



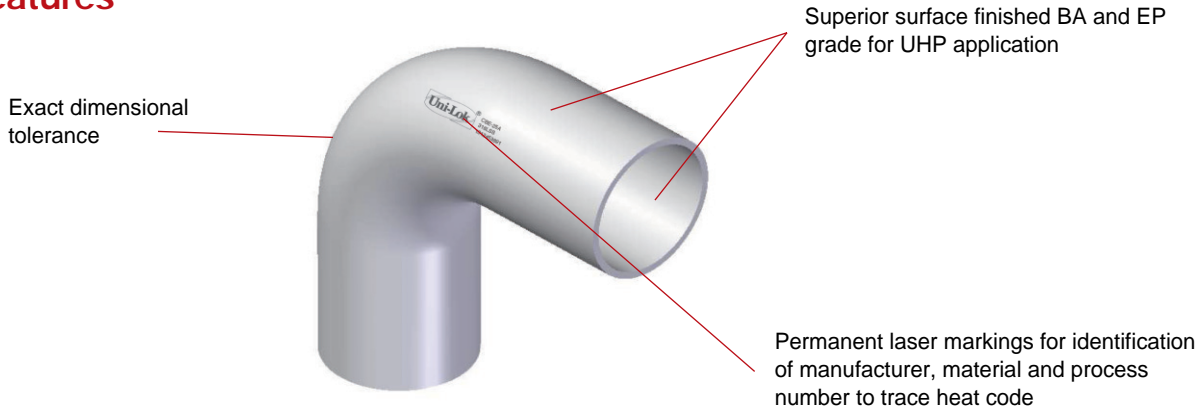
**ULTRA HIGH PURITY**  
**PIPE / TUBE FITTINGS**  
**& FLANGES**

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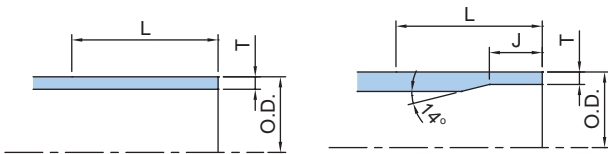


Uni-Lok® Clean Pipe/Tube fittings are designed and manufactured as high performance and high purity components by our own know-how to be accumulated throughout the years.

## Features

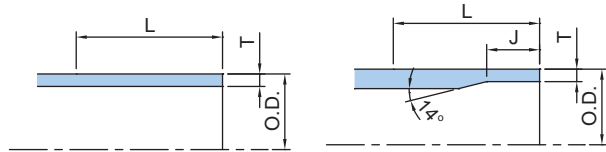


## Pipe Size & Weld Bevel End Manufacture Form



Auto Welding Standard Form

## Tube Size & Weld Bevel End Manufacture Form



Auto Welding Standard Form

Pipe Size O.D.		Wall Thickness T		Straight End Length L	Thinning Length J	
Norminal	mm	5S	10S		5S	10S
l	mm	mm		mm	mm	
8A	13.80	1.20	1.70	29	4	5
10A	17.30	1.20	1.70	36	4	5
15A	21.70	1.65	2.10	36	5	6
20A	27.20	1.65	2.10	36	5	6
25A	34.00	1.65	2.80	36	5	7
32A	42.70	1.65	2.80	46	5	7
40A	48.60	1.65	2.80	46	5	7
50A	60.50	1.65	3.00	46	5	7
65A	76.30	2.10	3.00	51	6	9
80A	89.10	2.10	3.00	51	6	9
100A	114.30	2.10	3.00	51	6	9

Tube Size O.D.		Wall Thickness T	Straight End Length L	Thinning Length J
inch	mm			
1/4	6.35	1.00(0.89)	29	4
3/8	9.53	1.00(0.89)	29	4
1/2	12.70	1.00(1.24/1.65)	29	4
5/8	15.88	1.00(1.24)	36	4
3/4	19.05	1.65(1.24)	36	5
1	25.40	1.65(1.24)	36	5
1 1/4	31.80	1.65	36	5
1 1/2	38.10	1.65	46	5
2	50.80	1.65	46	5

The tube wall thickness which are indicated in black colors are the standard. The red colored wall thicknesses are available upon request.

The pipe sizes larger than 100A are welded by manual welding. For more details, contact your local distributor.

