLESS STEEL (welded)															
	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

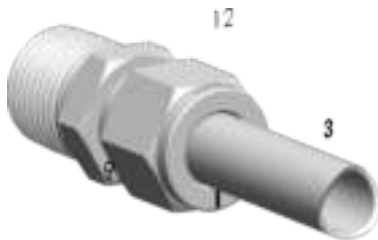
DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

Installation Instruction

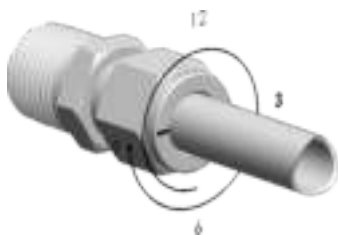
Assembly Instructions



- 1) Insert the tube in Comfit tube fitting till the face of tube rest in the fitting body as shown.



- 2) Tighten nut finger tight and scribe the nut at the 6° clock position as shown.



- 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 Metric 2mm to 4mm
- 4) Never turn the fitting body. Instead, hold the fitting body and turn the nut.

Re-assembly Instructions

Comfit fittings can be dis-assembled and reassembled many times without Impairing the function and efficiency of the joints.



- 1) Prior to disassembly mark a line along the nut and fitting body flats as shown..Make sure that the fitting body and tube assembly are free from contaminants or damages.



- 2) Insert the tube assembly into the fitting body until the front ferrule seats firmly. Assemble the tube and nut to the finger tight position.



- 3) Rotate the nut till previously marked position is reached. Further the nut should be rotated until significant rise in torque is felt to ensure the assembly is positively sealed.

Safety Precautions

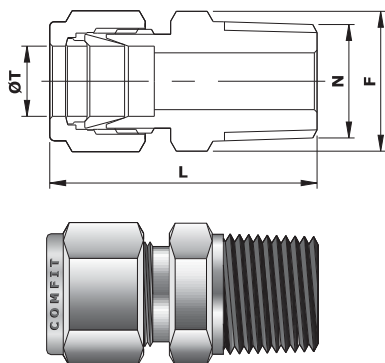
- Do not bleed the system by loosening the fitting nut or fitting plug.
- Do not make up and tighten fittings when the system is pressurized.
- Never allow problems to go unreported.
- Always use proper thread sealants on tapered pipe threads.
- Do not mix materials or fitting components from various manufacturers-tubing, ferrules, nuts and fitting bodies.

Tube Fittings

Comfit & Valves Pvt. Ltd.

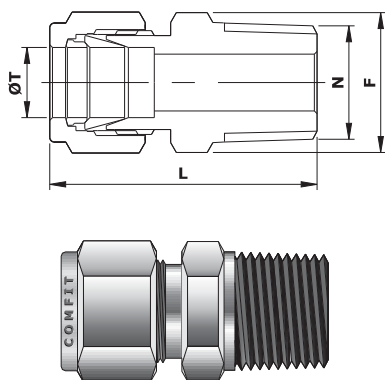


MALE CONNECTOR.....FT X NPT (M)



COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Male Pipe Size (N)	LENGTH (L)	HEX (F)
	(Inches)			
2-CMCD-1N	1/8	1/16	1.17	7/16
2-CMCD-2N	1/8	1/8	1.20	7/16
2-CMCD-4N	1/8	1/4	1.40	9/16
2-CMCD-6N	1/8	3/8	1.41	11/16
2-CMCD-8N	1/8	1/2	1.66	7/8
4-CMCD-1N	1/4	1/16	1.29	9/16
4-CMCD-2N	1/4	1/8	1.29	9/16
4-CMCD-4N	1/4	1/4	1.49	9/16
4-CMCD-6N	1/4	3/8	1.51	11/16
4-CMCD-8N	1/4	1/2	1.76	7/8
4-CMCD-12N	1/4	3/4	1.82	1-1/16
5-CMCD-2N	5/16	1/8	1.34	9/16
5-CMCD-4N	5/16	1/4	1.52	9/16
5-CMCD-6N	5/16	3/8	1.54	11/16
5-CMCD-8N	5/16	1/2	1.79	7/8
6-CMCD-2N	3/8	1/8	1.39	5/8
6-CMCD-4N	3/8	1/4	1.57	5/8
6-CMCD-6N	3/8	3/8	1.57	11/16
6-CMCD-8N	3/8	1/2	1.82	7/8
6-CMCD-12N	3/8	3/4	1.88	1-1/16
8-CMCD-2N	1/2	1/8	1.53	7/8
8-CMCD-4N	1/2	1/4	1.71	7/8
8-CMCD-6N	1/2	3/8	1.71	7/8
8-CMCD-8N	1/2	1/2	1.93	7/8
8-CMCD-12N	1/2	3/4	1.99	1-1/16
8-CMCD-16N	1/2	1	2.25	1-3/8
10-CMCD-12N	5/8	3/4	1.99	1-1/16
12-CMCD-8N	3/4	1/2	1.99	1-1/16
12-CMCD-12N	3/4	3/4	1.99	1-1/16
12-CMCD-16N	3/4	1	2.25	1-3/8
16-CMCD-8N	1	1/2	2.26	1-3/8
16-CMCD-12N	1	3/4	2.26	1-3/8
16-CMCD-16N	1	1	2.45	1-3/8

