

**Clean Pipe/Tube
Fittings & Flanges**



Clean Pipe/Tube Fittings & Flanges

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Clean Pipe & Tube Fittings



CBE 277
Elbow 90°



CBVE 279
Elbow 45°



CBT 280
Tee



CBTR 280
Reducing Tee



CBCR 281
Concentric Reducer



CBCA 281
Cap



CBCAR 281
Cap Reducer



CBTJ 280
Joint Tee



CBRJ 280
Joint Reducer



CBCJ 280
Joint Cap



CBTM 280
Multi Header Tee



CBTMJ 280
Multi Header Joint Tee



CFL 280
Lab Joint Flange



CFJR 280
JIS RF Flange



CFP 280
Pipe Flange



CFJB 280
JIS Blind Flange

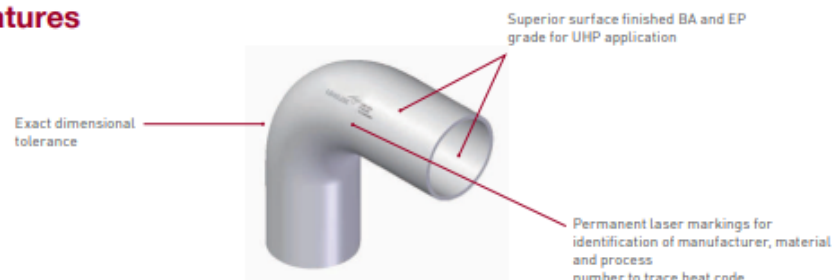


CFJG 280
JIS Flange Gasket

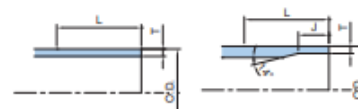
Clean Flanges

UNILOK® 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

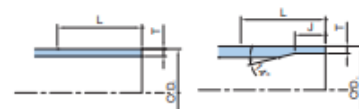


Pipe Size & Weld Bevel End Manufacture Form



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	
		5S	10S		5S	10S
Normal	mm	mm		mm	mm	
8A	13.80	1.20	1.65	29	4	7
10A	17.30	1.20	1.65	36	4	7
15A	21.70	1.65	2.10	36	5	7
20A	27.20	1.65	2.10	36	5	7
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	2.80	46	5	7
65A	76.30	2.10	3.00	51	6	11
80A	89.10	2.10	3.00	51	6	11
100A	114.30	2.10	3.00	51	6	11
125A	139.80	2.80	3.40	-	7	-
150A	165.20	2.80	3.40	-	7	-
200A	216.30	2.80	4.00	-	7	-
250A	267.40	3.40	4.00	-	-	-
300A	318.50	4.00	4.50	-	-	-
350A	355.60	4.00	4.80	-	-	-
400A	406.40	4.20	4.80	-	-	-

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

Pipe Size O.D.		Wall Thickness T	Straight End Length L	Thinning Length J
inch	mm	mm	mm	mm
1/4	6.35	1.00[0.89]	29	7
3/8	9.53	1.00[0.89]	29	7
1/2	12.70	1.00[1.24/1.65]	29	7
5/8	15.88	1.00[1.24]	36	7
3/4	19.05	1.65[1.24]	36	7
1	25.40	1.65[1.24]	36	7
1 1/4	31.80	1.65	36	7
1 1/2	38.10	1.65	46	7
2	50.80	1.65	46	7
2 1/2	63.50	1.65	51	7
3	76.20	1.65	51	11
4	101.60	2.11	51	11
5	127.00	2.77[3.05]	56	11
6	152.40	2.77[3.05]	56	11

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

Materials

	Materials	Specification
Pipe	304SS	JIS SUS304
	304LSS	JIS SUS304L
	316SS	JIS SUS316
	316LSS	JIS SUS316L
Tube	316LSS	ASTM A269 TP316/316L

Internal Surface Finish Levels

Grade	Size	Internal Surface Finish Level Ra (μinch)
BA	1/4" ≤ O.D. ≤ 1"	≤ 20
	25A ≤ O.D. ≤ 100A	≤ 25
EP	1/4" ≤ O.D. ≤ 80A	≤ 10
	O.D. ≥ 100A	

How To Order

UNILOK Clean Pipe & Tube Fittings are ordered by part number as shown below.