## Materials

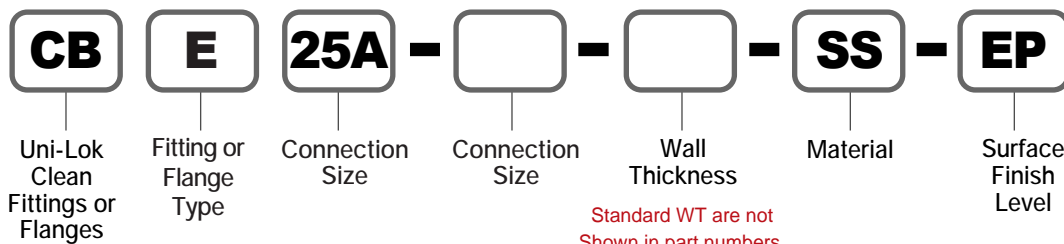
	Materials	Specification
Pipe	304SS	JIS SUS304
	316SS	JIS SUS316
	316LSS	JIS SUS316L
Tube	316LSS	ASTM A269 TP316/316L

## Internal Surface Finish Levels

Grade	Size	Internal Surface Finish Level Ra ( $\mu$ inch)
BA	$1/4" \leq \text{O.D.} \leq 1"$	$\leq 20$
	$25A \leq \text{O.D.} \leq 100A$	$\leq 25$
EP	$1/4" \leq \text{O.D.} \leq 80A$	$\leq 10$
	$\text{O.D.} \geq 100A$	

## How To Order

Uni-Lok Clean Pipe & Tube Fittings are ordered by part number as shown as below.



## Particle Contribution Test

According to ASTM F1394-92.

## Moisture Contribution Test

According to SEMA-90120397B-STD.

## Cleaning

All components are precisely cleaned with 18M $\Omega$  deionized water after the passivation procedure. Reference specification : SEMI E49.6.

## Assembling

According to SEMI E49.6.

## Packaging

Each component is double bagged to ensure component cleanliness and to protect them from environmental contamination.

Referenced specification : SEMI E49.1.

**Example :** The following part number, **CBE-25A-SS-EP** is designated for 90° Elbow, 25A Pipe Size, 316SS, EP.

Connection Size											
Fractional(Inch) Tube O.D. Designation											
Tube O.D.	inch	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
	mm	3.17	6.35	9.52	12.70	19.05	25.40	31.80	38.10	50.80	
Designator		02	04	06	08	12	16	20	24	32	

Pipe Size O.D. Designation												
Pipe O.D.	Normal	8A	10A	15A	20A	25A	32A	40A	50A	65A	80A	100A
	mm	13.8	17.3	21.7	27.2	34.0	42.7	48.6	60.5	76.3	89.1	114.3
Designator		8A	10A	15A	20A	25A	32A	40A	50A	65A	80A	100A

Pipe and tube sizes larger than 100A and 2" are available upon request.

Pipe & Tube Wall Thickness Designation						
Normal or inch	Pipe		Tube			
		5S	10S	0.035	0.039	0.049
mm	-	-	0.89	1.00	1.24	1.65
Designator	None	S10	None	T100	None	None

The standard wall thickness of pipes are schedule 5. Refer to sizes in page 2 for more details.
















Uni-Lok Product Group	
CB	Clean Pipe & Tube Fittings
CF	Clean Flanges

Surface Finish Level	
AP	AP
None	BA
EP	EP - Electro Polished

Material	
SS4	304SS
SS	316SS
SSL	316LSS

## Visual Index

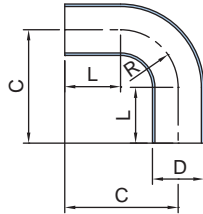
### Clean Pipe & Tube Fittings

	Elbow 90° <b>CBE</b>	5		Elbow 45° <b>CBVE</b>	5
	Tee <b>CBT</b>	6		Reducing Tee <b>CBTR</b>	6
	Cap <b>CBC</b>	7		Cap Reducer <b>CBCR</b>	7
	Joint Reducer <b>CBRJ</b>	8		Joint Cap <b>CBCJ</b>	9
	Joint Multi Header Tee <b>CBTMJ</b>	10		Multi Header Tee <b>CBTM</b>	10
	Pipe Flange <b>CFP</b>	11		Lab Joint Flange <b>CFL</b>	11
	Flange Gasket <b>CFJG</b>	12		JIS RF Flange <b>CFJR</b>	11
				JIS Blind Flange <b>CFJB</b>	11

## Clean Pipe & Tube Fittings

Elbow 90°

**CBE**

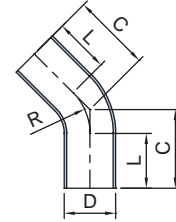


Pipe Size - Long Radius

Part No.	Pipe O.D. D		Dimension (mm)		
	N.S.	mm	C	R	L
CBE-8A-	8A	13.80	55.0	25.4	29.0
CBE-10A-	10A	17.30	62.0	25.4	36.0
CBE-15A-	15A	21.70	75.0	38.1	36.0
CBE-20A-	20A	27.20	75.0	38.1	36.0
CBE-25A-	25A	34.00	75.0	38.1	36.0
CBE-32A-	32A	42.70	94.0	47.6	46.0
CBE-40A-	40A	48.60	104.0	57.2	46.0
CBE-50A-	50A	60.50	123.0	76.2	46.0
CBE-65A-	65A	76.30	115.0	63.5	51.0
CBE-80A-	80A	89.10	128.0	76.2	51.0
CBE-100A-	100A	114.30	153.0	101.6	51.0

