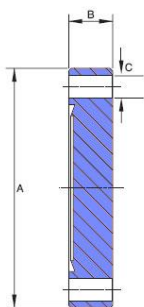


CF Components

CF BLANK FLANGES, STAINLESS STEEL - FIXED



Order code	Material	NW	A	B	C	x No.
23001C	304L	16	34	7,6	4,3	6
23002C	304L	35	70	12,7	6,7	6
23003C	304L	63	114	17,4	8,3	8
23004C	304L	100	152	19,9	8,3	16
23005C	304L	150	203	22,3	8,3	20
23006C	304L	200	254	24,6	8,3	24
23916C	304L	250	304	27,3	10,3	32
23007C*	304L	250	304	27,3	8,3	32

for flanges with tapped bold holes, please add suffix T to order codes

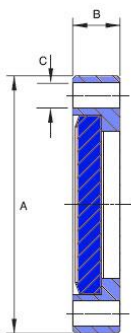
*European standard, to be used with copper gaskets OD 272.7 mm

Order code	Material	NW	A	B	C	x No.
23001CN	316LN	16	34	7,3	4,3	6
23002CN	316LN	35	70	13,0	6,5	6
23003CN	316LN	63	113,5	17,5	8,4	8
23004CN	316LN	100	151,6	19,8	8,4	16
23005CN	316LN	150	202,4	22,2	8,4	20
23006CN	316LN	200	253,2	24,6	8,4	24
23007CN*	316LN	250	306	24,6	8,4	32

for flanges with tapped bold holes, please add suffix T to order codes

*European standard, to be used with copper gaskets OD 272.7 mm

CF BLANK FLANGES, STAINLESS STEEL - ROTATABLE



Order code	Material	NW	A	B	C	x No.
23011C	304L	16	34	7,6	4,6	6
23012C	304L	35	70	12,7	6,7	6
23013C	304L	63	114	17,4	8,3	8
23014C	304L	100	152	19,9	8,3	16
23015C	304L	150	203	22,3	8,3	20
23016C	304L	200	254	24,6	8,3	24
23917C	304L	250	304	27,3	10,3	32
23017C*	304L	250	304	27,3	8,3	32

for flanges with tapped bold holes, please add suffix T to order codes

*European standard, to be used with copper gaskets OD 272.7 mm

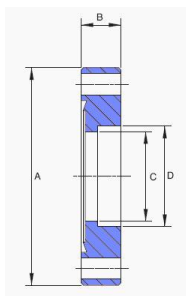
Order code	Material	NW	A	B	C	x No.
23011CN	316LN	16	34,0	7,3	4,3	6
23012CN	316LN	35	69,4	13,0	6,5	6
23013CN	316LN	63	113,5	19,0	8,4	8
23014CN	316LN	100	151,6	21,4	8,4	16
23015CN	316LN	150	202,4	23,8	8,4	20
23016CN	316LN	200	253,2	24,6	8,4	24
23017CN*	316LN	250	306,0	24,6	8,4	32

for flanges with tapped bold holes, please add suffix T to order codes

*European standard, to be used with copper gaskets OD 272.7 mm

CF Components

CF BORED FLANGES, STAINLESS STEEL - FIXED



Order code	Material	NW	A	B	C	D
23918C	304L	16	34	7,6	6,4	6,4
23919C	304L	16	34	7,6	12,7	12,7
23920C	304L	16	34	7,6	13,2	14,3
23021C	304L	16	34	7,6	16,6	19,1
23921C	304L	35	70	12,7	13,2	14,4
23922C	304L	35	70	12,7	24,2	25,5
23923C	304L	35	70	12,7	36,9	38,2
23022C	304L	35	70	12,7	40,1	41,3
23924C	304L	63	114	17,4	49,6	51,1
23023C	304L	63	114	17,4	61,2	63,6
23024C	304L	100	152	19,9	99,4	101,9
23025C	304L	150	203	22,3	149,7	152,6
23026C	304L	200	254	24,6	200,4	203,5
23925C	304L	250	304	27,3	250,7	254,4
23027C*	304L	250	304	27,3	250,7	254,4