CB	E	25A	-	S05	-	SL	S	-	EP
UNILOK Clean Fittings Type	Fitting or Flange Type	Connection Size		Wall Thickness		Material	Method of Manufacture		Surface Finish Level

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	3	4	5	6
	mm	3.17	6.35	9.52	12.70	19.05	25.40	31.80	38.10	50.80	76.20	101.60	127.00	152.40
Designator		02	04	06	08	12	16	20	24	32	48	64	80	96

Connection Size																			
Tube O.D.	Normal	8A	10A	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A
	mm	13.8	17.3	21.7	27.2	34.0	42.7	48.6	60.5	76.3	89.1	114.3	139.8	165.2	216.3	267.4	318.5	355.6	406.4
Designator		8A	10A	15A	20A	25A	32A	40A	50A	65A	80A	100A	125A	150A	200A	250A	300A	350A	400A

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

Wall Thickness									
Normal or inch	Pipe		Tube						
	5S	10S	0.035	0.039	0.049	0.065	0.083	0.109	0.120
mm	-	-	0.89	1.00	1.24	1.65	2.11	2.77	3.05
Designator	S05	S10	T035	T100	T049	T065	T083	T109	T120

Refer to sizes in page 277 for more details.

Particle Contribution Test

According to ASTM F1394-92.

Moisture Contribution Test

According to SEMA-90120397B-STD.

Cleaning

All components are precisely cleaned with 18MQ 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.

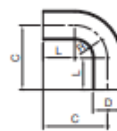
Referenced specification : SEMI E49.1.

Example: The following part number, **CBE-25AS05-SLS-EP** is designated for 90° Elbow, 25A Pipe Size, 316LSS, EP.

Clean Pipe & Tube Fittings

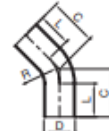
CBE

Elbow 90°



CBVE

Elbow 45°



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

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

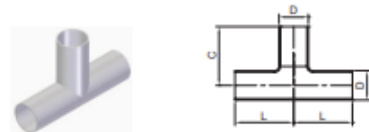
Tube Size - Long Radius

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	25.40	69.0	33.0	36.0
CBE-20-	1 1/4	31.80	84.0	47.6	36.0
CBE-24-	1 1/2	38.10	104.0	57.2	46.0
CBE-32-	2	50.80	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	25.40	50.0	33.0	36.0
CBVE-20-	1 1/4	31.80	56.0	47.6	36.0
CBVE-24-	1 1/2	38.10	70.0	57.2	46.0
CBVE-32-	2	50.80	78.0	76.2	46.0

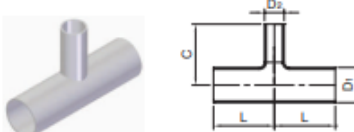
Dimensions are for reference only and are subject to change without prior notice.

CBT**Tee****Pipe Size**

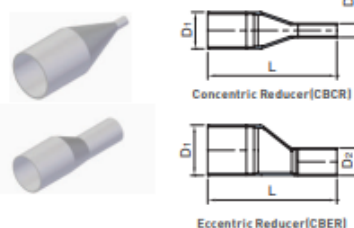
Part No.	Pipe O.D. D		Dimension (mm)	
	N.S.	mm	L	C
CBT-8A-	8A	13.80	42.0	42.0
CBT-10A-	10A	17.30	49.0	49.0
CBT-15A-	15A	21.70	59.0	59.0
CBT-20A-	20A	27.20	65.0	65.0
CBT-25A-	25A	34.00	68.0	68.0
CBT-32A-	32A	42.70	88.0	88.0
CBT-40A-	40A	48.60	95.0	95.0
CBT-50A-	50A	60.50	102.0	102.0
CBT-65A-	65A	76.30	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	25.40	55.0	55.0
CBT-20-	1 1/4	31.80	59.0	59.0
CBT-24-	1 1/2	38.10	74.0	74.0
CBT-32-	2	50.80	77.0	77.0