Elbow 45°

**CBVE**



Pipe Size - Long Radius

Part No.	Pipe O.D. D		Dimension (mm)		
	N.S.	mm	C	R	L
CBVE-20A-	20A	27.20	52.0	38.1	36.0
CBVE-25A-	25A	34.00	52.0	38.1	36.0
CBVE-32A-	32A	42.70	66.0	47.6	46.0
CBVE-40A-	40A	48.60	70.0	57.2	46.0
CBVE-50A-	50A	60.50	78.0	76.2	46.0
CBVE-65A-	65A	76.30	91.0	95.3	51.0
CBVE-80A-	80A	89.10	99.0	114.3	51.0
CBVE-100A-	100A	114.30	115.0	152.4	51.0

Tube Size - Long Radius

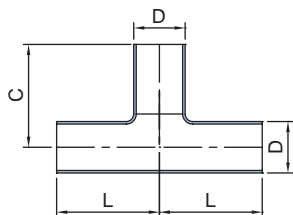
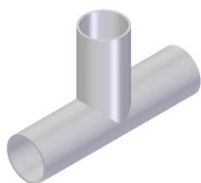
Part No.	Tube O.D. D		Dimension (mm)		
	inch	mm	C	R	L
CBE-04-	1/4	6.35	49.0	20.0	29.0
CBE-06-	3/8	9.52	52.0	23.0	29.0
CBE-08-	1/2	12.70	54.0	25.0	29.0
CBE-12-	3/4	19.05	66.0	30.0	36.0
CBE-16-	1	12.70	69.0	33.0	36.0
CBE-20-	1 1/4	19.05	84.0	47.6	36.0
CBE-24-	1 1/2	12.70	104.0	57.2	46.0
CBE-32-	2	19.05	123.0	76.2	46.0

Tube Size - Long Radius

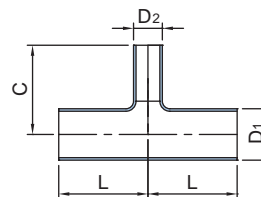
Part No.	Tube O.D. D		Dimension (mm)		
	inch	mm	C	R	L
CBVE-08-	1/2	12.70	40.0	25.0	29.0
CBVE-12-	3/4	19.05	49.0	30.0	36.0
CBVE-16-	1	12.70	50.0	33.0	36.0
CBVE-20-	1 1/4	19.05	46.0	47.6	36.0
CBVE-24-	1 1/2	12.70	70.0	57.2	46.0
CBVE-32-	2	19.05	78.0	76.2	46.0

Dimensions are for reference only and are subject to change without prior notice.

**Tee**  
**CBT**



**Reducing Tee**  
**CBTR**



Pipe Size

Part No.	Pipe O.D. D		Dimension (mm)	
	N.S.	mm	L	C
CBT-8A-	8A	13.80	42.0	42.0
CBT-10A-	10A	17.30	49.0	49.0
CBT-15A-	15A	21.70	59.0	59.0
CBT-20A-	20A	27.20	65.0	65.0
CBT-25A-	25A	34.00	68.0	68.0
CBT-32A-	32A	42.70	88.0	88.0
CBT-40A-	40A	48.60	95.0	95.0
CBT-50A-	50A	60.50	102.0	102.0
CBT-65A-	65A	76.30	121.0	121.0
CBT-80A-	80A	89.10	130.0	130.0
CBT-100A-	100A	114.30	145.0	145.0

Tube Size

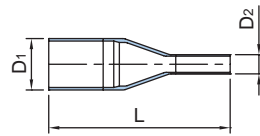
Part No.	Tube O.D. D		Dimension (mm)	
	inch	mm	L	C
CBT-04-	1/4	6.35	35.0	35.0
CBT-06-	3/8	9.52	37.0	37.0
CBT-08-	1/2	12.70	39.0	39.0
CBT-12-	3/4	19.05	52.0	52.0
CBT-16-	1	12.70	55.0	55.0
CBT-20-	1 1/4	19.05	59.0	59.0
CBT-24-	1 1/2	12.70	74.0	74.0
CBT-32-	2	19.05	77.0	77.0