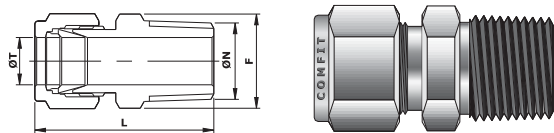
MALE CONNECTOR__MT X NPT(M)



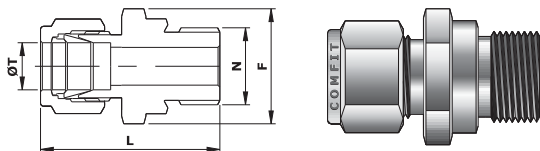
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Male Pipe Size (N)	LENGTH (L)	HEX (F)
	(Inches)			
3M-CMCD-2N	3	1/8	29.7	11
3M-CMCD-4N	3	1/4	35.6	14
4M-CMCD-2N	4	1/8	31.2	11
4M-CMCD-4N	4	1/4	36.3	14
6M-CMCD-2N	6	1/8	32.8	14
6M-CMCD-4N	6	1/4	37.9	14
6M-CMCD-6N	6	3/8	38.4	17.4
6M-CMCD-8N	6	1/2	44.7	22
8M-CMCD-2N	8	1/8	34.2	16
8M-CMCD-4N	8	1/4	38.7	16
8M-CMCD-6N	8	3/8	39.3	17.4
8M-CMCD-8N	8	1/2	45.6	22
10M-CMCD-2N	10	1/8	36.3	19
10M-CMCD-4N	10	1/4	40.9	19
10M-CMCD-6N	10	3/8	40.9	19
10M-CMCD-8N	10	1/2	46.5	22
10M-CMCD-12N	10	3/4	48.0	27
10M-CMCD-16N	10	1	55.0	35
12M-CMCD-2N	12	1/8	38.8	22
12M-CMCD-4N	12	1/4	43.4	22
12M-CMCD-6N	12	3/8	43.4	22
12M-CMCD-8N	12	1/2	49.0	22
12M-CMCD-12N	12	3/4	50.5	27
15M-CMCD-6N	15	1/2	49.0	25
16M-CMCD-6N	16	3/8	44.1	25
16M-CMCD-8N	16	1/2	49.0	25
16M-CMCD-12N	16	3/4	50.5	27
25M-CMCD-8N	25	1/2	57.5	35
25M-CMCD-12N	25	3/4	57.5	35
25M-CMCD-16N	25	1	62.3	35

DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

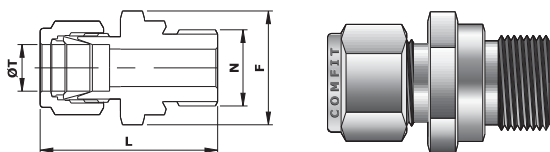
THERMOCOUPLE CONNECTOR (FOR BORED-THROUGH FITTING) __FT X NPT(M)



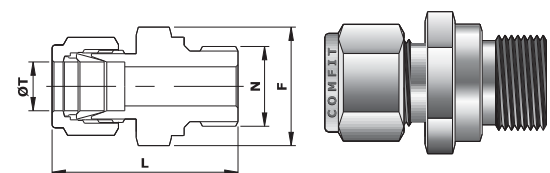
Male Connector - RP __FT x ISOP(M)



Male Connector-RP __MT x ISOP(M)



Male Connector-RS __FT x ISOP(M)



COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Male Pipe Size (N)	LENGTH (L)	HEX (F)
	(Inches)			
2-CMCBTD-2N	1/8	1/8	1.20	7/16
2-CMCBTD-4N	1/8	1/4	1.40	9/16
2-CMCBTD-6N	1/8	3/8	1.41	11/16
2-CMCBTD-8N	1/8	1/2	1.66	7/8
4-CMCBTD-4N	1/4	1/4	1.49	9/16
4-CMCBTD-6N	1/4	3/8	1.51	11/16
4-CMCBTD-8N	1/4	1/2	1.76	7/8
4-CMCBTD-12N	1/4	3/4	1.82	1-1/16
5-CMCBTD-6N	5/16	3/8	1.54	11/16
5-CMCBTD-8N	5/16	1/2	1.79	7/8
6-CMCBTD-6N	3/8	3/8	1.57	11/16
6-CMCBTD-8N	3/8	1/2	1.82	7/8
6-CMCBTD-12N	3/8	3/4	1.88	1-1/16
8-CMCBTD-12N	1/2	3/4	1.99	1-1/16
8-CMCBTD-16N	1/2	1	2.25	1-3/8
12-CMCBTD-16N	3/4	1	2.25	1-3/8