for flanges with tapped bold holes, please add suffix T to order codes

*European standard, to be used with copper gaskets OD 272.7 mm

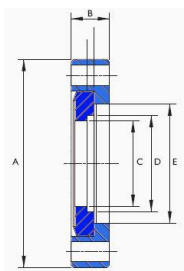
Order code	Material	NW	A	B	C	D
239221CN	316LN	16	34	7,3	4,3	18,2
239222CN	316LN	35	69,4	13,0	6,5	38,2
239223CN	316LN	35	69,4	13,0	6,5	42,6
239224CN	316LN	63	113,5	17,5	8,4	70,3
239225CN	316LN	100	151,6	19,8	8,4	104,3
239226CN	316LN	150	202,4	22,2	8,4	154,5
239227CN	316LN	200	253,2	24,6	8,4	205,5
239228CN*	316LN	250	306,0	24,6	8,4	256,0

for flanges with tapped bold holes, please add suffix T to order codes

*European standard, to be used with copper gaskets OD 272.7 mm

CF Components

CF BORED FLANGES, STAINLESS STEEL - ROTATABLE



Order code	Material	NW	A	B	C	D	E
23926C	304L	16	34	7,6	6,4	6,4	19,3
23927C	304L	16	34	7,6	12,7	12,7	19,3
23928C	304L	16	34	7,6	13,2	14,3	19,3
23041C	304L	16	34	7,6	16,6	19,1	19,3
23929C	304L	35	70	12,7	13,2	14,4	41,4
23930C	304L	35	70	12,7	24,2	25,5	41,4
23931C	304L	35	70	12,7	36,9	38,2	41,4
23042C	304L	35	70	12,7	40,1	41,3	45,0
23932C	304L	63	114	17,4	49,6	51,1	68,0
23043C	304L	63	114	17,4	61,2	63,6	68,0
23044C	304L	100	152	19,9	99,4	101,9	104,9
23045C	304L	150	203	22,3	149,7	152,6	155,7
23046C	304L	200	254	24,6	200,4	203,5	206,4
23933C	304L	250	304	27,3	250,7	254,4	254,8
23047C	304L	250	304	27,3	250,7	256,3	254,8

for flanges with tapped bold holes, please add suffix T to order codes

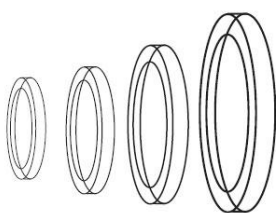
*European standard, to be used with copper gaskets OD 272.7 mm

Order code	Material	NW	A	B	C	D	E
239229CN	316LN	16	34	7,3	4,3	18,2	16,0
239230CN	316LN	35	69,4	13,0	6,5	38,2	35,0
239231CN	316LN	38	69,4	13,0	6,5	42,6	38,0
239232CN	316LN	63	113,5	19,0	8,4	70,3	67,0
239233CN	316LN	100	151,6	21,4	8,4	104,3	100
239234CN	316LN	150	202,4	23,8	8,4	154,5	150
239235CN	316LN	200	253,2	24,6	8,4	205,5	200
239236CN*	316LN	250	306,0	24,6	8,4	256,0	250

for flanges with tapped bold holes, please add suffix T to order codes

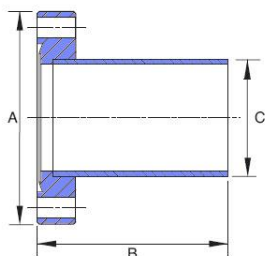
*European standard, to be used with copper gaskets OD 272.7 mm

CF FLANGE CAPS



Order code	NW	OD	PACK SIZE
23441C	16	34	10
23442C	35	70	10
23443C	63	114	10
23444C	100	152	10
23445C	150	203	10

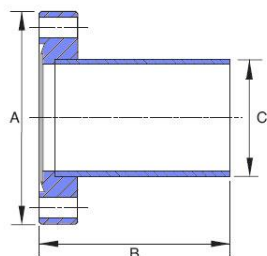
CF TUBULATIONS, STAINLESS STEEL, FIXED



Order code	Material	NW	A	B	C
23051C	304L	16	34	38	19
23052C	304L	35	70	63	38
23053C	304L	63	114	105	64
23054C	304L	100	152	135	102
23055C	304L	150	203	167	152
23934C	304L	200	254	167	203