Pipe Size

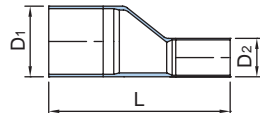
Part No.	Pipe O.D.								Dimension (mm)		
	D1	D2						L	C		
CBTR-8A*-	8A	1/4"	3/8"	1/2"					42.0	42.0	
CBTR-10A*-	10A	8A	1/4"	3/8"	1/2"				47.0	44.0	
CBTR-15A*-	15A	8A	1/4"	3/8"	1/2"				47.0	44.0	
		10A	15A	3/4"	5/8"				52.0	52.0	
CBTR-20A*-	20A	8A	1/4"	3/8"	1/2"				47.0	47.0	
		10A	15A	3/4"	5/8"	1"			55.0	55.0	
CBTR-25A*-	25A	8A	1/4"	3/8"	1/2"				47.0	50.0	
		10A	15A	20A	3/4"	5/8"	1"		59.0	59.0	
CBTR-32A*-	32A	8A	1/4"	3/8"	1/2"				57.0	54.0	
		10A	15A	20A	25A	3/4"	5/8"	1"	1-1/4"	68.0	62.0
CBTR-40A*-	40A	8A	1/4"	3/8"	1/2"				57.0	57.0	
		10A	15A	20A	25A	3/4"	5/8"	1"	1-1/4"	68.0	65.0
		32A	40A	1-1/2"					77.0	77.0	
CBTR-50A*-	50A	8A	1/4"	3/8"	1/2"				57.0	63.0	
		10A	15A	20A	25A	3/4"	5/8"	1"	1-1/4"	68.0	71.0
		32A	40A	1-1/2"	2"				83.0	83.0	
CBTR-65A*-	65A	8A	1/4"	3/8"	1/2"				61.0	71.0	
		10A	15A	20A	25A	3/4"	5/8"	1"	1-1/4"	72.0	79.0
		32A	40A	50A	1-1/2"	2"			88.0	90.0	
CBTR-80A*-	80A	8A	1/4"	3/8"	1/2"				61.0	77.0	
		10A	15A	20A	25A	3/4"	5/8"	1"	1-1/4"	72.0	85.0
		32A	40A	50A	1-1/2"	2"			88.0	96.0	
		65A							103.0	103.0	
CBTR-100A*-	100A	8A	1/4"	3/8"	1/2"				61.0	90.0	
		10A	15A	20A	25A	3/4"	5/8"	1"	1-1/4"	72.0	98.0
		32A	40A	50A	1-1/2"	2"			88.0	109.0	
		65A	80A						116.0	116.0	

Dimensions are for reference only and are subject to change without prior notice.

Reducer  
**CBR**

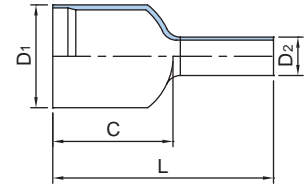


Concentric Reducer



Eccentric Reducer

Cap Reducer  
**CBCR**



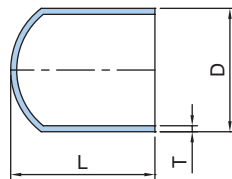
Pipe Size

Part No.	Pipe O.D.				Dimension (mm)
	D1	D2			L
CBR-20A*-	20A	15A			105.0
CBR-25A*-	25A	15A	20A	3/8" 1/2"	120.0
CBR-32A*-	32A	15A	20A 25A	1/2"	125.0
CBR-40A*-	40A	20A	25A 32A	1/2"	130.0
CBR-50A*-	50A	25A	32A 40A	1/2"	140.0
CBR-65A*-	65A	32A	40A 50A	1/2"	165.0
CBR-80A*-	80A	40A	50A 65A	1/2"	170.0
CBR-100A*-	100A	50A	65A 80A	1/2"	180.0

Pipe Size

Part No.	Pipe O.D.							Dimension (mm)	
	D1	D2						L	C
CBCR-8A*-	8A	1/4"	3/8"	1/2"				-	-
CBCR-10A*-	10A	8A	1/4"	3/8"	1/2"			-	-
CBCR-15A*-	15A	8A	1/4"	3/8"	1/2"			60.0	25.4
		10A	15A	3/4"	5/8"			(67.0)	
CBCR-20A*-	20A	8A	1/4"	3/8"	1/2"			60.0	25.4
		10A	15A	3/4"	5/8"	1"		67.0	
CBCR-25A*-	25A	8A	1/4"	3/8"	1/2"			73.0	38.1
		10A	15A	20A	3/4"	5/8"	1"	(80.0)	
CBCR-32A*-	32A	8A	1/4"	3/8"	1/2"			73.0	38.1
		10A	15A	20A 25A	3/4"	5/8"	1" 1-1/4"	80.0	
CBCR-40A*-	40A	8A	1/4"	3/8"	1/2"			73.0	38.1
		10A	15A	20A 25A	3/4"	5/8"	1" 1-1/4"	80.0	
CBCR-50A*-	50A	32A	40A	1-1/2"				(90.0)	38.1
		8A	1/4"	3/8"	1/2"			73.0	
CBCR-50A*-	50A	10A	15A	20A 25A	3/4"	5/8"	1" 1-1/4"	80.0	38.1
		32A	40A	1-1/2"	2"			(90.0)	
CBCR-65A*-	65A	8A	1/4"	3/8"	1/2"			73.0	38.1
		10A	15A	20A 25A	3/4"	5/8"	1" 1-1/4"	80.0	
CBCR-65A*-	65A	32A	40A	50A	1-1/2"	2"		(90.0)	38.1
		8A	1/4"	3/8"	1/2"			85.0	
CBCR-80A*-	80A	10A	15A	20A 25A	3/4"	5/8"	1" 1-1/4"	92.0	50.8
		32A	40A	50A	1-1/2"	2"		102.0	
		65A						(110.0)	
CBCR-100A*-	100A	8A	1/4"	3/8"	1/2"			98.0	63.5
		10A	15A	20A 25A	3/4"	5/8"	1" 1-1/4"	105.0	
		32A	40A	50A	1-1/2"	2"		115.0	
		65A	80A					125.0	