COMFIT PRODUCT CODE	TUBE OD (ØT)	BSPP (ISO) Male Pipe Size(N)	LENGTH (L)	HEX (F)
	(Inches)			
2-CMCD-2RP	1/8	1/8	1.18	9/16
2-CMCD-4RP	1/8	1/4	1.39	3/4
4-CMCD-2RP	1/4	1/8	1.27	9/16
4-CMCD-4RP	1/4	1/4	1.48	3/4
8-CMCD-8RP	1/2	1/2	1.93	1-1/16

RP parallel threads are commonly used with flat RP gasket, please refer page no. 30

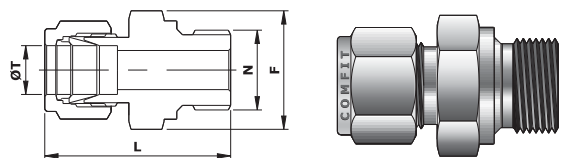
COMFIT PRODUCT CODE	TUBE OD (ØT)	BSPP (ISO) Male Pipe Size (N)	LENGTH (L)	HEX (F)
	(mm)	(Inches)	(mm)	
3M-CMCD-2RP	3	1/8	30.0	14
3M-CMCD-4RP	3	1/4	35.3	19
4M-CMCD-2RP	4	1/8	30.7	14
6M-CMCD-2RP	6	1/8	32.3	14
6M-CMCD-4RP	6	1/4	37.6	19
6M-CMCD-6RP	6	3/8	38.9	22
6M-CMCD-8RP	6	1/2	44.7	27
8M-CMCD-2RP	8	1/8	33.2	16
8M-CMCD-4RP	8	1/4	38.5	19
8M-CMCD-6RP	8	3/8	39.8	22
8M-CMCD-8RP	8	1/2	45.6	27
10M-CMCD-4RP	10	1/4	39.4	19
10M-CMCD-6RP	10	3/8	40.6	22
10M-CMCD-8RP	10	1/2	46.5	27
12M-CMCD-4RP	12	1/4	42.6	22
12M-CMCD-6RP	12	3/8	43.1	22
12M-CMCD-8RP	12	1/2	49.0	27
12M-CMCD-12RP	12	3/4	52.8	35
15M-CMCD-8RP	15	1/2	49.0	27
16M-CMCD-6RP	16	3/8	43.9	25
16M-CMCD-8RP	16	1/2	49.0	27
25M-CMCD-12RP	25	3/4	57.5	35
25M-CMCD-16RP	25	1	60.1	41

COMFIT PRODUCT CODE	TUBE OD (ØT)	BSPP (ISO) Male Pipe Size (N)	LENGTH (L)	HEX (F)
	(mm)	(Inches)	(mm)	
2-CMCD-2RS	1/8	1/8	1.18	9/16
2-CMCD-4RS	1/8	1/4	1.39	3/4
2-CMCD-6RS	1/8	3/8	1.43	7/8
4-CMCD-2RS	1/4	1/8	1.27	9/16
4-CMCD-4RS	1/4	1/4	1.48	3/4
4-CMCD-6RS	1/4	3/8	1.53	7/8
4-CMCD-8RS	1/4	1/2	1.76	1-1/16
6-CMCD-2RS	3/8	1/8	1.35	3/4
6-CMCD-4RS	3/8	1/4	1.54	3/4
6-CMCD-6RS	3/8	1/2	1.59	7/8
6-CMCD-8RS	3/8	1/2	1.82	1-1/16
8-CMCD-4RS	1/2	1/4	1.68	7/8
8-CMCD-6RS	1/2	1/2	1.70	7/8
6-CMCD-8IPRS	1/2	1/2	1.93	1-1/16
12-CMCD-8RS	3/4	1/2	1.93	1-1/16
12-CMCD-12RS	3/4	3/4	2.08	1-5/16
16-CMCD-8RS	1	1/2	2.20	1-3/8
16-CMCD-16RS	1	1	2.36	1-5/8

- 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.

DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

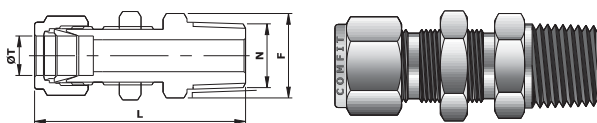
MALE CONNECTOR-RS_MT X ISOP(M)



- 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.

