

SHONAN ITN

SHONAN ITN

FLANGE™

VACUUM COMPONENTS

KF | ISO | CF | CENTERING RING | BELLOWS | FITTINGS

真空配管を、より速く、確実に。

SHONAN ITN Co., Ltd.



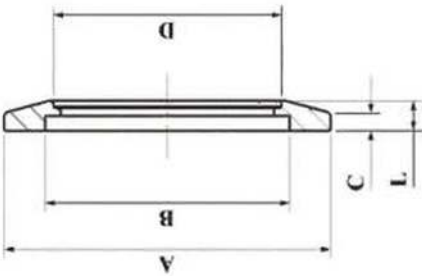
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

SHORT WELD FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D	L
KF10	30	12.2	3	12.9	5
KF16	30	17.2	3	19.3	4.3
KF25	40	26.2	3	25.7	5
KF40	55	41.2	3	38.4	5
KF50	75	52.2	3	51	5
KF63	87	70	3	63.7	5
KF80	114	83	8	76.4	12
KF100	134	102	8	101.8	12
KF160	190	153	8	152.9	12
KF200	252	213	8	204	12
KF250	301	261	8	255	12
DN10	30	12.2	3	14.2	5
DN16	30	17.2	3	20.2	5
DN25	40	26.2	3	28.2	5
DN40	55	41.2	3	45.2	5
DN50	75	52.2	3	54.2	5



KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

BLANK FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	L
KF10	30	12.2	3	5
KF16	30	17.2	3	5
KF25	40	26.2	3	5
KF40	55	41.2	3	5
KF50	75	52.2	3	5
KF63	87	70	3	5
KF80	114	83	8	12
KF100	134	102	8	12
KF160	190	153	8	12
KF200	252	213	8	12
KF250	301	261	8	12
DN10	30	12.2	3	5
DN16	30	17.2	3	5
DN25	40	26.2	3	5
DN40	55	41.2	3	5
DN50	75	52.2	3	5
DN63	87	70	3	5
DN80	114	83	8	12
DN100	134	102	8	12



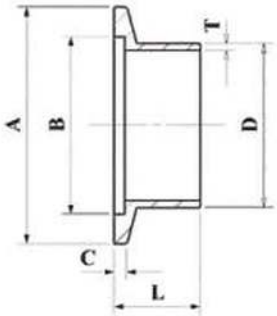
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

SHORT WELD FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D	T	L
KF10	30	12.2	3	12.7	1.65	19.05
KF16	30	17.2	3	19.05	1.65	19.05
KF25	40	26.2	3	25.4	1.65	19.05
KF40	55	41.2	3	38.1	1.65	19.05
KF50	75	52.2	3	50.8	1.65	19.05
KF63	87	70	3	63.5	1.65	20
KF80	114	83	3	76.2	1.65	20
KF100	134	102	3	101.6	1.65/2.1	20
KF125	160	127	3	127	2.1	20
KF160	190	153	3	152.4	2.1/2.77	20
KF200	252	213	3	203.2	2.77	20
KF250	301	261	3	254	2.77	20
DN10	30	12.2	3	14	2	20
DN16	30	17.2	3	20	2	20
DN25	40	26.2	3	28	2	20
DN40	55	41.2	3	45	2	20
DN50	75	52.2	3	54	2	20
DN50	75	52.2	3	57	2	20
DN50	75	52.2	3	60.5	2.77	20



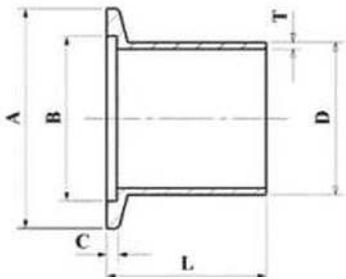
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

LONG WELD FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D	T	L
KF10	30	12.2	3	12.7	1.65	40
KF16	30	17.2	3	19.05	1.65	40
KF25	40	26.2	3	25.4	1.65	40
KF40	55	41.2	3	38.1	1.65	40
KF50	75	52.2	3	50.8	1.65	40
DN10	30	12.2	3	14	2	70
DN16	30	17.2	3	20	2	70
DN25	40	26.2	3	28	2	70
DN40	55	41.2	3	45	2	70
DN50	75	52.2	3	54	2	70
DN50	75	52.2	3	57	2	70
DN50	75	52.2	3	60.5	2.77	70



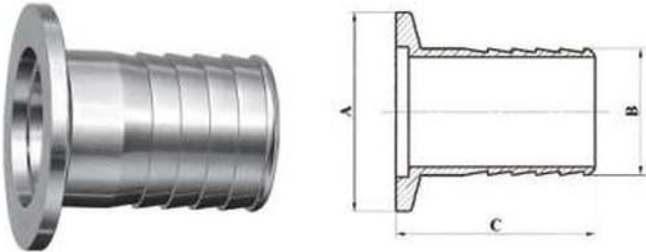
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF RUBBER HOSE ADAPTOR

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
KF16	30	12.70	40
KF25	40	25.40	40
KF40	55	38.10	40
KF50	75	50.80	40



KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

CONRED FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
KF16CR10	30	30
KF25CR10	40	30
KF25CR16	40	30
KF40CR16	55	30
KF40CR25	55	40
KF50CR16	75	30
KF50CR25	75	40
KF50CR40	75	55



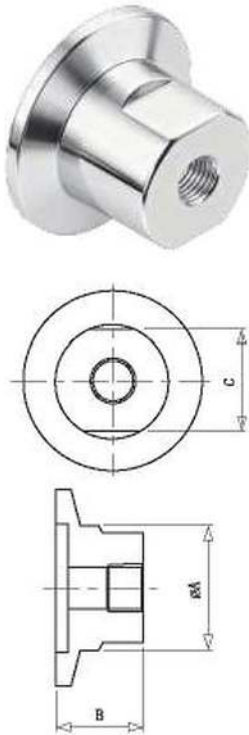
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF-FEMALE PIPE ADAPTOR

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	Tread
KF16FPT3	19.05	25	17	1/8"PT
KF25FPT3	25.4	25	19	1/8"PT
KF40FPT3	38.1	25	32	1/8"PT
KF50FPT3	50.8	25	46	1/8"PT
KF16FPT6	19.05	25	17	1/4"PT
KF25FPT6	25.4	25	19	1/4"PT
KF40FPT6	38.1	25	32	1/4"PT
KF50FPT6	50.8	25	46	1/4"PT
KF16FNPT3	19.05	25	17	1/8"NPT
KF25FNPT3	25.4	25	19	1/8"NPT
KF40FNPT3	38.1	25	32	1/8"NPT
KF50FNPT3	50.8	25	46	1/8"NPT
KF16FNPT6	19.05	25	17	1/4"NPT
KF25FNPT6	25.4	25	19	1/4"NPT
KF40FNPT6	38.1	25	32	1/4"NPT
KF50FNPT6	50.8	25	46	1/4"NPT



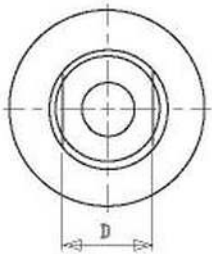
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF MALE PIPE ADAPTOR

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D	Tread
KF16MPT3	30	35	4.7	10	1/8"PT
KF16MPT6	30	35	7.1	14	1/4"PT
KF25MPT3	40	35	4.7	10	1/8"PT
KF25MPT6	40	35	7.1	14	1/4"PT
KF25MPT13	40	40	11.9	22	1/2"PT
KF25MPT19	40	40	15.9	27	3/4"PT
KF40MPT6	55	35	7.1	14	1/4"PT
KF40MPT13	55	40	11.9	22	1/2"PT
KF40MPT19	55	40	15.9	27	3/4"PT
KF40MPT25	55	45	22.2	36	1"PT
KF50MPT6	75	35	7.1	14	1/4"PT
KF50MPT13	75	40	11.9	22	1/2"PT
KF50MPT19	75	40	15.9	27	3/4"PT
KF50MPT25	75	45	22.2	36	1"PT
KF16MNPT3	30	35	4.7	10	1/8"NPT
KF16MNPT6	30	35	7.1	14	1/4"NPT
KF25MNPT3	40	35	4.7	10	1/8"NPT
KF25MNPT6	40	35	7.1	14	1/4"NPT
KF25MNPT13	40	40	11.9	22	1/2"NPT



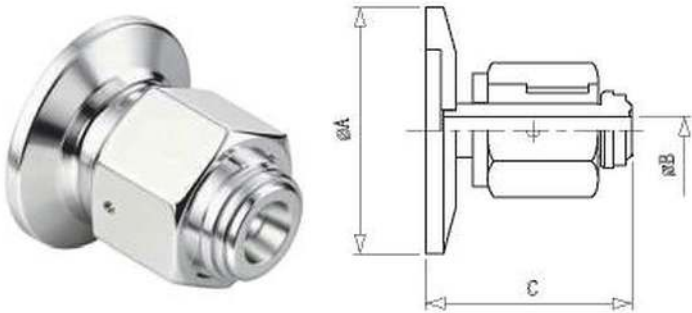
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF-VCR FEMALE ADAPTOR