Cap  
**CBC**

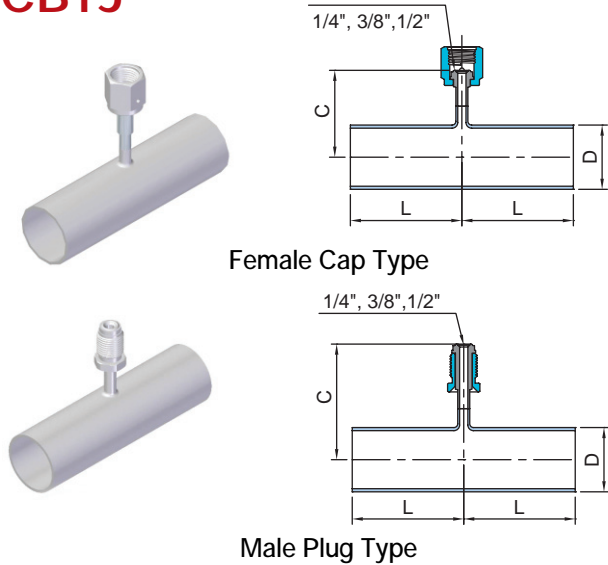


Tube Size

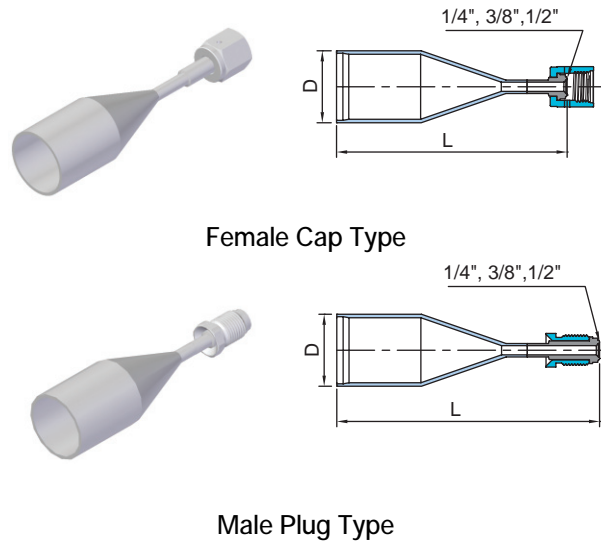
Part No.	Pipe O.D. D		Dimension (mm)	
	N.S.	mm	L	T
CBC-8A-	8A	13.80	12.7	1.20
CBC-10A-	10A	17.30	19.1	1.20
CBC-15A-	15A	21.70	25.4	1.65
CBC-20A-	20A	27.20	25.4	1.65
CBC-25A-	25A	34.00	38.1	1.65
CBC-32A-	32A	42.70	38.1	1.65
CBC-40A-	40A	48.60	38.1	1.65
CBC-50A-	50A	60.50	38.1	1.65
CBC-65A-	65A	76.30	38.1	2.10
CBC-80A-	80A	89.10	50.8	2.10
CBC-100A-	100A	114.30	63.5	2.10

Dimensions are for reference only and are subject to change without prior notice.