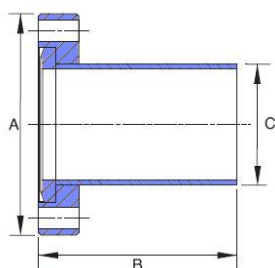
CF Components

CF TUBULATIONS WITH TAPPED FLANGES, STAINLESS STEEL, FIXED



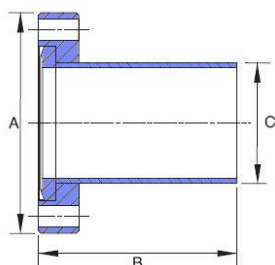
Order code	Material	NW	A	B	C	THREAD
23935C	304L	16	34	38	19	M4
23936C	304L	35	70	63	38	M6
23937C	304L	38	70	63	41,3	M6
23938C	304L	63	114	105	64	M8
23939C	304L	100	152	135	102	M8
23940C	304L	150	203	167	152	M8
23941C	304L	200	254	167	203	M8

CF TUBULATIONS, STAINLESS STEEL, ROTATABLE



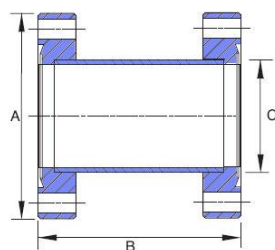
Order code	Material	NW	A	B	C
23061C	304L	16	34	38	19
23062C	304L	35	70	63	38
23942C	304L	38	70	63	41,3
23063C	304L	63	114	105	64
23064C	304L	100	152	135	102
23065C	304L	150	203	167	152
23943C	304L	200	254	167	203

CF TUBULATIONS WITH TAPPED FLANGES, STAINLESS STEEL, ROTATABLE



Order code	Material	NW	A	B	C	THREAD
23944C	304L	16	34	38	19	M4
23945C	304L	35	70	63	38	M6
23946C	304L	38	70	63	41,3	M6
23947C	304L	63	114	105	64	M8
23948C	304L	100	152	135	102	M8
23949C	304L	150	203	167	152	M8
23950C	304L	200	254	167	203	M8

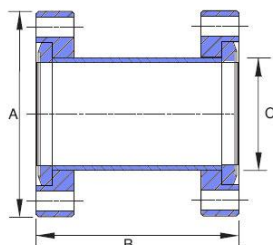
CF STRAIGHT CONNECTORS, STAINLESS STEEL, FIXED



Order code	Material	NW	A	B	C	BOLT HOLES
23951C	304L	16	34	76	19	in line
23952C	304L	35	70	126	38	in line
23953C	304L	38	70	126	41,3	in line
23954C	304L	63	114	210	64	in line
23955C	304L	100	152	270	102	in line
23956C	304L	150	203	334	152	in line
23957C	304L	200	254	334	203	in line
23958C	304L	16	34	76	19	straddled
23959C	304L	35	70	126	38	straddled
23960C	304L	38	70	126	41,3	straddled
23961C	304L	100	152	270	102	straddled
23962C	304L	150	203	334	152	straddled
23963C	304L	200	254	334	203	straddled

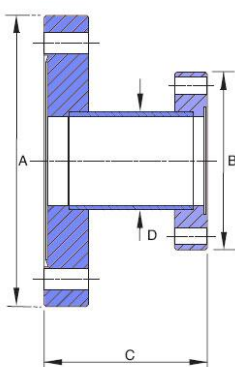
CF Components

CF STRAIGHT CONNECTORS, STAINLESS STEEL, ROTATABLE



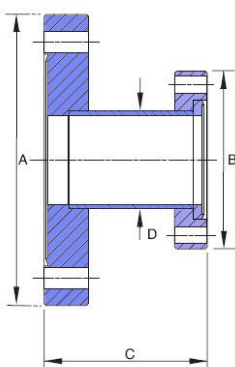
Order code	Material	NW	A	B	C
23201C	304L	16	34	76	19
23202C	304L	35	70	126	38
23203C	304L	63	114	210	64
23204C	304L	100	152	270	102
23205C	304L	150	203	334	152
23964C	304L	200	254	334	203