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	Tread
KF16FVCR6	30	4.4	37	1/4"
KF16FVCR13	30	10.4	41.9	1/2"
KF25FVCR6	40	4.4	37	1/4"
KF25FVCR13	40	10.4	41.9	1/2"
KF40FVCR6	55	4.4	37	1/4"
KF40FVCR13	55	10.4	41.9	1/2"
KF50FVCR6	75	4.4	37	1/4"
KF50FVCR13	75	10.4	41.9	1/2"



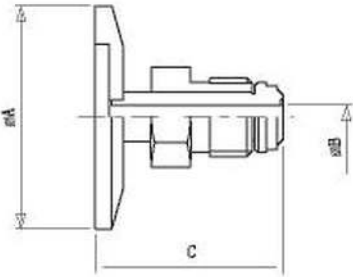
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF-VCR MALE ADAPTOR

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	Tread
KF16MVCR6	30	4.4	37	1/4"
KF16MVCR13	30	10.4	41.9	1/2"
KF25MVCR6	40	4.4	37	1/4"
KF25MVCR13	40	10.4	41.9	1/2"
KF40MVCR6	55	4.4	37	1/4"
KF40MVCR13	55	10.4	41.9	1/2"
KF50MVCR6	75	4.4	37	1/4"
KF50MVCR13	75	10.4	41.9	1/2"



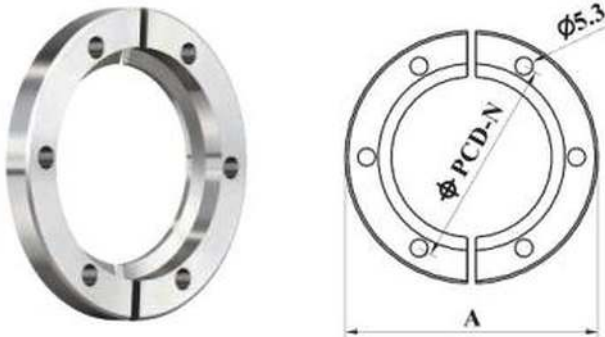
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF BULKHEAD CLAMPS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	PCD-N
KF16	50.8	38-6
KF25	60.4	48-6
KF40	74.6	62-6
KF50	95.0	83-8



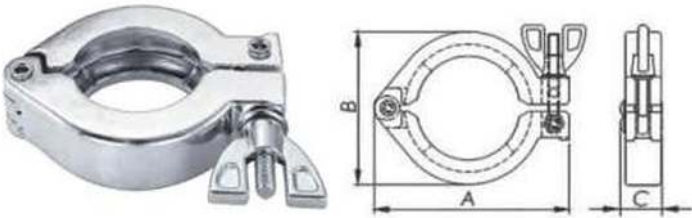
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF CLAMPS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
KF16	61.0	40	15
KF25	70.0	50	15
KF40	88.0	68	15
KF50	111.0	88	18



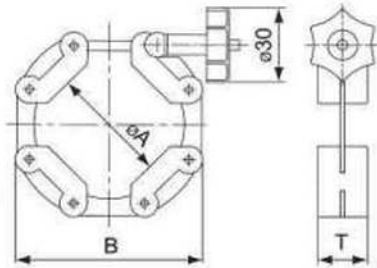
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF CHAIN CLAMP

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	T
KF16	22.0	56	20.3
KF25	32.0	66	20.3
KF40	46.0	80	20.3
KF50	69.0	100	20.3
KF63	78.0	112	20.3



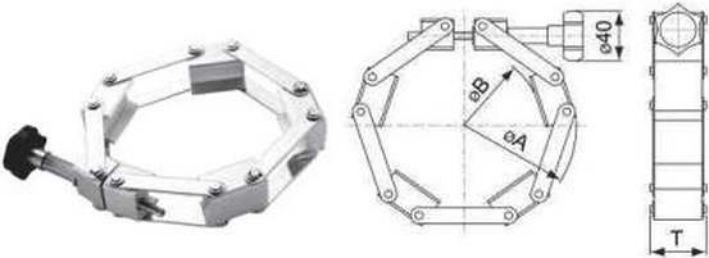
KF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF CHAIN CLAMP

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	T
KF80	165.0	100	37
KF100	185.0	121	37
KF125	210.0	150	37
KF160	235.0	178	37
KF200	300.0	240	37
KF250	350.0	288	37



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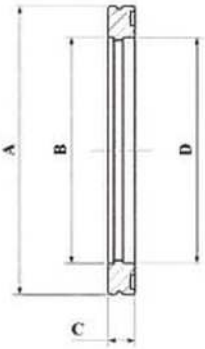
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

BORED FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D
ISO63	95	70	12	63.7
ISO80	110	83	12	76.4
ISO100	130	102	12	102
ISO125	155	127	12	127.5
ISO160	180	153	12	153
ISO200	240	213	12	204
ISO250	290	261	12	255
DN63	95	70	12	70.3
DN80	110	83	12	85.3
DN80	110	83	12	89.2
DN100	130	102	12	104.3
DN100	130	102	12	108.3
DN100	130	102	12	114.6
DN125	155	127	12	129.5
DN160	180	153	12	159.6
DN200	240	213	12	219.6
DN250	290	261	12	274



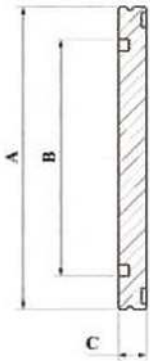
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

BLANK FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
ISO/DN63	95	70	12
ISO/DN80	110	83	12
ISO/DN100	130	102	12
ISO/DN125	155	127	12
ISO/DN160	180	153	12
ISO/DN200	240	213	12
ISO/DN250	290	261	12



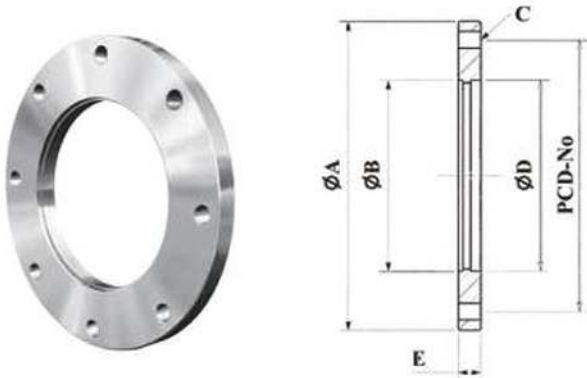
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

BOLTED FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	D	E	C	PCD-No
ISO63	130	70	63.7	12	9	110-4
ISO80	145	83	76.4	12	9	125-8
ISO100	165	102	102	12	9	145-8
ISO125	200	127	127.5	12	11	175-8
ISO160	225	153	153	16	11	200-8
ISO200	285	213	204	16	11	260-12
ISO250	335	261	255	16	11	310-12
DN63	130	70	70.3	12	9	110-4
DN80	145	83	85.3	12	9	125-8
DN80	145	83	89.2	12	9	125-8
DN100	165	102	104.3	12	9	145-8
DN100	165	102	108.3	12	9	145-8
DN100	165	102	114.6	12	9	145-8
DN125	200	127	129.5	12	11	175-8
DN160	225	153	159.6	16	11	200-8
DN200	285	213	219.6	16	11	260-12
DN250	335	261	274	16	11	310-12



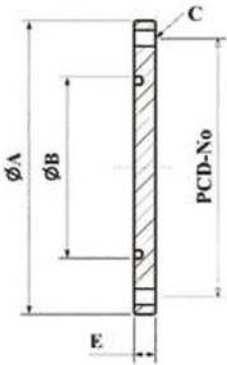
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

BLANK BOLTED FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	E	PCD-No
ISO/DN63	130	70	9	12	110-4
ISO/DN80	145	83	9	12	125-8
ISO/DN100	165	102	9	12	145-8
ISO/DN125	200	127	11	12	175-8
ISO/DN160	225	153	11	16	200-8
ISO/DN200	285	213	11	16	260-12
ISO/DN250	335	261	11	16	310-12



2.3

ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

HALF NIPPLES

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	D
ISO63	95	100	63.5
ISO80	110	100	76.2
ISO100	130	100	101.6
ISO125	155	100	127
ISO160	180	100	152.4
ISO200	240	100	203.2
ISO250	290	100	254
DN63	95	100	70
DN80	110	100	85
DN80	110	100	89
DN100	130	100	104
DN100	130	100	108
DN100	130	100	114.3
DN125	155	100	129
DN160	180	100	159
DN200	240	100	210



ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

DN200	240	100	217
DN250	290	100	273

FULL NIPPLES

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
ISO63	95	100
ISO80	110	100
ISO100	130	100
ISO125	155	100
ISO160	180	100
ISO200	210	100



ISO FLANGE SERIES

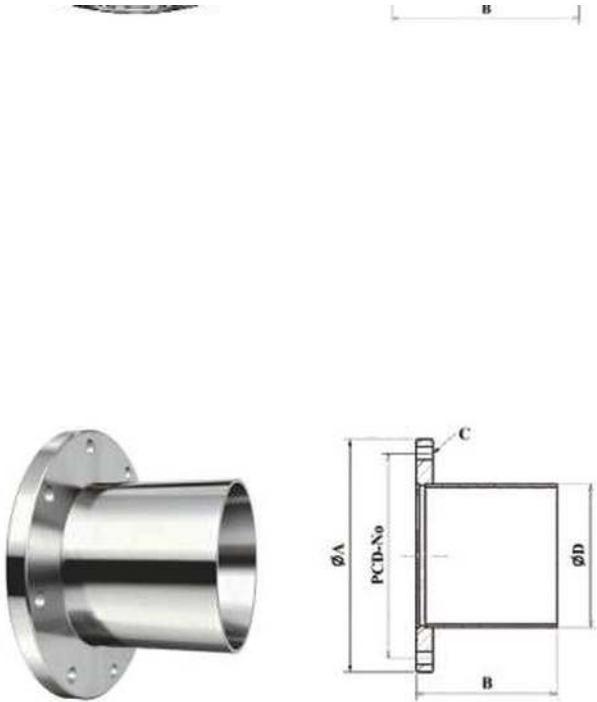
Material: SUS304 / 304L / 316L | Dimensions: mm

ISO200	240	100
ISO250	290	100

HALF NIPPLES

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D	PCD-No
ISO63	95	100	9	63.5	110-4
ISO80	110	100	9	76.2	125-8
ISO100	130	100	9	101.6	145-8
ISO125	155	100	11	127	175-8
ISO160	180	100	11	152.4	200-8
ISO200	240	100	11	203.2	260-12
ISO250	290	100	11	254	310-12
DN63	95	100	9	70	110-4
DN80	110	100	9	85	125-8
DN80	110	100	9	89	125-8
DN100	130	100	9	104	145-8
DN100	130	100	9	108	145-8
DN100	130	100	11	114.3	145-8
DN125	155	100	11	129	175-8
DN160	180	100	11	159	200-8
DN200	240	100	11	219	260-12
DN250	290	100	11	273	310-12



ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

REDUCING NIPPLES

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
ISO63-KF25	95	40	42
ISO63-KF40	95	55	42
ISO63-KF50	95	75	42
ISO80-KF25	110	40	42
ISO80-KF40	110	55	42
ISO80-KF50	110	75	42
ISO100-KF25	130	40	42
ISO100-KF40	130	55	42
ISO100-KF50	130	75	42
ISO160-KF25	180	40	42
ISO160-KF40	180	55	42
ISO160-KF50	180	75	42



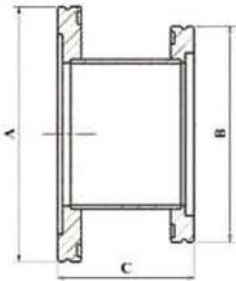
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

REDUCING NIPPLES

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
ISO80-ISO63	110	95	75
ISO100-ISO63	130	95	75
ISO100-ISO80	130	110	75
ISO160-ISO63	180	95	75
ISO160-ISO80	180	110	75
ISO160-ISO100	180	130	75



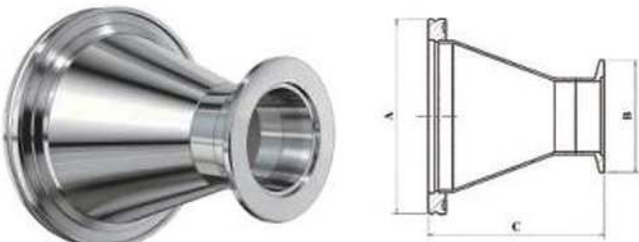
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

ISO-KF CONICAL REDUCING ADAPTOR

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
ISO63-KF40	95	55	85.5
ISO63-KF50	95	75	85.5
ISO80-KF40	110	55	117
ISO80-KF50	110	75	117
ISO100-KF40	130	55	117
ISO100-KF50	130	75	117



2.5

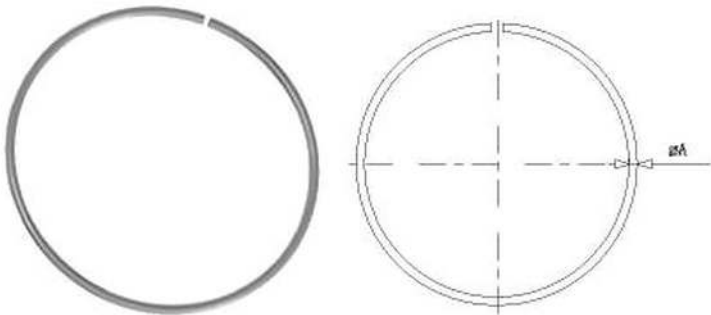
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

SPLIT RETAINER RING

Material:304/304L/316L
Dimensions(mm)

SIZE	A
ISO63	3
ISO80	3
ISO100	3
ISO160	4.5
ISO200	4.5
ISO250	4.5
ISO320	4.5
ISO400	8
ISO500	8



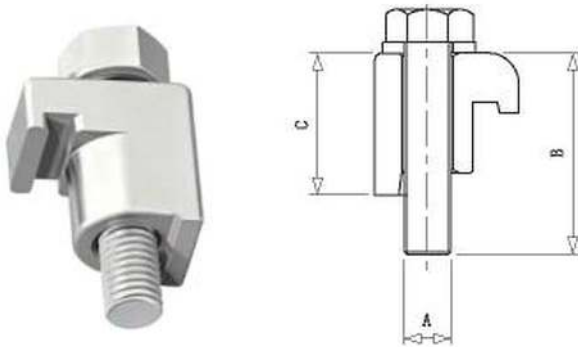
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

SINGLE WALL CLAMP

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
ISO63-100	M8	35	23
ISO160-250	M10	35	23
ISO320-500	M12	50	30



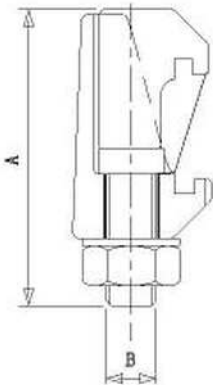
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

DOUBLE CLAW CLAMP

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
ISO63-100	60	M8
ISO160-250	63	M10
ISO320-500	83	M12



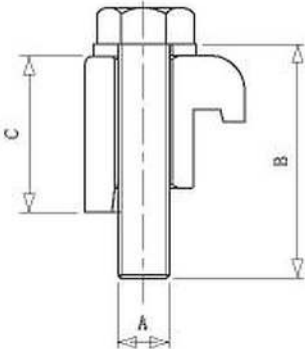
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

SINGLE WALL CLAMP

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
ISO63-100	M8	35	23.5
ISO160-250	M10	35	23.5
ISO320-500	M12	50	30



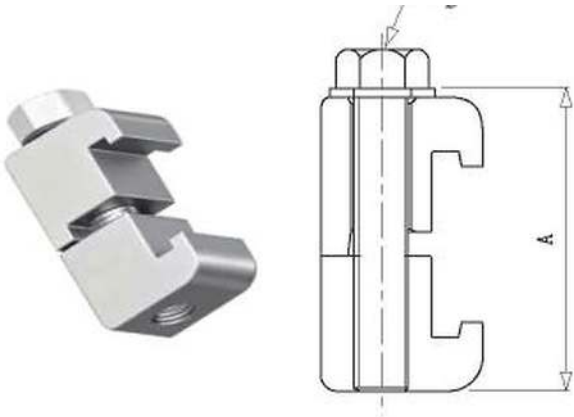
ISO FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

DOUBLE WALL CLAMP

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
ISO63-100	45	M8
ISO160-250	45	M10
ISO320-500	60	M12



2.7

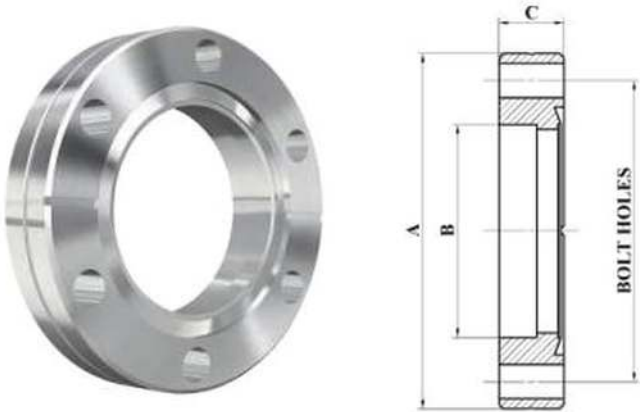
CF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