**Joint Tee**  
**CBTJ**



**Joint Reducer**  
**CBRJ**



Pipe Size

Part No.	Pipe O.D. D		Dimension (mm)		
	N.S.	mm	L	Female	Male
				C	C
CBTJ-10A-	10A	17.30	52.0	37.0	47.0
CBTJ-15A-	15A	21.70	52.0	39.5	49.5
CBTJ-20A-	20A	27.20	55.0	42.5	52.5
CBTJ-25A-	25A	34.00	59.0	46.5	56.5
CBTJ-32A-	32A	42.70	68.0	55.0	61.0
CBTJ-40A-	40A	48.60	68.0	54.0	64.0
CBTJ-50A-	50A	60.50	68.0	60.0	70.0
CBTJ-65A-	65A	76.30	72.0	68.0	78.0
CBTJ-80A-	80A	89.10	72.0	74.5	84.5
CBTJ-100A-	100A	114.30	72.0	87.0	97.0

Pipe Size

Part No.	Pipe O.D. D		Dimension (mm)	
	N.S.	mm	Female	Male
			L	L
CBRJ-10A-	10A	17.30	100.0	110.0
CBRJ-15A-	15A	21.70	110.0	120.0
CBRJ-20A-	20A	27.20	115.0	125.0
CBRJ-25A-	25A	34.00	130.0	140.0

Tube Size

Part No.	Tube O.D. D		Dimension (mm)		
	inch	mm	L	Female	Male
				C	C
CBTJ-08-	1/2	12.70	45.0	35.0	45.0
CBTJ-12-	3/4	19.05	52.0	38.0	48.0
CBTJ-16-	1	12.70	55.0	42.0	52.0
CBTJ-20-	1 1/4	19.05	59.0	45.5	55.5
CBTJ-24-	1 1/2	12.70	68.0	48.0	58.0
CBTJ-32-	2	19.05	68.0	55.0	65.0

Tube Size

Part No.	Tube O.D. D		Dimension (mm)	
	inch	mm	Female	Male
			L	L
CBRJ-08-	1/2	12.70	85.0	95.0
CBRJ-12-	3/4	19.05	110.0	120.0
CBRJ-16-	1	12.70	115.0	125.0

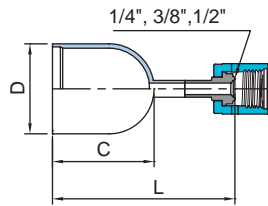
Dimensions are for reference only and are subject to change without prior notice.



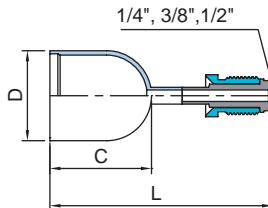
Joint Cap  
**CBCJ**



Female Cap Type



Male Plug Type



Pipe Size

Part No.	Pipe O.D. D		Dimension (mm)		
	N.S.	mm	C	Female	Male
				L	L
CBCJ-10A-	10A	17.30	19.1	48.0	58.0
CBCJ-15A-	15A	21.70	25.4	55.0	65.0
CBCJ-20A-	20A	27.20	25.4	55.0	65.0
CBCJ-25A-	25A	34.00	38.1	68.0	78.0
CBCJ-32A-	32A	42.70	38.1	68.0	78.0
CBCJ-40A-	40A	48.60	38.1	68.0	78.0
CBCJ-50A-	50A	60.50	38.1	68.0	78.0
CBCJ-65A-	65A	76.30	38.1	68.0	78.0
CBCJ-80A-	80A	89.10	50.8	81.0	97.0
CBCJ-100A-	100A	114.30	63.5	94.0	104.0

Tube Size

Part No.	Tube O.D. D		Dimension (mm)		
	inch	mm	C	Female	Male
				L	L
CBCJ-08-	1/2	12.70	12.7	41.2	58.2
CBCJ-12-	3/4	19.05	19.1	48.0	58.0
CBCJ-16-	1	12.70	25.4	55.0	65.0
CBCJ-20-	1 1/4	19.05	38.1	68.0	78.0
CBCJ-24-	1 1/2	12.70	38.1	68.0	78.0
CBCJ-32-	2	19.05	38.1	68.0	78.0

Joint Fittings Ordering Information

Every joint fittings are available with 1/4", 3/8" and 1/2" of Uni-Lok UCR Cap or UCR Plug.

To order, add the designators next to part number.

**Example :** CBCJ-25A-04CP-

Designator	Joint Type
-04CP	1/4" UCR Female Cap
-06CP	3/8" UCR Female Cap
-08CP	1/2" UCR Female Cap
-04PG	1/4" UCR Male Plug
-06PG	3/8" UCR Male Plug
-08PG	1/2" UCR Male Plug

Multi Header Tee Ordering Information

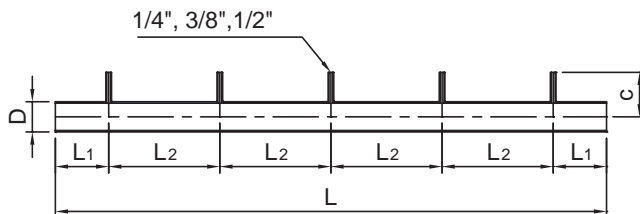
Part Number - Branches Size and Type -Number of Branches

**Example :** CBTM-25A-04T-5-

Dimensions are for reference only and are subject to change without prior notice.