CF TUBULATED REDUCING ADAPTERS, STAINLESS STEEL, FIXED



Order code	Material	NW	A	B	C	D	BOLT HOLES
23966C	304L	35/16	70	34	70	19	in line
23967C	304L	35/16	70	34	70	19	straddled
23968C	304L	63/16	114	34	70	19	both
23969C	304L	63/35	114	70	70	38	both
23970C	304L	63/38	114	70	70	41,5	both
23971C	304L	100/35	152	70	70	38	both
23972C	304L	100/38	152	70	70	41,5	both
23973C	304L	100/63	152	114	70	64	both
23974C	304L	150/35	203	70	70	38	both
23975C	304L	150/38	203	70	70	41,5	both
23976C	304L	150/63	203	114	127	64	both
23977C	304L	150/100	203	152	127	102	both
23978C	304L	200/63	254	114	127	64	in line
23979C	304L	200/63	254	114	127	64	straddled
23980C	304L	200/100	254	152	127	102	both
23981C	304L	200/150	254	203	127	102	both

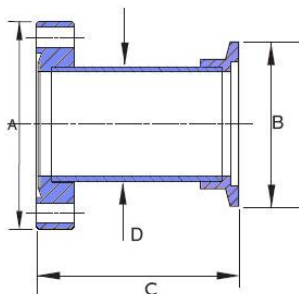
CF TUBULATED REDUCING ADAPTERS, STAINLESS STEEL, SMALL FLANGE ROTATABLE



Order code	Material	NW	A	B	C	D
23221C	304L	35/16	70	34	70	19
239237C	304L	63/16	114	34	70	19
239238C	304L	63/35	114	70	70	38
239239C	304L	63/38	114	70	70	41,5
23225C	304L	100/35	152	70	70	38
239240C	304L	100/38	152	70	70	41,5
23226C	304L	100/63	152	114	70	64
239241C	304L	150/35	203	70	70	38
239242C	304L	150/38	203	70	70	41,5
239243C	304L	150/63	203	114	127	64
23230C	304L	150/100	203	152	127	102
239244C	304L	200/63	254	114	127	64
239245C	304L	200/100	254	152	127	102
239246C	304L	200/150	254	203	127	152

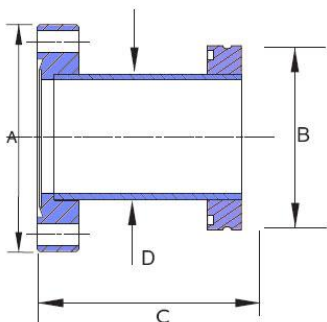
CF Components

CF TO KF TUBULATED ADAPTERS, STAINLESS STEEL



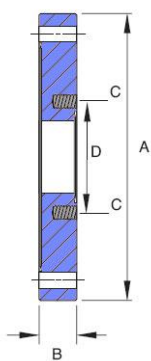
Order code	Material	NW	A	B	C	D
23901C	304L	16CF/10KF	34	30	36	14
23251C	304L	16CF/16KF	34	30	36	20
23902C	304L	35CF/10KF	70	30	36	14
23903C	304L	35CF/16KF	70	30	36	20
23904C	304L	35CF/25KF	70	40	36	28
23256C	304L	35CF/40KF	70	55	50	45
23905C	304L	63CF/25KF	114	40	50	28
23259C	304L	63CF/40KF	114	55	50	45
23906C	304L	63CF/50KF	114	75	50	57
23907C	304L	100CF/25KF	152	40	50	28
23262C	304L	100CF/40KF	152	55	50	45
23908C	304L	100CF/50KF	152	75	50	57
23909C	304L	150CF/25KF	203	40	70	28
23910C	304L	150CF/40KF	203	55	70	45
23911C	304L	150CF/50KF	203	75	70	57

CF TO ISO-K TUBULATED ADAPTERS, STAINLESS STEEL



Order code	Material	NW	A	B	C	D
23271C	304L	63CF/63ISO	114	95	90	70
23912C	304L	100CF/63ISO	152	95	90	76
23272C	304L	100CF/100ISO	152	130	90	102
23913C	304L	100CF/160ISO	152	180	90	102
23914C	304L	150CF/63ISO	203	95	90	76
23915C	304L	150CF/100ISO	203	130	90	108
23273C	304L	150CF/160ISO	203	180	90	152