CF BORED FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	BOLT HOLES	
				HOLES	PCD-No
CF16	33.7	19.3	7.5	4.4	27-6
CF25	53.8	25.7	11.9	6.7	41.3-6
CF35	69.3	38.3	12.7	6.7	58.7-6
CF50	85.3	51.1	17.5	8.4	72.4-8
CF63	113.5	63.8	17.5	8.4	92.1-8
CF80	117	76.5	20.6	8.4	102.4-10
CF100	151.6	101.9	19.8	8.4	130.3-16
CF150	202.4	254.6	22.2	8.4	181-20
CF200	253.2	203.8	24.6	8.4	231.8-24
CF250	304.8	254.8	28.6	8.4	284-32



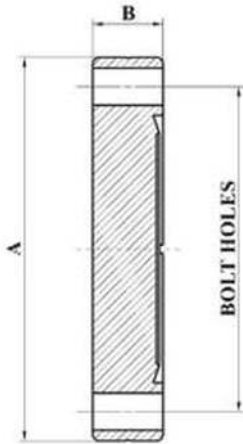
CF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

CF BLANK FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	BOLT HOLES	
			HOLES	PCD-No
CF16	33.7	7.5	4.4	27-6
CF25	53.8	11.9	6.7	41.3-6
CF35	69.3	12.7	6.7	58.7-6
CF50	85.3	17.5	8.4	72.4-8
CF63	113.5	17.5	8.4	92.1-8
CF80	117	20.6	8.4	102.4-10
CF100	151.6	19.8	8.4	130.3-16
CF150	202.4	22.2	8.4	181-20
CF200	253.2	24.6	8.4	231.8-24
CF250	304.8	28.6	8.4	284-32



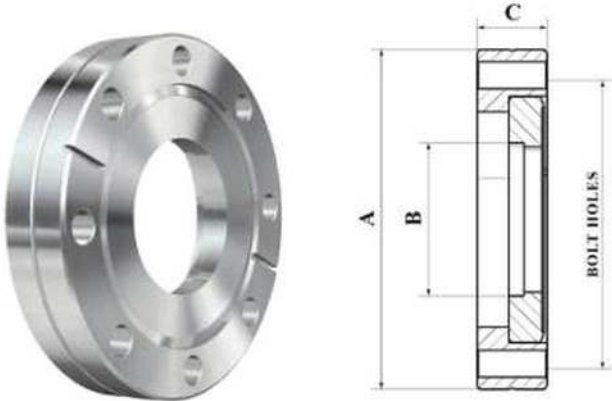
CF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

CF ROTATABLE FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	BOLT HOLES	
				HOLES	PCD-No
CF16	33.7	19.3	7.5	4.4	27-6
CF25	53.8	25.7	11.9	6.7	41.3-6
CF35	69.3	38.3	12.7	6.7	58.7-6
CF50	85.3	51.1	17.5	8.4	72.4-8
CF63	113.5	63.8	17.5	8.4	92.1-8
CF80	117	76.5	20.6	8.4	102.4-10
CF100	151.6	101.9	19.8	8.4	130.3-16
CF150	202.4	254.6	22.2	8.4	181-20
CF200	253.2	203.8	24.6	8.4	231.8-24
CF250	304.8	254.8	28.6	8.4	284-32



3.2

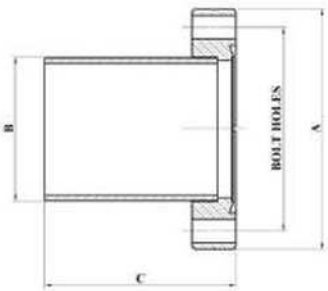
CF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

CF BORED FLANGE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	BOLT HOLES	
				HOLES	PCD-No
CF16	33.7	19.05	38.1	4.4	27-6
CF25	53.8	25.4	52	6.7	41.3-6
CF35	69.3	38.1	62.5	6.7	58.7-6
CF50	85.3	50.8	82	8.4	72.4-8
CF63	113.5	63.5	86	8.4	92.1-8
CF80	117	76.2	89.5	8.4	102.4-10
CF100	151.6	101.6	109.7	8.4	130.3-16
CF150	202.4	152.4	139.7	8.4	181-20
CF200	253.2	203.2	203.2	8.4	231.8-24
CF250	304.8	254	203.2	8.4	284-32



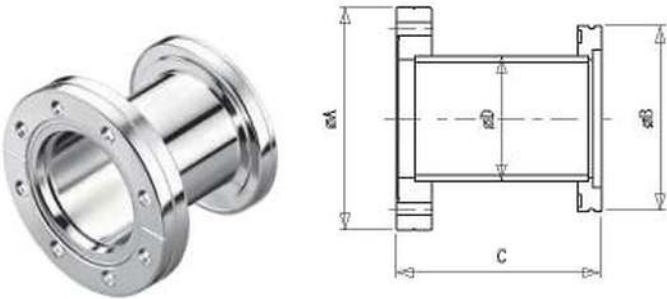
CF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

CF-ISO TUBULATED ADAPTOR

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D
CF63S63A	113.6	95	90	63.5
CF100S63A	151.6	95	90	63.5
CF100S100A	151.6	130	90	101.6
ISO160C100A	151.6	180	90	101.6
CF150S63A	202.5	95	90	63.5
CF150S100A	202.5	130	90	101.6
ISO160C150A	202.5	180	90	152.4



CF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

CF-KF TUBULATED ADAPTOR

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D
CF16	33.8	30	43	12.7
CF16	33.8	30	43	19.05
CF35	69.5	30	45.3	12.7
CF35	69.5	30	45.3	19.05
CF35	69.5	40	45.3	25.4
CF35	69.5	55	45.3	38.1
CF60	112.6	75	48.5	50.8



CF FLANGE SERIES

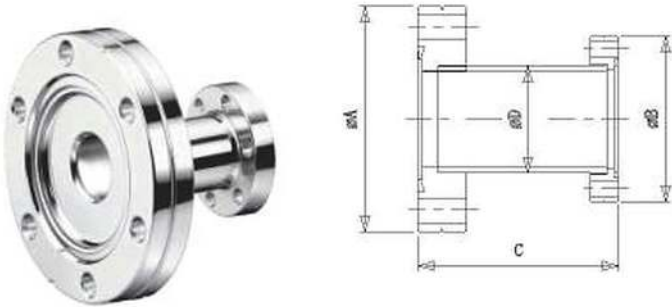
Material: SUS304 / 304L / 316L | Dimensions: mm

CF63	113.6	76.2	49.5	30.8
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CF REDUCING ADAPTOR-FIXED

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D
CF35RA16	69.5	33.8	76.2	19.05
CF63RA16	113.6	33.8	76.2	19.05
CF63RA35	113.6	69.5	76.2	38.1
CF100RA35	151.6	69.5	76.2	38.1
CF100RA63	151.6	69.5	76.2	38.1
CF150RA35	202.5	113.6	76.2	63.5
CF150RA63	202.5	113.6	76.2	63.5
CF150RA100	202.5	151.6	76.2	101.6



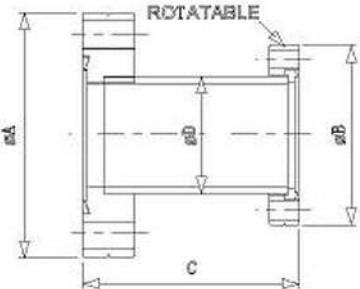
CF FLANGE SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

CF REDUCING ADAPTOR-SMALL
FLANGE ROTATABLE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D
CF35RA16R	69.5	33.8	76.2	19.05
CF63RA16R	113.6	33.8	76.2	19.05
CF63RA35R	113.6	69.5	76.2	38.1
CF100RA35R	151.6	69.5	76.2	38.1
CF100RA63R	151.6	113.6	76.2	63.5
CF150RA35R	202.5	69.5	76.2	38.1
CF150RA63R	202.5	113.6	76.2	63.5
CF150RA100R	202.5	151.6	76.2	101.6



3.4

CENTERING RING

Material: SUS304 / 304L / 316L | Dimensions: mm

CENTERING RING WITH O'RING

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	O'Ring
KF/DN10	12	11.1	AS311
KF/DN16	16.9	15.9	AS314
KF/DN25	25.9	25	AS320
KF/DN40	40.9	40	AS326
KF/DN50	51.9	50	AS330
ISO/DN63	69.8	67	AS336
ISO/DN80	82.6	80	AS341
ISO/DN100	101.6	99	AS346
ISO/DN125	126.7	123.8	AS353
ISO/DN160	152.6	150	AS362
ISO/DN200	212.6	210	AS371
ISO/DN250	260.3	257.5	AS378