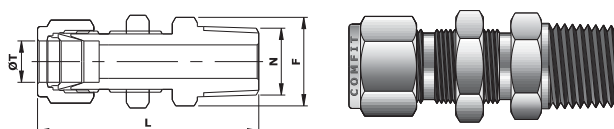
COMFIT PRODUCT CODE	TUBE OD (ØT)	BSPP (ISO) Male Pipe Size(N)	LENGTH (L)	HEX (F)
	(mm)	(Inches)	(mm)	
3M-CMCD-2RS	3	1/8	30.3	14
3M-CMCD-4RS	3	1/4	35.3	19
4M-CMCD-2RS	4	1/8	30.7	14
6M-CMCD-2RS	6	1/8	32.3	14
6M-CMCD-4RS	6	1/4	37.6	19
6M-CMCD-6RS	6	3/8	38.9	22
6M-CMCD-8RS	6	1/2	44.7	27
8M-CMCD-2RS	8	1/8	33.2	16
8M-CMCD-4RS	8	1/4	38.5	19
8M-CMCD-6RS	8	3/8	39.8	22
8M-CMCD-8RS	8	1/2	45.6	27
10M-CMCD-4RS	10	1/4	39.4	19
10M-CMCD-6RS	10	3/8	40.6	22
10M-CMCD-8RS	10	1/2	46.5	27
12M-CMCD-4RS	12	1/4	42.6	22
12M-CMCD-6RS	12	3/8	43.1	22
12M-CMCD-8RS	12	1/2	49.0	27
12M-CMCD-12RS	12	3/4	52.8	35
15M-CMCD-8RS	15	1/2	49.0	27
16M-CMCD-6RS	16	3/8	43.9	25
16M-CMCD-8RS	16	1/2	49.0	27
22M-CMCD-16RS	22	1	55.3	41
25M-CMCD-12RS	25	3/4	57.5	35
25M-CMCD-16RS	25	1	60.1	41

BULKHEAD MALE CONNECTOR_FT X NPT(M)



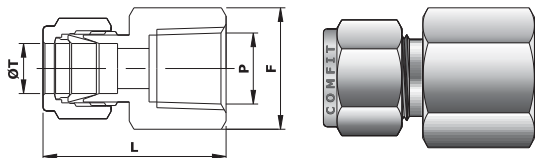
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Male Pipe Size (N)	LENGTH (L)	HEX (F)
	(Inches)			
2-CBMCD-2N	1/8	1/8	1.83	1/2
4-CBMCD-2N	1/4	1/8	1.95	5/8
4-CBMCD-4N	1/4	1/4	2.13	5/8
4-CBMCD-6N	1/4	3/8	2.16	11/16
4-CBMCD-8N	1/4	1/2	2.37	7/8
5-CBMCD-2N	5/16	1/8	2.08	11/16
5-CBMCD-4N	5/16	1/4	2.27	11/16
6-CBMCD-2N	3/8	1/8	2.08	3/4
6-CBMCD-4N	3/8	1/4	2.26	3/4
6-CBMCD-6N	3/8	3/8	2.48	3/4
6-CBMCD-8N	3/8	1/2	2.51	7/8
8-CBMCD-4N	1/2	1/4	2.49	1
8-CBMCD-6N	1/2	3/8	2.49	1
8-CBMCD-8N	1/2	1/2	2.71	1
8-CBMCD-12N	1/2	3/4	2.72	1-1/8
12-CBMCD-8N	3/4	1/2	3.00	1-3/16
12-CBMCD-12N	3/4	3/4	3.00	1-3/16
16-CBMCD-12N	1	3/4	3.54	1-5/8
16-CBMCD-16N	1	1	3.67	1-5/8

Bulkhead Male Connector__MT x NPT(M)



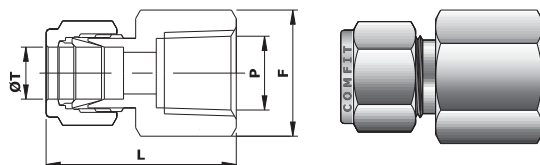
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Male Pipe Size (N)	LENGTH (L)	HEX (F)
	(Inches)	(Inches)	(mm)	
6M-CBMCD-2N	6	1/8	49.6	16
6M-CBMCD-4N	6	1/4	53.6	16
8M-CBMCD-2N	8	1/8	52.3	19
8M-CBMCD-4N	8	1/4	57.5	19
10M-CBMCD-4N	10	1/4	58.4	22
10M-CBMCD-6N	10	3/8	58.4	22
10M-CBMCD-8N	10	1/2	63.1	22
12M-CBMCD-4N	12	1/4	63.3	25
12M-CBMCD-6N	12	3/8	64.5	25
12M-CBMCD-8N	12	1/2	68.8	25

Female Connector__FT x NPT(F)