CF ZERO LENGTH FLANGE ADAPTERS, STAINLESS STEEL

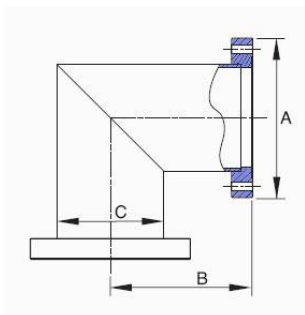


Order code	Material	NW	A	B	C	D
23071C	304L	35/16	70	12,7	M4	13,2
23982C	304L	63/16	114	17,5	M4	13,2
23073C	304L	63/35	114	17,5	M6	36,9
23075C	304L	100/35	152	19,9	M6	36,9
23076C	304L	100/63	152	19,9	M8	61,2
23078C	304L	150/35	203	22,3	M6	36,9
23079C	304L	150/63	203	22,3	M8	61,2
23080C	304L	150/100	203	22,3	M8	99,4
23983C	304L	200/35	254	24,6	M6	36,9
23984C	304L	200/63	254	24,6	M8	61,2
23985C	304L	200/100	254	24,6	M8	99,4
23986C	304L	200/150	254	24,6	M8	149,7
23987C	304L	250/35	304	25,4	M6	36,9
23988C*	304L	250/35	304	25,4	M6	36,9
23989C	304L	250/63	304	25,4	M8	61,2
23990C	304L	250/100	304	25,4	M8	99,4
23991C*	304L	250/100	304	25,4	M8	99,4
23992C	304L	250/150	304	25,4	M8	149,7
23993C	304L	250/200	304	25,4	M8	200,4

*European standard, to be used with copper gaskets OD 272.7 mm

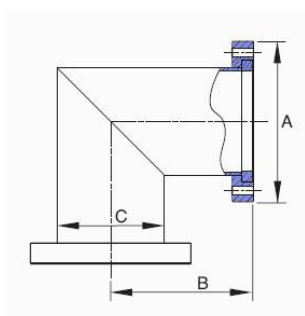
CF Components

CF ELBOW, STAINLESS STEEL, FIXED



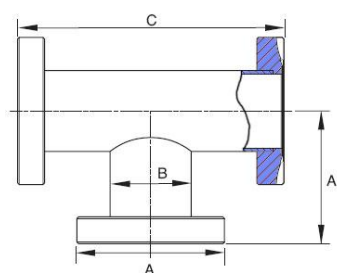
Order code	Material	NW	A	B	C	BOLT HOLES
23994C	304L	16	34	38	19	in line
23995C	304L	35	70	63	38	in line
23996C	304L	38	70	63	41,5	in line
23997C	304L	63	114	105	64	in line
23998C	304L	100	152	135	102	in line
23999C	304L	150	203	167	152	in line
239100C	304L	200	254	203	203	in line
239101C	304L	16	34	38	19	straddled
239102C	304L	35	70	63	38	straddled
239103C	304L	38	70	63	41,5	straddled
239104C	304L	63	114	105	64	straddled
239105C	304L	100	152	135	102	straddled
239106C	304L	150	203	167	152	straddled
239107C	304L	200	254	203	203	straddled

CF ELBOW, STAINLESS STEEL, BOTH FLANGES ROTATABLE



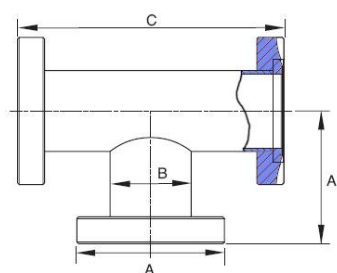
Order code	Material	NW	A	B	C
23301C	304L	16	34	38	19
23302C	304L	35	70	63	38
239108C	304L	38	70	63	41,5
23303C	304L	63	114	105	64
23304C	304L	100	152	135	102
23305C	304L	150	203	167	152
239109C	304L	200	254	203	203

CF T-PIECE, STAINLESS STEEL, FIXED



Order code	Material	NW	A	B	C	D
239112C	304L	16	34	38	76	19
239113C	304L	35	70	63	126	38
239114C	304L	38	70	63	126	41,5
239115C	304L	63	114	105	210	64
239116C	304L	100	152	135	270	102
239117C	304L	150	203	167	334	152
239118C	304L	200	254	203	406	203