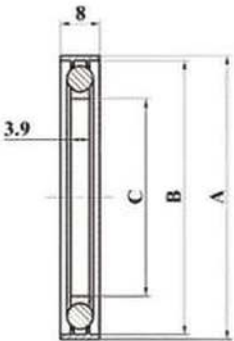
CENTERING RING

Material: SUS304 / 304L / 316L | Dimensions: mm

CENTERING RING,
WITH OUTER RING & O'RING

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
KF10OCRVS	32.5	30.5	11.1
KF16OCRVS	32.5	30.5	15.9
KF25OCRVS	42.5	40.5	25
KF40OCRVS	57.5	55.5	40
KF50OCRVS	77.5	75.5	50



CENTERING RING

Material: SUS304 / 304L / 316L | Dimensions: mm

OUTER RING CENTERING
RING, O'RING

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	O'Ring
ISO/DN63	69.8	67	94	AS336
ISO/DN80	82.6	80	109	AS341
ISO/DN100	101.6	99	128	AS346
ISO/DN125	126.7	123.8	154	AS353
ISO/DN160	152.6	150	179	AS362
ISO/DN200	212.6	210	238	AS371
ISO/DN250	260.3	257.5	287	AS378



4.2

CENTERING RING

Material: SUS304 / 304L / 316L | Dimensions: mm

Outer Ring Centering
Ring, O'Ring

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	O'Ring
KF/DN10	12	11.1	30	AS311
KF/DN16	16.9	15.9	32	AS314
KF/DN25	25.9	25	40	AS320
KF/DN40	40.9	40	55	AS326
KF/DN50	51.9	50	75	AS330
ISO/DN63	69.8	67	95	AS336
ISO/DN80	82.6	80	110	AS341
ISO/DN100	101.6	99	130	AS346
ISO/DN125	126.7	123.8	155	AS353
ISO/DN160	152.6	150	180	AS362
ISO/DN200	212.6	210	240	AS371
ISO/DN250	260.3	257.5	290	AS378



CENTERING RING

Material: SUS304 / 304L / 316L | Dimensions: mm

CENTERING RING WITH SCREEN

Material:304/304L/316L
Dimensions(mm)

SIZE	A	MESH
KF/DN10	12	70
KF/DN16	16.9	70
KF/DN25	25.9	70
KF/DN40	40.9	70
KF/DN50	51.9	70
ISO/DN63	69.8	70
ISO/DN80	82.6	70
ISO/DN100	101.6	70
ISO/DN125	126.7	70
ISO/DN160	152.6	70
ISO/DN200	212.6	70
ISO/DN250	260.3	70



CENTERING RING

Material: SUS304 / 304L / 316L | Dimensions: mm

KF OVERPRESSURE RING

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
KF/DN10	31.8	30.2	8.8
KF/DN16	31.8	30.2	8.8
KF/DN25	42.2	40.2	8.8
KF/DN40	57.4	55.3	8.8
KF/DN50	70.4	67.1	3.7



4.3

FLEXIBLE BELLOWS

Material: SUS304 / 304L / 316L | Dimensions: mm

KF BELLOWS

Material:304/316L
Dimensions(mm)

SIZE	A	L	Telescopic Range
KF16	30	100	14%
KF25	40	100	16%
KF40	55	100	22%
KF50	75	100	23%



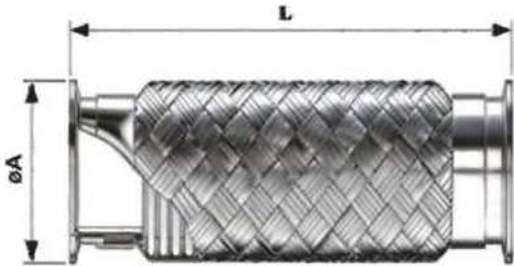
FLEXIBLE BELLOWS

Material: SUS304 / 304L / 316L | Dimensions: mm

KF BRAIDED BELLOWS

Material:304/316L
Dimensions(mm)

SIZE	A	L
KF16	30	150
KF25	40	150
KF40	55	150
KF50	75	150



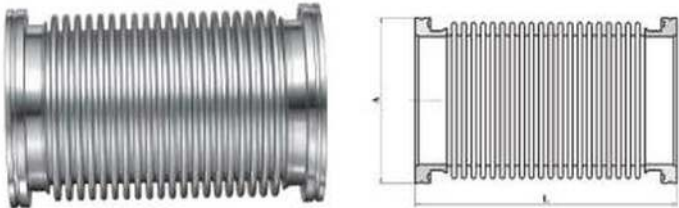
FLEXIBLE BELLOWS

Material: SUS304 / 304L / 316L | Dimensions: mm

ISO BELLOWS

Material:304/316L
Dimensions(mm)

SIZE	A	L	Telescopic Range
ISO63	95	150	26%
ISO80	110	150	26%
ISO100	130	150	26%
ISO125	155	150	26%
ISO160	180	150	26%
ISO200	240	150	26%
ISO250	290	150	26%



5.2

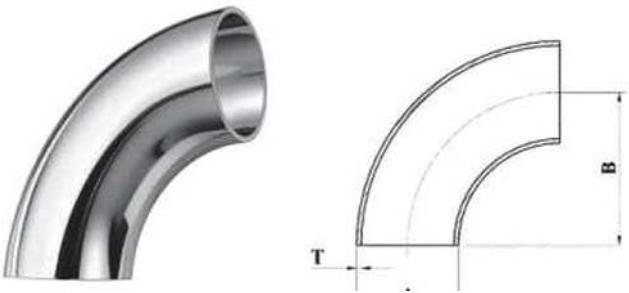
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

90° ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	T
0.50"	12.7	19.05	1.65
0.75"	19.05	28.6	1.65
1"	25.4	38.1	1.65
1.5"	38.1	57.2	1.65
2"	50.8	76.2	1.65
2.5"	63.5	95.25	1.65
3"	76.2	114.3	1.65
4"	101.6	152.4	1.65/2.1



FITTINGS SERIES

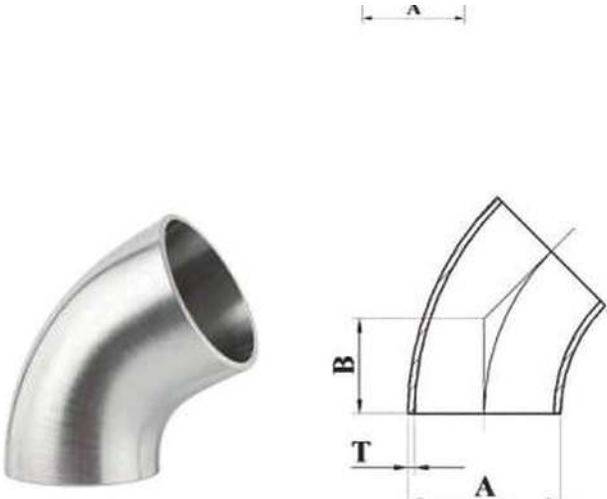
Material: SUS304 / 304L / 316L | Dimensions: mm

6"	152.4	228.6	2.1/2.7
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45° ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	T
0.50"	12.7	7.9	1.65
0.75"	19.05	10.8	1.65
1"	25.4	15.9	1.65
1.5"	38.1	23.8	1.65
2"	50.8	31.6	1.65
2.5"	63.5	39.7	1.65
3"	76.2	47.5	1.65
4"	101.6	63.5	1.65/2.1



FITTINGS SERIES

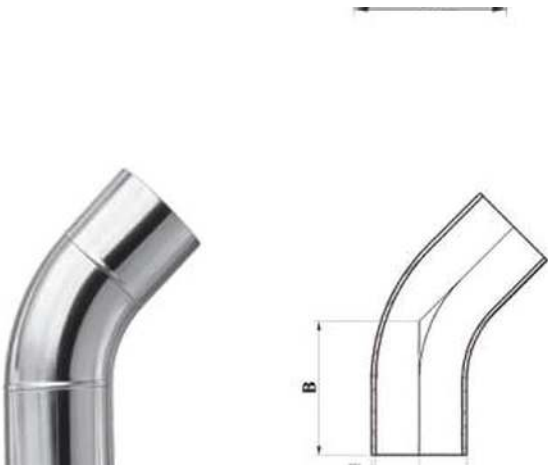
Material: SUS304 / 304L / 316L | Dimensions: mm