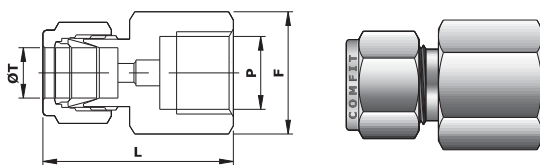
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(Inches)			
2-CFCD-2N	1/8	1/8	1.13	9/16
2-CFCD-4N	1/8	1/4	1.32	3/4
4-CFCD-2N	1/4	1/8	1.23	9/16
4-CFCD-4N	1/4	1/4	1.41	3/4
4-CFCD-6N	1/4	3/8	1.48	7/8
4-CFCD-8N	1/4	1/2	1.67	1-1/16
5-CFCD-2N	5/16	1/8	1.26	9/16
5-CFCD-4N	5/16	1/4	1.45	3/4
5-CFCD-6N	5/16	3/8	1.51	7/8
6-CFCD-2N	3/8	1/8	1.29	5/8
6-CFCD-4N	3/8	1/4	1.48	3/4
6-CFCD-6N	3/8	3/8	1.54	7/8
6-CFCD-8N	3/8	1/2	1.73	1-1/16
6-CFCD-12N	3/8	3/4	1.88	1-1/4
8-CFCD-4N	1/2	1/4	1.59	7/8
8-CFCD-6N	1/2	3/8	1.65	7/8
8-CFCD-8N	1/2	1/2	1.84	1-1/16
8-CFCD-12N	1/2	3/4	1.90	1-1/4
12-CFCD-8N	3/4	1/2	1.84	1-1/16
12-CFCD-12N	3/4	3/4	1.90	1-3/8
18-CFCD-12N	1	3/4	2.10	1-3/8
18-CFCD-16N	1	1	2.45	1-5/8

Female Connector__MT x NPT(F)



COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(mm)	(Inches)	(mm)	
3M-CFCD-2N	3	1/8	28.7	14
3M-CFCD-4N	3	1/4	33.5	19
4M-CFCD-2N	4	1/8	29.7	14
6M-CFCD-2N	6	1/8	31.3	14
6M-CFCD-4N	6	1/4	35.8	19
6M-CFCD-6N	6	3/8	37.6	22
6M-CFCD-8N	6	1/2	42.5	27
8M-CFCD-2N	8	1/8	32.1	16
8M-CFCD-4N	8	1/4	37.0	19
8M-CFCD-6N	8	3/8	38.5	22
8M-CFCD-8N	8	1/2	43.3	27
10M-CFCD-4N	10	1/4	37.8	19
10M-CFCD-6N	10	3/8	39.4	22
10M-CFCD-8N	10	1/2	44.2	27
12M-CFCD-4N	12	1/4	40.3	22
12M-CFCD-6N	12	3/8	41.9	22
12M-CFCD-8N	12	1/2	46.7	27
15-CFCD-8N	15	1/2	46.7	27
16M-CFCD-6N	16	3/8	41.9	27
16M-CFCD-8N	16	1/2	46.9	27
25M-CFCD-12N	25	3/4	53.4	35
25M-CFCD-16N	25	1	62.3	41

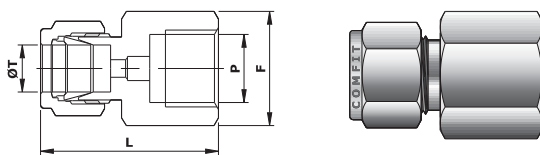
Female Connector-RG__FT x ISOP(F)



- 1) RG parallel threads are commonly used with flat RG gasket, please refer page no. 46

COMFIT PRODUCT CODE	TUBE OD (ØT)	BSPP (ISO) Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(Inch)			
2-CFCRGD-6IP	1/8	3/8	1.22	7/8
4-CFCRGD-4IP	1/4	1/4	1.48	3/4
4-CFCRGD-6IP	1/4	3/8	1.48	7/8
4-CFCRGD-8IP	1/4	1/2	1.71	1-1/16
5-CFCRGD-4IP	5/16	1/4	1.51	3/4
5-CFCRGD-8IP	5/16	1/2	1.61	1-1/16
6-CFCRGD-4IP	3/8	1/4	1.54	3/4
6-CFCRGD-6IP	3/8	3/8	1.52	7/8
6-CFCRGD-8IP	3/8	1/2	1.65	1-1/16
8-CFCRGD-4IP	1/2	1/4	1.65	7/8
8-CFCRGD-6IP	1/2	3/8	1.75	7/8
8-CFCRGD-8IP	1/2	1/2	1.90	1-1/16

Female Connector-RG__MT x ISOP(F)

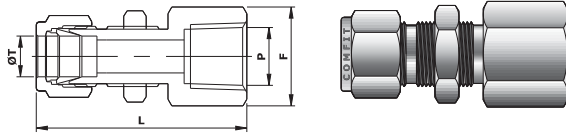


- 1) RG parallel threads are commonly used with flat RG gasket, please refer page no. 46