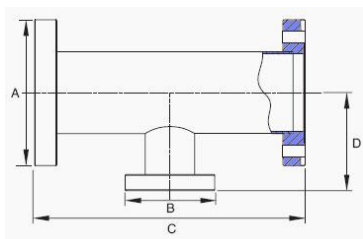
CF T-PIECE, STAINLESS STEEL, 2 FLANGES ROTATABLE



Order code	Material	NW	A	B	C	D
23311C	304L	16	34	38	76	19
23312C	304L	35	70	63	126	38
239110C	304L	38	70	63	126	41,5
23313C	304L	63	114	105	210	64
23314C	304L	100	152	135	270	102
23315C	304L	150	203	167	334	152
239111C	304L	200	254	203	406	203

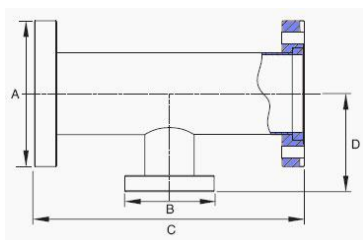
CF Components

CF UNEQUAL T-PIECE, STAINLESS STEEL, FIXED



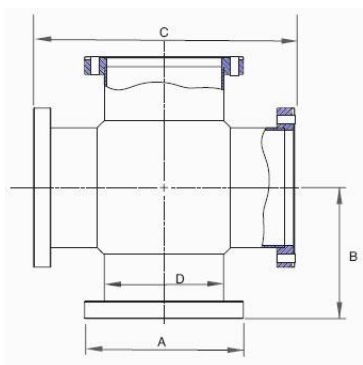
Order code	Material	NW	A	B	C	D
239119C	304L	35/16	70	34	126	60
239120C	304L	63/16	114	34	210	77
239121C	304L	63/35	114	70	210	77
239122C	304L	100/16	152	34	270	95
239123C	304L	100/35	152	70	270	95
239124C	304L	100/63	152	114	270	95
239125C	304L	150/16	203	34	334	120
239126C	304L	150/63	203	114	334	120
239127C	304L	150/100	203	152	334	120
239128C	304L	200/35	254	70	406	145
239129C	304L	200/100	254	152	406	145
239130C	304L	200/150	254	203	406	145

CF UNEQUAL T-PIECE, STAINLESS STEEL, 2 FLANGES ROTATABLE



Order code	Material	NW	A	B	C	D
239131C	304L	35/16	70	34	126	60
239132C	304L	63/16	114	34	210	77
239133C	304L	63/35	114	70	210	77
239134C	304L	100/16	152	34	270	95
239135C	304L	100/35	152	70	270	95
239136C	304L	100/63	152	114	270	95
239137C	304L	150/16	203	34	334	120
239138C	304L	150/35	203	114	334	120
239139C	304L	150/100	203	152	334	120
239140C	304L	200/35	254	70	406	145
239141C	304L	200/100	254	152	406	145
239142C	304L	200/150	254	203	406	145

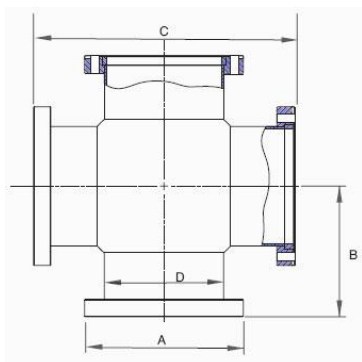
CF 4-WAY CROSSES, STAINLESS STEEL, FIXED



Order code	Material	NW	A	B	C	D
239143C	304L	16	34	38	76	19
239144C	304L	35	70	63	126	38
239145C	304L	38	70	63	126	41,5
239146C	304L	63	114	105	210	64
239147C	304L	100	152	135	270	102
239148C	304L	150	203	167	334	152
239149C	304L	200	254	203	406	203