6"	152.4	95.2	2.1/2.7
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45° ELBOWS WITH TANGENTS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	T
0.75"	19.05	19.3	1.65
1"	25.4	30.2	1.65
1.5"	38.1	41.3	1.65
2"	50.8	58.7	1.65
2.5"	63.5	76.2	1.65
3"	76.2	93.7	1.65
4"	101.6	122.2	1.65/2.1



FITTINGS SERIES

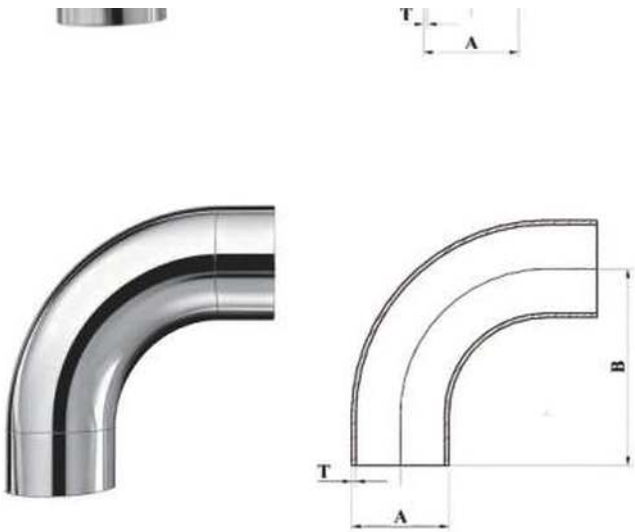
Material: SUS304 / 304L / 316L | Dimensions: mm

6"	152.4	186.2	2.1/2.7
----	-------	-------	---------

90° ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	T
0.50"	12.7	19.1	1.65
0.75"	19.05	34.5	1.65
1"	25.4	52.4	1.65
1.5"	38.1	74.6	1.65
2"	50.8	103.2	1.65
2.5"	63.5	131.8	1.65
3"	76.2	160.3	1.65
4"	101.6	211.1	1.65/2.1
6"	152.4	320.0	2.1/2.7



6.2

FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

180° ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	T
0.50"	12.7	38.1	1.65
0.75"	19.05	57.2	1.65
1"	25.4	76.2	1.65
1.5"	38.1	114.3	1.65
2"	50.8	152.4	1.65
2.5"	63.5	190.5	1.65
3"	76.2	228.6	1.65
4"	101.6	304.8	1.65/2.1
6"	152.4	457.2	2.1/2.7



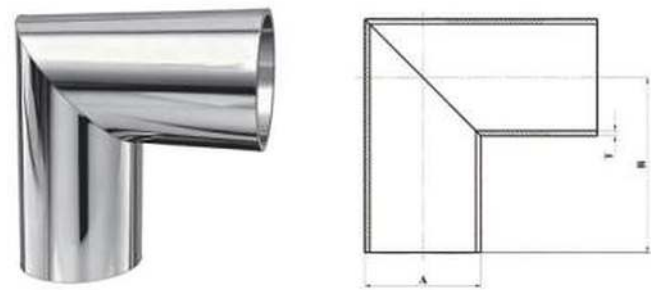
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

90° MITERED ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	T
0.75"	19.05	25.4	1.65
0.75"	19.05	35.6	1.65
1"	25.4	45.7	1.65
1"	25.4	47.8	1.65
1.5"	38.1	57.2	1.65
1.5"	38.1	61	1.65
2"	50.8	66	1.65
2"	50.8	76.2	1.65
2.5"	63.5	76.2	1.65
2.5"	63.5	95.2	1.65
3"	76.2	75.4	1.65
3"	76.2	82.5	1.65
4"	101.6	98.6	1.65/2.1
4"	101.6	124	1.65/2.1
6"	152.4	228.6	2.1/2.7



FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF/DN 90° ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
KF16	30	32
KF25	40	41.8
KF40	55	61
KF50	75	80
DN10	30	30
DN16	30	40
DN25	40	50
DN40	55	65
DN50	75	70



6.3

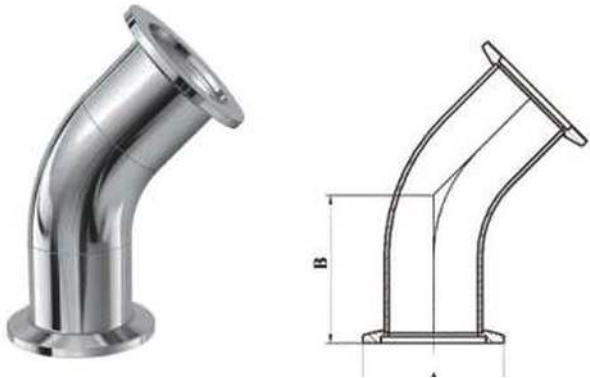
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF/DN 45°ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
KF16	30	23
KF25	40	28.2
KF40	55	43
KF50	75	51
DN10	30	30
DN16	30	25
DN25	40	32
DN40	55	40
DN50	75	51



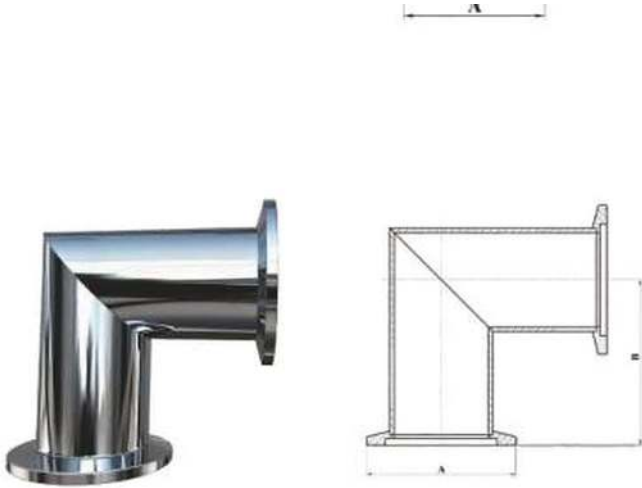
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

90° MITERED ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
KF16	30	23
KF25	40	28.2
KF40	55	43
KF50	75	51
DN10	30	30
DN16	30	25
DN25	40	32
DN40	55	40
DN50	75	51



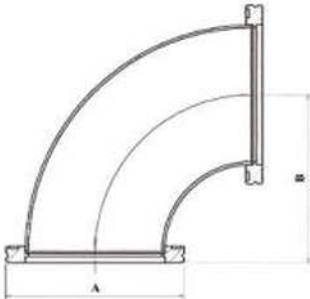
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

90° ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
ISO63	95	101.6
ISO80	110	121
ISO100	130	159
ISO160	180	235



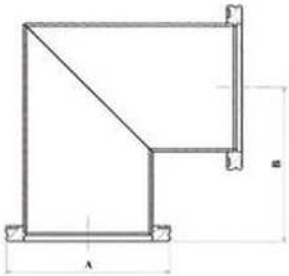
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

90° ELBOWS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
ISO63	95	101.6
ISO80	110	121
ISO100	130	159
ISO160	180	235
DN63	95	88
DN80	110	98
DN100	130	108
DN160	180	138



6.4

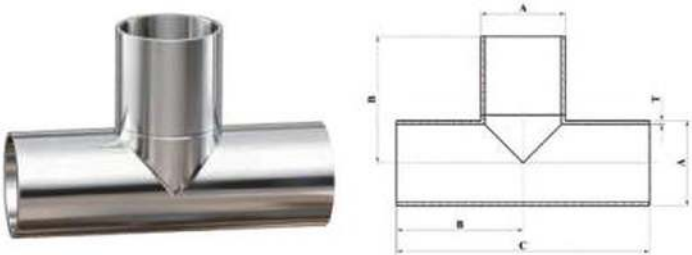
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

TEE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	T
0.50"	12.7	19.05	38.1	1.65
0.75"	19.05	34.5	69	1.65
1"	25.4	47.7	95.4	1.65
1.5"	38.1	57.15	114.3	1.65
1.5"	38.1	61.2	122.4	1.65
2"	50.8	66.3	132.6	1.65
2"	50.8	76.2	152.4	1.65
2.5"	63.5	76.2	152.4	1.65
2.5"	63.5	95.25	190.5	1.65
3"	76.2	82.5	165.1	1.65
4"	101.6	98.55	197.1	1.65/2.1
4"	101.6	123.7	247.4	1.65/2.1
6"	152.4	127	254	2.1/2.7
6"	152.4	154	307.8	2.1/2.7



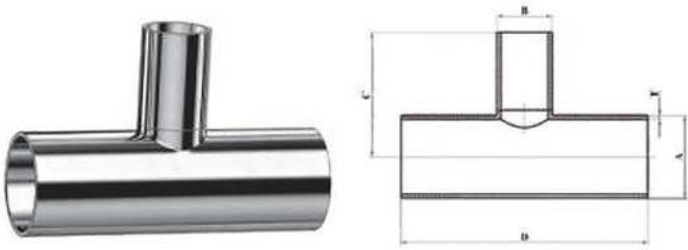
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