COMFIT PRODUCT CODE	TUBE OD (ØT)	BSPP (ISO) Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(mm)	(Inch)	(mm)	
3M-CFCRGD-4IP	3	1/4	35.5	19
6M-CFCRGD-4IP	6	1/4	37.6	19
6M-CFCRGD-6IP	6	3/8	37.6	22
6M-CFCRGD-8IP	6	1/2	43.5	27
8M-CFCRGD-4IP	8	1/4	38.5	19
8M-CFCRGD-6IP	8	3/8	36.2	22
8M-CFCRGD-8IP	8	1/2	41.0	27
10M-CFCRGD-4IP	10	1/4	39.4	19
10M-CFCRGD-6IP	10	3/8	38.8	22
10M-CFCRGD-8IP	10	1/2	42.1	27
12M-CFCRGD-4IP	12	1/4	41.9	22
12M-CFCRGD-6IP	12	3/8	44.4	22
12M-CFCRGD-8IP	12	1/2	48.2	27
20M-CFCRGD-8IP	20	1/2	54.3	30
22M-CFCRGD-8IP	22	1/2	54.3	30

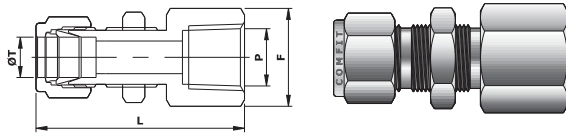
DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

Bulkhead Female Connector__FT x NPT(F)



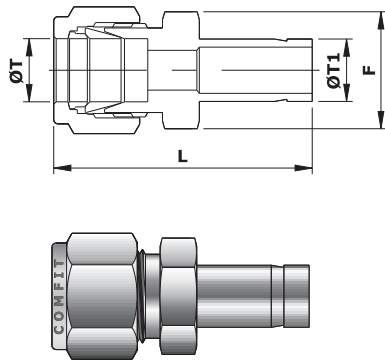
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(Inches)			
2-CBFCD-2N	1/8	1/8	1.76	9/16
4-CBFCD-2N	1/4	1/8	1.85	5/8
4-CBFCD-4N	1/4	1/4	2.04	3/4
5-CBFCD-2N	5/16	1/8	1.96	11/16
5-CBFCD-8N	5/16	1/2	2.38	1-1/16
6-CBFCD-4N	3/8	1/4	2.17	3/4
8-CBFCD-6N	1/2	3/8	2.43	7/8
8-CBFCD-8N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



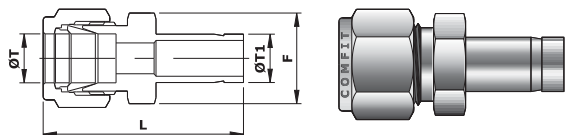
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(mm)	(Inches)	(mm)	
6M-CBFCD-2N	6	1/8	47.2	16
6M-CBFCD-4N	6	1/4	51.8	19
8M-CBFCD-2N	8	1/8	49.6	17.4
10M-CBFCD-4N	10	1/4	55.2	19
12M-CBFCD-6N	12	3/8	60.9	25
12M-CBFCD-8N	12	1/2	66.5	27

Reducer__FT x Fractional Stub



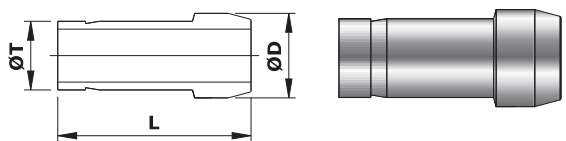
COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	HEX (F)
	(Inches)			
2-CRD-1S	1/8	1/16	1.14	7/16
2-CRD-2S	1/8	1/8	1.32	7/16
2-CRD-3S	1/8	3/16	1.35	7/16
2-CRD-4S	1/8	1/4	1.42	7/16
2-CRD-6S	1/8	3/8	1.48	7/16
2-CRD-8S	1/8	1/2	1.74	9/16
4-CRD-2S	1/4	1/8	1.45	1/2
4-CRD-3S	1/4	3/16	1.48	1/2
4-CRD-4S	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



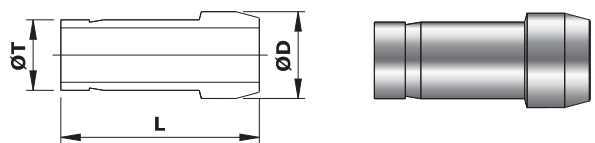
COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	HEX (F)
	(mm)			
2M-CRD-3MS	2	3	33.5	12
3M-CRD-4MS	3	4	35.0	12
3M-CRD-6MS	3	6	36.1	12
3M-CRD-10MS	3	10	38.4	14
4M-CRD-6MS	4	6	37.1	12
6M-CRD-3MS	6	3	36.9	14
6M-CRD-8MS	6	8	39.9	14
6M-CRD-10MS	6	10	40.7	14
6M-CRD-12MS	6	12	46.3	14
6M-CRD-18MS	6	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



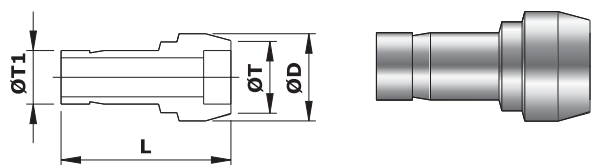
COMFIT PRODUCT CODE	TUBE OD (ØT)	LENGTH (L)	(ØD)
	(Inch)		
2S-CPCD	1/8	0.88	0.24
4S-CPCD	1/4	0.97	0.37
5S-CPCD	5/16	1.02	0.43
6S-CPCD	3/8	1.03	0.50
8S-CPCD	1/2	1.41	0.62
12S-CPCD	3/4	1.47	0.87
16S-CPCD	1	1.89	1.12