CBTR**Reducing Tee****Pipe Size**

Part No.	Pipe O.D. D								Dimension (mm)		
	D ₁	D ₂							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
CBTR-50A-*.~	50A	32A	40A	1-1/2"					77.0	77.0	
		8A	1/4"	3/8"	1/2"				57.0	63.0	
CBTR-50A-*.~	50A	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
CBTR-65A-*.~	65A	32A	40A	50A	1-1/2"	2"			88.0	90.0	
		8A	1/4"	3/8"	1/2"				61.0	77.0	
CBTR-80A-*.~	80A	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	
CBTR-80A-*.~	80A	65A							103.0	103.0	
		8A	1/4"	3/8"	1/2"				61.0	90.0	
CBTR-100A-*.~	100A	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	
CBTR-100A-*.~	100A	65A	80A						116.0	116.0	

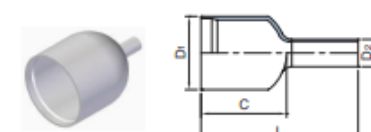
CBCR**Concentric Reducer****Pipe Size**

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

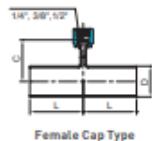
Order to eccentric reducer, replace C with E
Examples : CBTR-25A05-20A05S-SLS-EP

CBCA**Cap****Pipe Size**

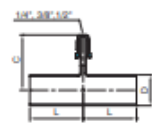
Part No.	Pipe O.D. D		Dimension (mm)	
	N.S.	mm	L	T
CBCA-8A-	8A	13.80	12.7	1.20
CBCA-10A-	10A	17.30	19.1	1.20
CBCA-15A-	15A	21.70	25.4	1.65
CBCA-20A-	20A	27.20	25.4	1.65
CBCA-25A-	25A	34.00	38.1	1.65
CBCA-32A-	32A	42.70	38.1	1.65
CBCA-40A-	40A	48.60	38.1	1.65
CBCA-50A-	50A	60.50	38.1	1.65
CBCA-65A-	65A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

CBCAR**Cap Reducer****Pipe Size**

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

CBTJ**Joint Tee**

Female Cap Type



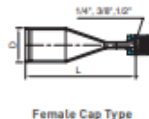
Male Plug Type

Pipe Size

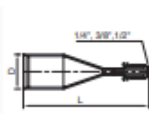
Part No.	Pipe O.D. D		Dimension (mm)		
	N.S.	mm	L	Female	Male
				C	C
CBTJ-10A-	10A	17.30	52.0	37.0	47.0
CBTJ-15A-	15A	21.70	52.0	39.5	49.5
CBTJ-20A-	20A	27.20	55.0	42.5	52.5
CBTJ-25A-	25A	34.00	59.0	46.5	56.5
CBTJ-32A-	32A	42.70	68.0	51.0	61.0
CBTJ-40A-	40A	48.60	68.0	54.0	64.0
CBTJ-50A-	50A	60.50	68.0	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

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	25.40	55.0	42.0	52.0
CBTJ-20-	1 1/4	31.80	59.0	45.5	55.5
CBTJ-24-	1 1/2	38.10	68.0	48.0	58.0
CBTJ-32-	2	50.80	68.0	55.0	65.0

CBRJ**Joint Reducer**

Female Cap Type



Male Plug Type

Pipe Size

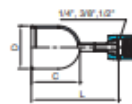
Part No.	Pipe O.D. D		Dimension (mm)	
	N.S.	mm	Female	Male
			L	L
CBRJ-10A-	10A	17.30	100.0	110.0
CBRJ-15A-	15A	21.70	110.0	120.0
CBRJ-20A-	20A	27.20	115.0	125.0
CBRJ-25A-	25A	34.00	130.0	140.0

Tube Size

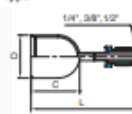
Part No.	Tube O.D. D		Dimension (mm)	
	inch	mm	Female	Male
			L	L
CBRJ-08-	1/2	12.70	85.0	95.0
CBRJ-12-	3/4	19.05	110.0	120.0
CBRJ-16-	1	25.40	115.0	125.0

CBCJ**Joint Cap**

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	91.0
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	25.40	25.4	55.0	65.0
CBCJ-20-	1 1/4	31.80	38.1	68.0	78.0
CBCJ-24-	1 1/2	38.10	38.1	68.0	78.0
CBCJ-32-	2	50.80	38.1	68.0	78.0

Joint Fittings Ordering Information

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

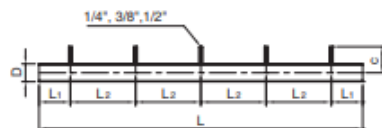
To order, add the designators next to part number.