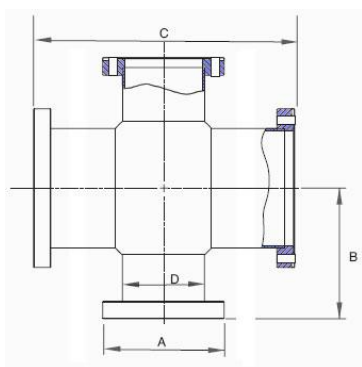
CF Components

CF 4-WAY CROSSES, STAINLESS STEEL, 2 FLANGES ROTATABLE



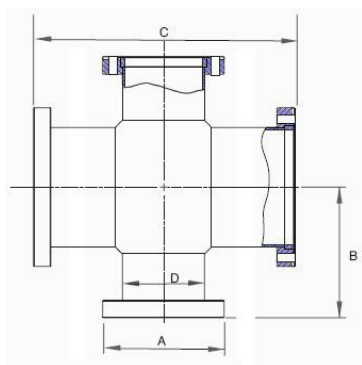
Order code	Material	NW	A	B	C	D
23321C	304L	16	34	38	76	19
23322C	304L	35	70	63	126	38
239150C	304L	38	70	63	126	41,5
23323C	304L	63	114	105	210	64
23324C	304L	100	152	135	270	102
23325C	304L	150	203	167	334	152
239151C	304L	200	254	203	406	203

CF 4-WAY REDUCING CROSSES, STAINLESS STEEL, FIXED



Order code	Material	NW	A	B	C	D
239152C	304L	35/16	70	34	120	162
239153C	304L	63/16	114	34	154	210
239154C	304L	63/35	114	70	154	210
239155C	304L	100/16	152	34	190	270
239156C	304L	100/35	152	70	190	270
239157C	304L	100/63	152	114	190	270
239158C	304L	150/35	203	70	240	334
239159C	304L	150/63	203	114	240	334
239160C	304L	150/100	203	152	240	334
239161C	304L	200/100	254	152	290	406
239162C	304L	200/150	254	163	290	406

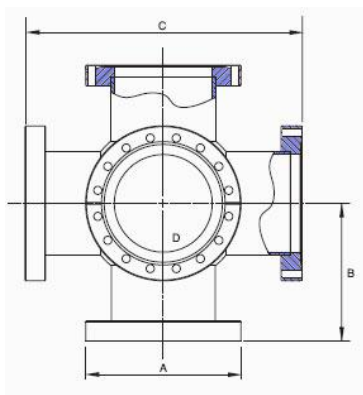
CF 4-WAY REDUCING CROSSES, STAINLESS STEEL, 2 FLANGES ROTATABLE



Order code	Material	NW	A	B	C	D
239163C	304L	35/16	70	34	120	162
239164C	304L	63/16	114	34	154	210
239165C	304L	63/35	114	70	154	210
239166C	304L	100/16	152	34	190	270
239167C	304L	100/35	152	70	190	270
239168C	304L	100/63	152	114	190	270
239169C	304L	150/35	203	70	240	334
239170C	304L	150/63	203	114	240	334
239171C	304L	150/100	203	152	240	334
239172C	304L	200/100	254	152	290	406
239173C	304L	200/150	254	163	290	406

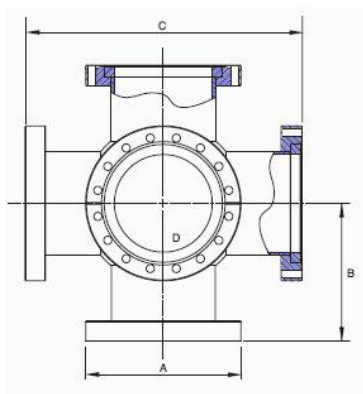
CF Components

CF 6-WAY CROSSES, STAINLESS STEEL, FIXED



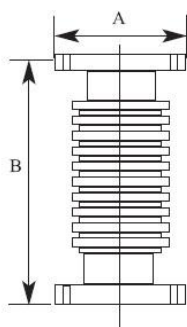
Order code	Material	NW	A	B	C	D
239174C	304L	16	34	38	76	19
239175C	304L	35	70	63	126	38
239176C	304L	38	70	63	126	41,5
239177C	304L	63	114	105	210	64
239178C	304L	100	152	135	270	102
239179C	304L	150	203	167	334	152
239180C	304L	200	254	203	406	203

CF 6-WAY CROSSES, STAINLESS STEEL, 3 FLANGES ROTATABLE



Order code	Material	NW	A	B	C	D
239181C	304L	16	34	38	76	19
23332C	304L	35	70	63	126	38
239182C	304L	38	70	63	126	41,5
23333C	304L	63	114	105	210	64
23334C	304L	100	152	135	270	102
23335C	304L	150	203	167	334	152
239183C	304L	200	254	203	406	203