Port Connector__Two Metric Stub



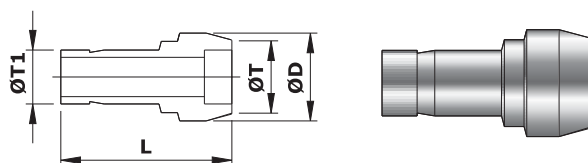
COMFIT PRODUCT CODE	TUBE OD (ØT)	LENGTH (L)	(ØD)
	(mm)		
3MS-CPCD	3	22.2	6.0
6MS-CPCD	6	24.6	9.0
8MS-CPCD	8	25.9	11.0
10MS-CPCD	10	26.1	13.1
12MS-CPCD	12	35.8	15.0
15MS-CPCD	15	37.4	19.0
16MS-CPCD	16	37.4	19.0
25MS-CPCD	25	48.0	28.0

Reducer Port Connector__Two Fractional Stub



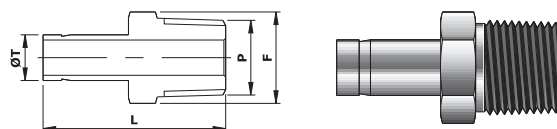
COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	(ØD)
	(Inch)			
2S-CRPCD-1S	1/8	1/16	0.68	0.24
4S-CRPCD-1S	1/4	1/16	0.71	0.37
4S-CRPCD-2S	1/4	1/8	0.89	0.37
6S-CRPCD-2S	3/8	1/8	0.91	0.50
6S-CRPCD-4S	3/8	1/4	0.93	0.50
8S-CRPCD-4S	1/2	1/4	1.15	0.62
8S-CRPCD-6S	1/2	3/8	1.520	0.62
12S-CRPCD-8S	3/4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



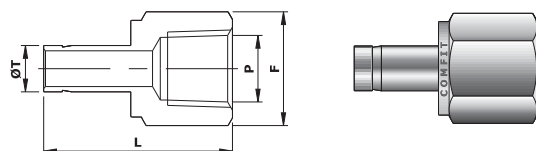
COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	(ØD)
	(mm)			
6MS-CRPCD-3MS	6	3	22.6	9.0
8MS-CRPCD-6MS	8	6	24.7	11.0
10MS-CRPCD-6MS	10	6	25.0	13.1
10MS-CRPCD-8MS	10	8	26.0	13.1
12MS-CRPCD-6MS	12	6	29.1	15.0
12MS-CRPCD-8MS	12	8	29.8	15.0
12MS-CRPCD-10MS	12	10	30.4	15.0
16MS-CRPCD-12MS	16	12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

Male Adapter__Fractional Stub x NPT(M)



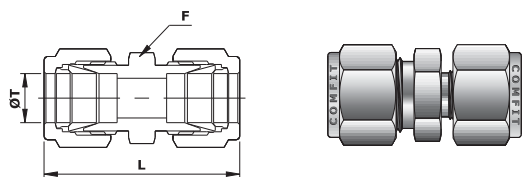
COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Male Pipe Size (P)	LENGTH (L)	HEX (F)
	(Inch)			
2S-CMAD-2N	1/8	1/8	1.16	7/16
2S-CMAD-4N	1/8	1/4	1.37	9/16
4S-CMAD-2N	1/4	1/8	1.25	7/16
4S-CMAD-4N	1/4	1/4	1.46	9/16
4S-CMAD-6N	1/4	3/8	1.49	11/16
4S-CMAD-8N	1/4	1/2	1.71	7/8
5S-CMAD-2N	5/16	1/8	1.29	7/16
5S-CMAD-4N	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)

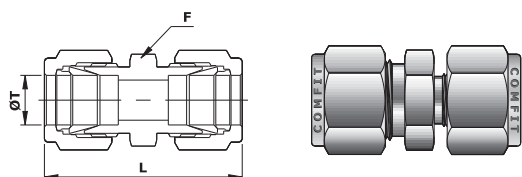


COMFIT PRODUCT CODE	TUBE OD (ØT)	NPT Female Pipe Size (P)	LENGTH (L)	HEX (F)
	(Inch)			
2S-CFAD-2N	1/8	1/8	1.24	9/16
2S-CFAD-4N	1/8	1/4	1.39	3/4
4S-CFAD-2N	1/4	1/8	1.30	9/16
4S-CFAD-4N	1/4	1/4	1.46	3/4
4S-CFAD-6N	1/4	3/8	1.55	7/8
4S-CFAD-8N	1/4	1/2	1.79	1-1/16
5S-CFAD-2N	5/16	1/8	1.34	9/16
5S-CFAD-4N	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