Example : CBCJ-25AS05-04CP

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

CBTM

Multi Header Tee

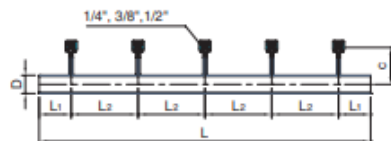
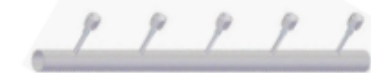


Pipe Size

Part No.	Pipe O.D. D		Dimension (mm)						
	N.S.	mm	L				L ₁	L ₂	Tube-End
			Number of Branches						C
			2	3	4	5			
CBTM-10A-	10A	17.30	245.0	370.0	495.0	620.0	60.0	125.0	44.0
CBTM-15A-	15A	21.70							44.0
CBTM-20A-	20A	27.20							47.0
CBTM-25A-	25A	34.00							50.0
CBTM-32A-	32A	42.70							54.0
CBTM-40A-	40A	48.60							57.0
CBTM-50A-	50A	60.50	285.0	430.0	575.0	720.0	70.0	145.0	63.0
CBTM-65A-	65A	76.30							71.0
CBTM-80A-	80A	89.10							77.0
CBTM-100A-	100A	114.30							90.0

CBTMJ

Multi Header Joint Tee



Pipe Size

Part No.	Pipe O.D. D		Dimension (mm)						
	N.S.	mm	L				L ₁	L ₂	Female
			Number of Branches						C
			2	3	4	5			
CBTMJ-10A-	10A	17.30	308.0	433.0	558.0	683.0	29.0	125.0	37.0
CBTMJ-15A-	15A	21.70	312.0	437.0	562.0	687.0	31.0		39.5
CBTMJ-20A-	20A	27.20	318.0	443.0	568.0	693.0	34.0		42.5
CBTMJ-25A-	25A	34.00	334.0	459.0	584.0	709.0	42.0		46.5
CBTMJ-32A-	32A	42.70	342.0	467.0	592.0	717.0	46.0		51.0
CBTMJ-40A-	40A	48.60	348.0	473.0	598.0	723.0	49.0	145.0	54.0
CBTMJ-50A-	50A	60.50	370.0	495.0	620.0	745.0	60.0		60.0
CBTMJ-65A-	65A	76.30	426.0	571.0	716.0	861.0	68.0		68.0
CBTMJ-80A-	80A	89.10	439.0	584.0	729.0	874.0	74.5		74.5
CRTMJ-100A-	100A	114.30	440.0	605.0	750.0	895.0	85.0		87.0

Multi Header Tee, Multi Header Joint Tee Ordering Information

To order, add -branches size and -number of branches.

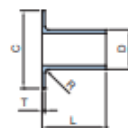
Example : CBTM-25AS05-04T-5

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

Clean Flanges

CFL

Lab Joint Flange

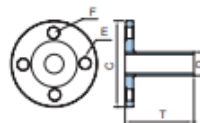


Pipe Size

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

CFP

Pipe Flange

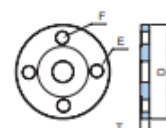


Pipe Size

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

CFJR

JIS RF Flange

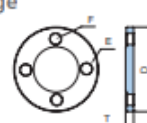


Pipe Size

Part No.	Pipe O.D. D			Dimension (mm)							
	JIS	5K		5K				10K			
		mm	mm	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	18.0
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	14.0	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

CFJB

JIS Blind Flange

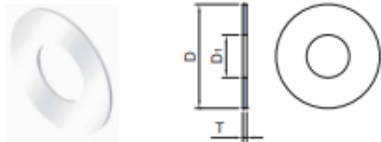


Pipe Size

Part No.	Pipe O.D. D			Dimension (mm)							
	JIS	5K	10K	5K				10K			
		mm	mm	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	14.0	185.0	M16	8.0	18.0
CFJB-100A-	100A	200	210	200.0	M16	8.0	19	210.0	M16	8.0	18.0

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

CFJG
JIS Flange Gasket - PTFE



Pipe Size

Part No.	Pipe O.D. D			Dimension (mm)			
	JIS	5K	10K	5K		10K	
		mm	mm	D ₁	T	D ₁	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	35	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-32AS05-5K