Multi Header Tee

**CBTM**

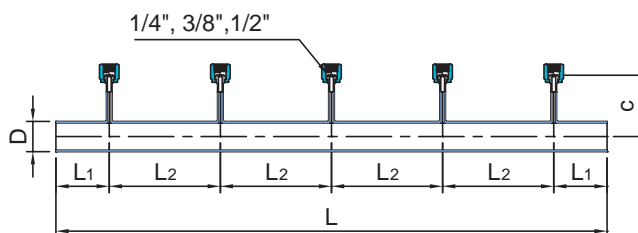


Pipe Size

Part No.	Pipe O.D. D		Dimension (mm)							
			L				L1	L2	Tube-End	Female
	N.S.	mm	Number of Branches							
			2	3	4	5				
CBTM-10A-	10A	17.30	245.0	370.0	495.0	620.0	60.0	125.0	44.0	37.0
CBTM-15A-	15A	21.70							44.0	39.5
CBTM-20A-	20A	27.20							47.0	42.5
CBTM-25A-	25A	34.00							50.0	46.5
CBTM-32A-	32A	42.70							54.0	51.0
CBTM-40A-	40A	48.60							57.0	54.0
CBTM-50A-	50A	60.50							63.0	60.0
CBTM-65A-	65A	76.30	285.0	430.0	575.0	720.0	70.0	145.0	71.0	68.0
CBTM-80A-	80A	89.10							77.0	74.5
CBTM-100A-	100A	114.30							90.0	87.0

Multi Header Joint Tee

**CBTMJ**



Pipe Size

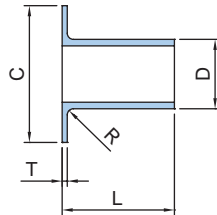
Part No.	Pipe O.D. D		Dimension (mm)							
			L				L1	L2	Tube-End	Female
	N.S.	mm	Number of Branches							
			2	3	4	5				
CBTMJ-10A-	10A	17.30	245.0	370.0	495.0	620.0	125.0	29.0	44.0	37.0
CBTMJ-15A-	15A	21.70						31.0	39.5	
CBTMJ-20A-	20A	27.20						34.0	42.5	
CBTMJ-25A-	25A	34.00						42.0	46.5	
CBTMJ-32A-	32A	42.70						46.0	51.0	
CBTMJ-40A-	40A	48.60						49.0	54.0	
CBTMJ-50A-	50A	60.50						60.0	60.0	
CBTMJ-65A-	65A	76.30	285.0	430.0	575.0	750.0	145.0	68.0	71.0	68.0
CBTMJ-80A-	80A	89.10						74.5	74.5	
CBTMJ-100A-	100A	114.30						87.0	87.0	

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## Clean Flanges

Lab Joint Flange

### CFL

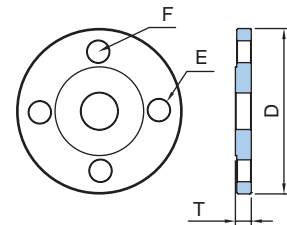


Pipe Size

Part No.	Pipe O.D. D		Dimension (mm)				
	N.S.	mm	L	JIS 10K	JIS 5K	R	T
				C			
CFL-10A-	10A	17.3	55.0	46.0	39.0	3.0	2.5
CFL-15A-	15A	21.7	55.0	51.0	44.0	3.0	2.5
CFL-20A-	20A	27.2	55.0	56.0	49.0	3.0	2.5
CFL-25A-	25A	34.0	55.0	67.0	59.0	3.0	2.5
CFL-32A-	32A	42.7	70.0	76.0	70.0	3.0	2.5
CFL-40A-	40A	48.6	70.0	81.0	75.0	3.0	2.5
CFL-50A-	50A	60.5	70.0	96.0	85.0	4.0	2.5
CFL-65A-	65A	76.3	75.0	116.0	110.0	4.0	2.5
CFL-80A-	80A	89.1	75.0	126.0	121.0	5.0	2.5
CFL-100A-	100A	114.3	75.0	151.0	141.0	5.0	2.5