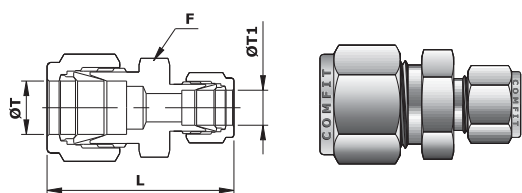
Union_FT X FT



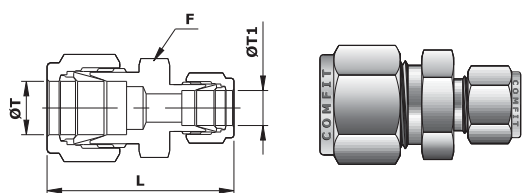
Union_MT X MT



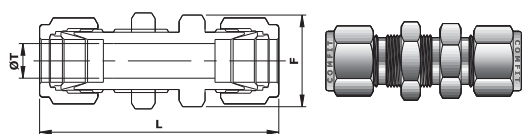
Reducer Union_FT X FT



Reducer Union_MT X MT



Bulkhead Union_FT X FT



COMFIT PRODUCT CODE	TUBE OD (ØT)	LENGTH (L)	HEX (F)
	(Inches)		
2-CUD	1/8	1.40	7/16
4-CUD	1/4	1.61	1/2
5-CUD	5/16	1.69	9/16
6-CUD	3/8	1.77	5/8
8-CUD	1/2	2.02	7/8
12-CUD	3/4	2.11	1-1/16
16-CUD	1	2.55	1-3/8

COMFIT PRODUCT CODE	TUBE OD (ØT)	LENGTH (L)	HEX (F)
	(mm)		
2M-CUD	2	35.6	12
3M-CUD	3	35.3	12
4M-CUD	4	37.3	12
6M-CUD	6	41.0	14
8M-CUD	8	43.2	15
10M-CUD	10	46.2	19
12M-CUD	12	51.2	22
15M-CUD	15	52.0	25
16M-CUD	16	52.0	25
25M-CUD	25	65.0	35

COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	HEX (F)
	(Inches)			
2-CRUD-1	1/8	1/16	1.22	7/16
4-CRUD-1	1/4	1/16	1.35	1/2
4-CRUD-2	1/4	1/8	1.52	1/2
4-CRUD-3	1/4	3/16	1.55	1/2
5-CRUD-2	5/16	1/8	1.56	9/16
5-CRUD-4	5/16	1/4	1.66	9/16
6-CRUD-1	3/8	1/16	1.44	5/8
6-CRUD-2	3/8	1/8	1.61	5/8
6-CRUD-4	3/8	1/4	1.70	5/8
6-CRUD-5	3/8	5/16	1.74	5/8
8-CRUD-2	1/2	1/8	1.78	7/8
8-CRUD-4	1/2	1/4	1.85	7/8
8-CRUD-6	1/2	3/8	1.91	7/8
12-CRUD-4	3/4	1/4	1.94	1-1/16
12-CRUD-6	3/4	3/8	2.00	1-1/16
12-CRUD-8	3/4	1/2	2.11	1-1/16
12-CRUD-10	3/4	5/8	2.11	1-1/16
16-CRUD-8	1	1/2	2.38	1-3/8
16-CRUD-12	1	3/4	2.38	1-3/8

COMFIT PRODUCT CODE	TUBE OD (ØT)	TUBE OD (ØT1)	LENGTH (L)	HEX (F)
	(mm)			
3M-CRUD-2M	3	2	35.3	12
6M-CRUD-2M	6	2	38.6	14
6M-CRUD-3M	6	3	38.6	14
6M-CRUD-4M	6	4	39.4	14
8M-CRUD-6M	8	6	42.3	16
10M-CRUD-6M	10	6	44.5	19
10M-CRUD-8M	10	8	45.1	19
12M-CRUD-6M	12	6	47.0	22
12M-CRUD-8M	12	8	47.8	22
12M-CRUD-10M	12	10	48.7	22
16M-CRUD-10M	16	10	49.5	25
16M-CRUD-12M	16	12	52.0	25
25M-CRUD-18M	25	18	61.0	35
25M-CRUD-25M	25	25	62.3	35

COMFIT PRODUCT CODE	TUBE OD (ØT)	LENGTH (L)	HEX (F)
	(Inches)		
2-CBUD	1/8	2.02	1/2
4-CBUD	1/4	2.27	5/8
5-CBUD	5/16	2.39	11/16
6-CBUD	3/8	2.45	3/4
8-CBUD	1/2	2.80	1
12-CBUD	3/4	3.11	1-3/16
16-CBUD	1	3.77	1-5/8

DIMENSIONS FOR REFERENCE ONLY, SUBJECT TO CHANGE.

ECROSS

Flow & Control



ventas@ecrossgroup.com



+54 9 11 32090288



www.ecrossgroup.com