REDUCER TEE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D	T
1.0"-0.50"	25.4	12.7	25.4	95.2	1.65
1.0"-0.75"	25.4	19.05	28.5	95.2	1.65
1.5"-0.50"	38.1	12.7	31.8	114.3	1.65
1.5"-0.75"	38.1	19.05	35	114.3	1.65
1.5"-1"	38.1	25.4	54	114.3	1.65
2.0"-0.50"	50.8	12.7	38.1	152.4	1.65
2.0"-0.75"	50.8	19.05	41.4	152.4	1.65
2.0"-1"	50.8	25.4	60.5	152.4	1.65
2.0"-1.5"	50.8	38.1	63.5	152.4	1.65
2.5"-1.5"	63.5	38.1	70	152.4	1.65
2.5"-2.0"	63.5	50.8	82.5	152.4	1.65
3.0"-1.5"	76.2	38.1	76.2	165.1	1.65
3.0"-2.0"	76.2	50.8	88.9	165.1	1.65
3.0"-2.5"	76.2	63.5	82.5	165.1	1.65
4.0"-1.5"	101.6	38.1	88.9	196.8	2.1/1.65
4.0"-2.0"	101.6	50.8	101.6	196.8	2.1/1.65
4.0"-2.5"	101.6	63.5	95.2	196.8	2.1/1.65
4.0"-3.0"	101.6	76.2	95.2	196.8	2.1/1.65
6.0"-1.5"	152.4	38.1	114.3	254	2.7/1.65



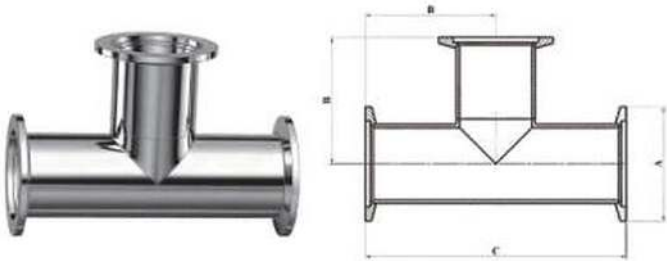
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF/DN TEE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
KF10	30	31.8	63.5
KF16	30	38.3	76.6
KF25	40	51.4	101.8
KF40	55	61	121
KF50	75	80	159
DN10	30	30	60
DN16	30	40	80
DN25	40	50	100
DN40	55	65	130



FITTINGS SERIES

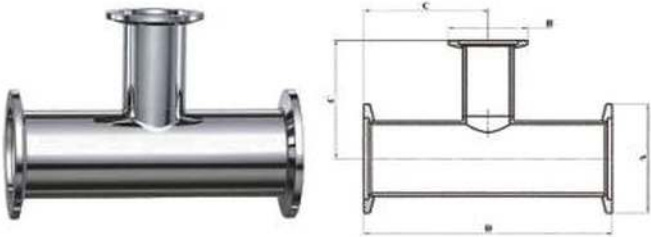
Material: SUS304 / 304L / 316L | Dimensions: mm

DN16	DN25	DN40	DN50
DN50	75	70	140

KF/DN REDUCER TEE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D
KF25-KF16	40	30	32	101.8
KF40-KF16	55	30	38.5	121
KF40-KF25	55	40	57.8	121
KF50-KF16	75	30	58	159
KF50-KF25	75	40	64	159
KF50-KF40	75	55	67	159
DN25-DN16	40	30	40	100
DN40-DN16	55	30	40	130
DN40-DN25	55	40	50	130
DN50-DN16	75	30	50	140
DN50-DN25	75	40	65	140



FITTINGS SERIES

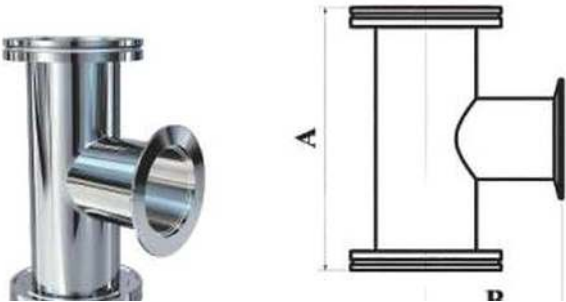
Material: SUS304 / 304L / 316L | Dimensions: mm

DN50-DN40	75	55	65	140
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ISO/KF REDUCER TEE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
ISO63-KF40	165	73.5
ISO63-KF50	165	86.5
ISO80-KF40	178	80
ISO80-KF50	178	92.5
ISO100-KF40	210	92.5



FITTINGS SERIES

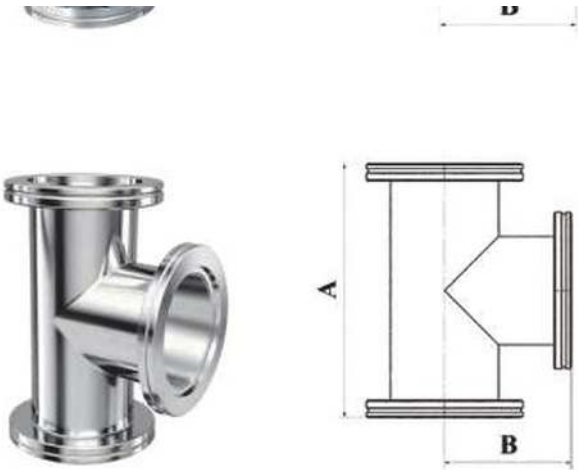
Material: SUS304 / 304L / 316L | Dimensions: mm

ISO100-KF50	210	105
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ISO/DN TEE

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
ISO63	165	82.5
ISO80	178	89
ISO100	210	105
ISO160	267	133.5
DN63	176	88
DN80	196	98
DN100	216	108
DN160	276	138



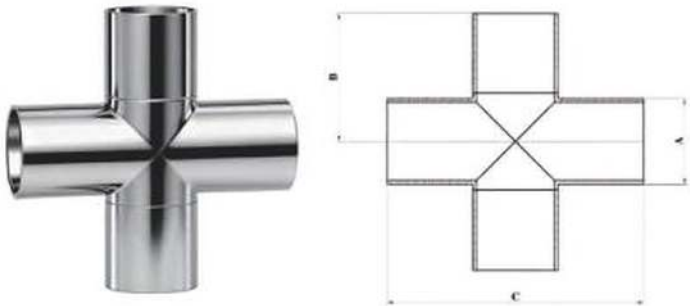
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

4-WAY CROSSES

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	T
0.50"	12.7	19.05	38.1	1.65
0.75"	19.05	34.5	69	1.65
1"	25.4	47.7	95.4	1.65
1.5"	38.1	57.15	114.3	1.65
1.5"	38.1	61.2	122.4	1.65
2"	50.8	66.3	132.6	1.65
2"	50.8	76.2	152.4	1.65
2.5"	63.5	76.2	152.4	1.65
2.5"	63.5	95.25	190.5	1.65
3"	76.2	82.5	165.1	1.65
4"	101.6	98.55	197.1	1.65/2.1
4"	101.6	123.7	247.4	1.65/2.1
6"	152.4	127	254	2.1/2.7
6"	152.4	154	307.8	2.1/2.7



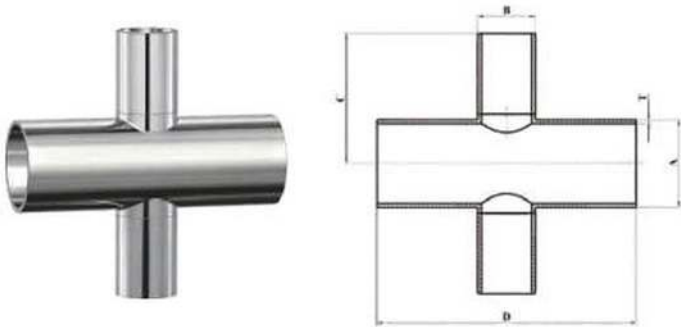
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