JIS RF Flange

### CFJR

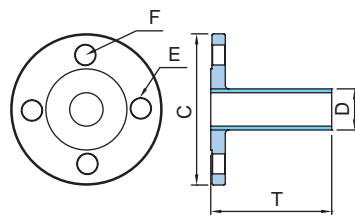


Pipe Size

Part No.	Pipe O.D. D			Dimension (mm)							
	JIS	5K mm	10K mm	5K				10K			
				D	E	F	T	D	E	F	T
CFJR-10A-	10A	75	90	75.0	M10	4.0	9.0	90.0	M12	4.0	12.0
CFJR-15A-	15A	80	95	80.0	M10	4.0	9.0	95.0	M12	4.0	12.0
CFJR-20A-	20A	85	100	85.0	M10	4.0	10.0	100.0	M12	4.0	14.0
CFJR-25A-	25A	95	125	95.0	M10	4.0	10.0	125.0	M16	4.0	14.0
CFJR-32A-	32A	115	135	115.0	M12	4.0	12.0	135.0	M16	4.0	16.0
CFJR-40A-	40A	120	140	120.0	M12	4.0	12.0	140.0	M16	4.0	16.0
CFJR-50A-	50A	130	155	130.0	M12	4.0	14.0	155.0	M16	4.0	16.0
CFJR-65A-	65A	155	175	155.0	M12	4.0	14.0	175.0	M16	4.0	18.0
CFJR-80A-	80A	180	185	180.0	M16	4.0	16.0	185.0	M16	8.0	18.0
CFJR-100A-	100A	200	210	200.0	M16	8.0	16.0	210.0	M16	8.0	18.0

Pipe Flange

### CFP

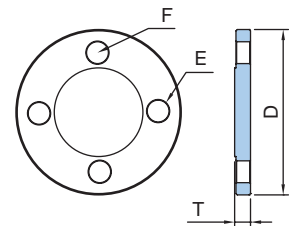


Pipe Size

Part No.	Pipe O.D. D		Dimension (mm)			
	N.S.	mm	L	C	E	F
CFP-10A-	10A	17.3	100.0	90.0	M12	4.0
CFP-15A-	15A	21.7	100.0	95.0	M12	4.0
CFP-20A-	20A	27.2	100.0	100.0	M12	4.0
CFP-25A-	25A	34.0	100.0	125.0	M16	4.0
CFP-32A-	32A	42.7	100.0	135.0	M16	4.0
CFP-40A-	40A	48.6	100.0	140.0	M16	4.0
CFP-50A-	50A	60.5	100.0	155.0	M16	4.0
CFP-65A-	65A	76.3	100.0	175.0	M16	4.0
CFP-80A-	80A	89.1	100.0	185.0	M16	4.0
CFP-100A-	100A	114.3	100.0	210.0	M16	4.0

JIS Blind Flange

### CFJB



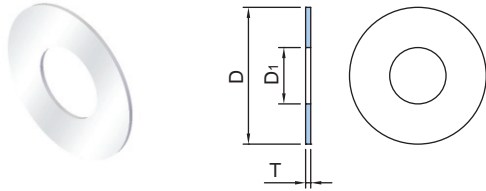
Pipe Size

Part No.	Pipe O.D. D			Dimension (mm)							
	JIS	5K mm	10K mm	5K				10K			
				D	E	F	T	D	E	F	T
CFJB-10A-	10A	75	90	75.0	M10	4.0	9.0	90.0	M12	4.0	12.0
CFJB-15A-	15A	80	95	80.0	M10	4.0	9.0	95.0	M12	4.0	12.0
CFJB-20A-	20A	85	100	85.0	M10	4.0	10.0	100.0	M12	4.0	14.0
CFJB-25A-	25A	95	125	95.0	M10	4.0	10.0	125.0	M16	4.0	14.0
CFJB-32A-	32A	115	135	115.0	M12	4.0	12.0	135.0	M16	4.0	16.0
CFJB-40A-	40A	120	140	120.0	M12	4.0	12.0	140.0	M16	4.0	16.0
CFJB-50A-	50A	130	155	130.0	M12	4.0	14.0	155.0	M16	4.0	16.0
CFJB-65A-	65A	155	175	155.0	M12	4.0	14.0	175.0	M16	4.0	18.0
CFJB-80A-	80A	180	185	180.0	M16	4.0	16.0	185.0	M16	8.0	18.0
CFJB-100A-	100A	200	210	200.0	M16	8.0	16.0	210.0	M16	8.0	18.0

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JIS Flange Gasket - PTFE

**CFJG**



Part No.	Pipe O.D. D			Dimension (mm)			
	JIS	5K	10K	5K		10K	
		mm	mm	D1	T	D1	T
CFJG-10A-	10A	45	53	18	2	18	2
CFJG-15A-	15A	50	58	22	2	22	2
CFJG-20A-	20A	55	63	28	2	28	2
CFJG-25A-	25A	65	74	35	2	25	2
CFJG-32A-	32A	78	84	43	2	43	2
CFJG-40A-	40A	83	89	49	2	49	2
CFJG-50A-	50A	93	104	61	2	61	2
CFJG-65A-	65A	118	124	77	2	77	2
CFJG-80A-	80A	129	134	90	2	90	2
CFJG-100A-	100A	149	159	115	2	115	2

**JIS Flange Ordering Information**

Part Number - Pressure Rating-

**Example : CFJR-32A-5K-**

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