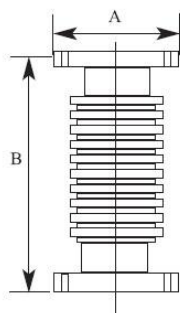
CF FLEXIBLE HOSES, STAINLESS STEEL, FIXED



Order code	NW	A	B
239184C	16	34	250
239185C	16	34	500
239186C	16	34	750
239187C	16	34	1000
239188C	35	70	250
239189C	35	70	500
239190C	35	70	750
239191C	35	70	1000
239192C	63	114	250
239193C	63	114	500
239194C	63	114	750
239195C	63	114	1000
239196C	100	152	250
239197C	100	152	500
239198C	100	152	750
239199C	100	152	1000

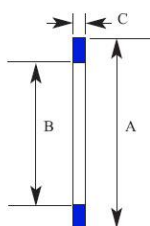
CF Components

CF FLEXIBLE HOSES, STAINLESS STEEL, 1 FLANGE ROTATABLE



Order code	NW	A	B
23361C	16	34	250
23362C	16	34	500
23363C	16	34	750
23364C	16	34	1000
23365C	35	70	250
23366C	35	70	500
23367C	35	70	750
23368C	35	70	1000
239200C	63	114	250
239201C	63	114	500
239202C	63	114	750
239203C	63	114	1000
239204C	100	152	250
239205C	100	152	500
239206C	100	152	750
239207C	100	152	1000

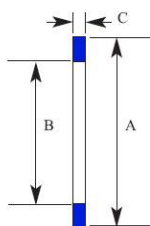
CF COPPER GASKETS



Order code	NW	A	B	C	PACK SIZE
23451C	16	21	16	2	10
23452C	35	48	37	2	10
23453C	63	82	63	2	10
23454C	100	120	101	2	10
23455C	150	171	152	2	5
23456C	200	222	203	2	5
23457C	250	270	254	2	5
23458C	300	321	300	2	5

OFHC copper, hardness approx. 85 Brinell, *European standard

CF COPPER GASKETS, ANNEALED

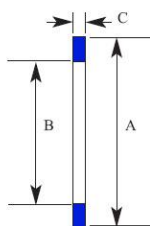


Order code	NW	A	B	C	PACK SIZE
239208C	16	21	16	2	5
239209C	35	48	37	2	5
239210C	63	82	63	2	5
239211C	100	120	101	2	5
239212C	150	171	152	2	5
239213C	200	222	203	2	5
239214C	250	270	254	2	5

recommended to use with viewports, hardness approx. 45 Brinell,

CF Components

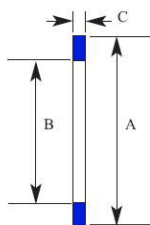
CF COPPER GASKETS, SILVER PLATED



Order code	NW	A	B	C	PACK SIZE
23461C	16	21	16	2	5
23462C	35	48	37	2	5
23463C	63	82	63	2	5
23464C	100	120	101	2	5
23465C	150	171	152	2	5
23466C	200	222	203	2	5

silver plating (5-7 μm) prevents oxidation of the parts exposed to atmosphere during bake out.

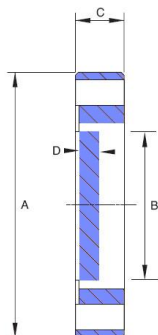
CF COPPER GASKETS, SILVER PLATED, ANNEALED



Order code	NW	A	B	C	PACK SIZE
239215C	16	21	16	2	10
239216C	35	48	37	2	10
239217C	63	82	63	2	10
239218C	100	120	101	2	10
239219C	150	171	152	2	5
239220C	200	222	203	2	5

silver plating (5-7 μm) prevents oxidation of the parts exposed to atmosphere during bake out.

CF ZERO LENGTH VIEWPORTS, KODIAL



Order code	NW	A	B	C	D
24021C	16	34	16	12,7	1,0
24022C	35	70	38	12,7	2,5
24023C	63	114	63	17,4	3,0
24024C	100	152	89	19,9	4,0
24025C	150	203	136	22,3	6,5

bakeable to 200°C at not greater than 2-3°C pro minute,
to be used with annealed copper gaskets