4-WAY REDUCER CROSSES

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D	T
1"-0.50"	25.4	12.7	25.4	95.2	1.65
1"-0.75"	25.4	19.05	28.5	95.2	1.65
1.5"-0.50"	38.1	12.7	31.8	114.3	1.65
1.5"-0.75"	38.1	19.05	35	114.3	1.65
1.5"-1"	38.1	25.4	54	114.3	1.65
2.0"-0.50"	50.8	12.7	38.1	152.4	1.65
2.0"-0.75"	50.8	19.05	41.4	152.4	1.65
2.0"-1"	50.8	25.4	60.5	152.4	1.65
2.0"-1.5"	50.8	38.1	63.5	152.4	1.65
2.5"-1.5"	63.5	38.1	70	152.4	1.65
2.5"-2.0"	63.5	50.8	82.5	152.4	1.65
3.0"-1.5"	76.2	38.1	76.2	165.1	1.65
3.0"-2.0"	76.2	50.8	88.9	165.1	1.65
3.0"-2.5"	76.2	63.5	82.5	165.1	1.65
4.0"-1.5"	101.6	38.1	88.9	196.8	2.1/1.65
4.0"-2.0"	101.6	50.8	101.6	196.8	2.1/1.65
4.0"-2.5"	101.6	63.5	95.2	196.8	2.1/1.65
4.0"-3.0"	101.6	76.2	95.2	196.8	2.1/1.65
6.0"-1.5"	152.4	38.1	114.3	254	2.7/1.65



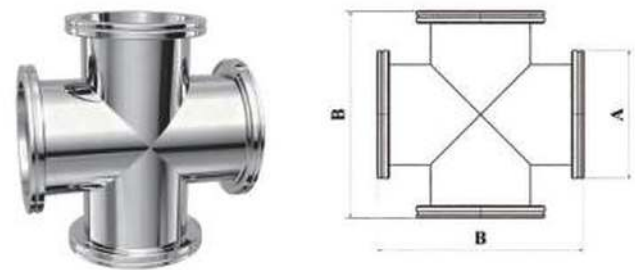
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

ISO/DN CROSS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
ISO63	95	165
ISO80	110	178
ISO100	130	210
ISO160	180	267
DN63	95	176
DN80	110	196
DN100	130	216
DN160	180	276



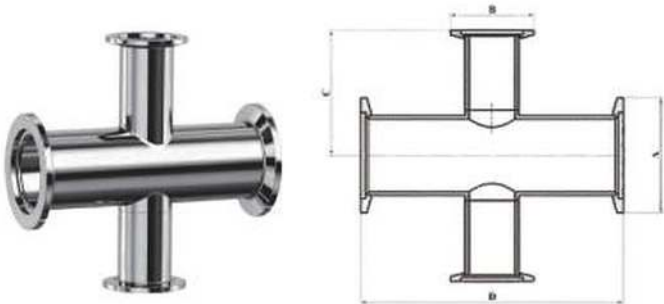
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

4-WAY REDUCER CROSSES

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C	D
KF25-KF16	40	30	32	101.8
KF40-KF16	55	30	38.5	121
KF40-KF25	55	40	57.8	121
KF50-KF16	75	30	58	159
KF50-KF25	75	40	64	159
KF50-KF40	75	55	67	159
DN25-DN16	40	30	40	100
DN40-DN16	55	30	40	130
DN40-DN25	55	40	50	130
DN50-DN16	75	30	50	140
DN50-DN25	75	40	65	140
DN50-DN40	75	55	65	140



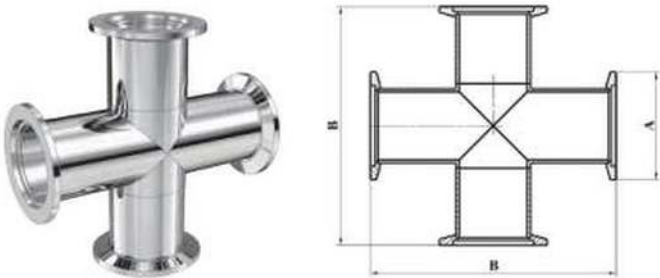
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

KF/DN CROSS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
KF10	30	63.5
KF16	30	76.6
KF25	40	101.8
KF40	55	121
KF50	75	159
DN10	30	60
DN16	30	80
DN25	40	100
DN40	55	130
DN50	75	140



6.8

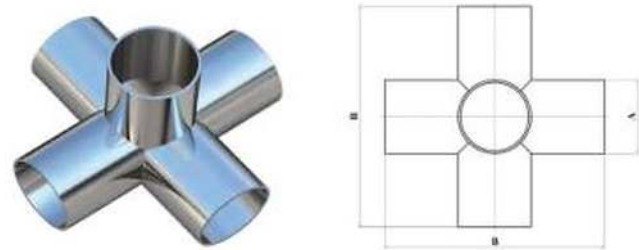
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

5-WAY CROSS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
0.75"	19.05	69
1"	25.4	95.4
1.5"	38.1	114.3
2"	50.8	152.4



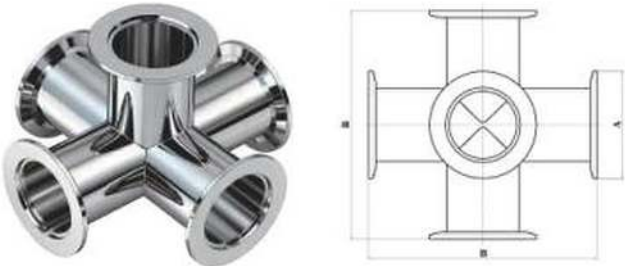
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

5-WAY CROSS KF

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
KF16	30	76.6
KF25	40	102
KF40	55	121
KF50	75	159



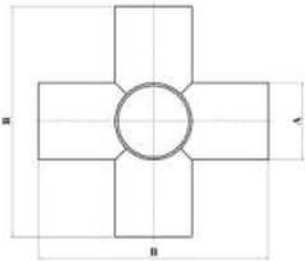
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

6-WAY CROSS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
0.75"	19.05	69
1"	25.4	95.4
1.5"	38.1	114.3
2"	50.8	152.4



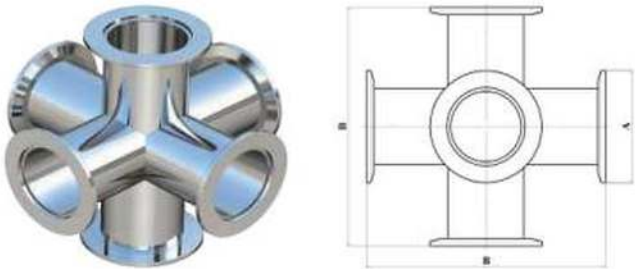
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

6-WAY CROSS KF

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B
KF16	30	76.6
KF25	40	102
KF40	55	121
KF50	75	159



6.9

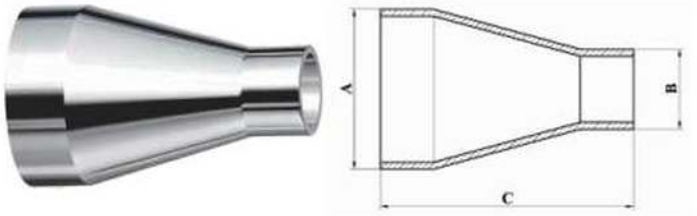
FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

CONICAL REDUCERS

Material:304/304L/316L
Dimensions(mm)

SIZE	A	B	C
1"*0.75"	25.4	19.05	35
1.5"*0.75"	38.1	19.05	60.33
1.5"*1"	38.1	25.4	60.33
2"*1"	50.8	25.4	60.33
2"*1.5"	50.8	38.1	60.33
2.5"*1.5"	63.5	38.1	60.33
2.5"*2"	63.5	50.8	60.33
3"*1.5"	76.2	38.1	92.08
3"*2"	76.2	50.8	92.08
4"*2"	101.6	50.8	92.08
4"*2.5"	101.6	63.5	92.08
4"*3"	101.6	76.2	92.08



FITTINGS SERIES

Material: SUS304 / 304L / 316L | Dimensions: mm

TUBE

Material:304/304L/316L
Dimensions(mm)

OD(Inch)	OD(mm)	T(Inch)	T(mm)
1/2"	12.7	0.065	1.65
3/4"	19.05	0.065	1.65
1"	25.4	0.065	1.65
1 1/2"	38.1	0.065	1.65
2"	50.8	0.065	1.65
2.5"	63.5	0.065	1.65
3"	76.2	0.065	1.65
4"	101.6	0.083	2.11
6"	152.4	0.109	2.77
8"	203.2	0.109	2.77
10"	254	0.120	3.05



QUALITY & ENGINEERING SUPPORT

品質・供給・技術支援

製品選定から配管構成、個別仕様まで、プロジェクトに合わせてサポートします。

01

仕様選定

用途・真空条件・接続方式を確認し、適切な製品構成をご提案します。

02

材質対応

SUS304／304L／316Lを中心に、用途に応じた材質をご案内します。

03

図面確認

寸法表・構造図をもとに、設備側との接続条件を確認します。

04

個別設計

継手・配管アセンブリなど、使用条件に合わせた仕様をご相談いただけます。

05

安定供給

必要数量と納期条件を整理し、継続調達をサポートします。

06

導入後支援

追加仕様、交換、保守に関するご相談にも継続して対応します。



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