



WE DO LESS , ON VACUUM COMPONENTS

По вопросам приобретения просьба обращаться на эл.почту KOV@ELTM.RU



CF FLANGES



По вопросам приобретения просьба обращаться на эл.почту KOV@ELTM.RU

FEATURES

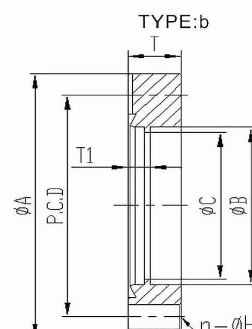
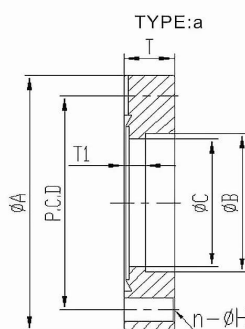
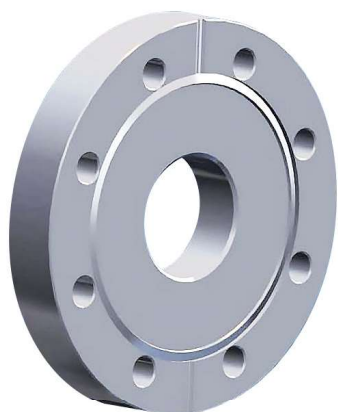
- ⚙ The high sealing effect and the low leak rates performance of CF flange connections is a result of gasket material. When assembling the CF flange connect, the knife edge is pressed into the flat copper gasket and force the seal material both axially as well as radially outwards to the flange. The material is enclosed and cannot flow even at high bakeout temperature. Due to this deformation of the seal such connections may sometimes stick together. They can be easily separated with a special tool or screwdriver.
- ⚙ Offered in both rotatable and non rotatable versions with through holes and tapped bolt holes. Metric tapped holes and untapped holes flanges are identical products. Other tapped holes can be ordered as specials.

Specifications	Blanks & Flanges	SS304/316L (Other material available upon request)
	Gaskets	OFHC Copper or viton
	Bolt	304 S.S.
	Temp Rang	-200°(-450°(OFHC Copper))
	Vacuum Range	10-13 torr
	Torque Rating	CF35 and smaller 200kgf-cm CF63 and larger 360kgf-cm

CF flanges are suited for use in applications requiring a very clean environment, ultrahigh vacuum conditions, high temperature or where critical or dangerous materials must be contained or excluded. This included.

1. Difficult applications with corrosive radioactive, toxic or air sensitive materials.
2. Materials creation and processing such as molecular beam epitaxy.
3. Analytical instrumentation including Auger electron spectrometers and electron microscopes
4. High energy physics installations such as accelerators and fusion devices

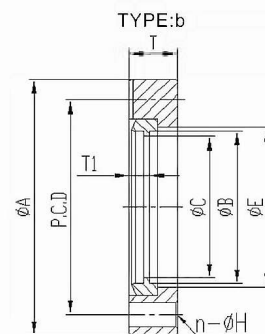
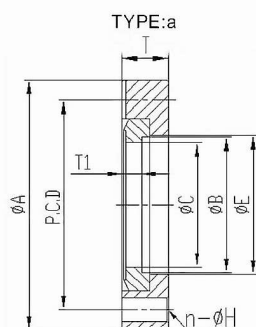
CF Bored Flanges, Fixed



Model No	CF16(1.33")	CF25(2.12")	CF35(2.75")		CF50(3.37")	CF63(4.5")	
TYPE	a	a	a	b	a	a	b
A	34	54	70	70	86	114	114
B	18	28	38	34.3	53	66	64
C	16	25	35	32	50	63	61
T	7.3	10.5	13	12.7	16	17.5	17.5
T1	4.3	5	5.5	5.3	8	9.5	9.5
P.C.D	27	43	58.7		72.4	92.2	
Material	304 S.S	304 S.S	304 S.S		304 S.S	304 S.S	
N°H	6XØ4.3	6XØ6.6	6XØ6.6		8XØ8.4	8XØ8.4	
Parts No	AFT-C0001	AFT-C0002	AFT-C0003.		AFT-C0004	AFT-C0005	
N°H	6XM4	6XM6	6XM6		8XM8	8XM8	
Parts No	AFT-C0010	AFT-C0011	AFT-C0012		AFT-C0013	AFT-C0014	

Model No	CF100(6")		CF150(8")		CF200(10")		CF250(12")
TYPE	a	b	a	b	a	b	a
A	152	152	202	203	253	253	305
B	104	102	154	153.5	205.5	203.5	256.5
C	100	97	150	148.5	200	198.5	250
T	20	20	22	22	24.5	25	26
T1	11	11	12.5	12.5	12.5	12.5	13
P.C.D	130.3		181		231.8		284
Material	304 S.S		304 S.S		304 S.S		304 S.S
N°H	16XØ8.4		20XØ8.4		24XØ8.4		32XØ8.4
Parts No	AFT-C0006		AFT-C0007		AFT-C0008		AFT-C0009
N°H	16XM8		20XM8		24XM8		32XM8
Parts No	AFT-C0015		AFT-C0016		AFT-C0017		AFT-C0018

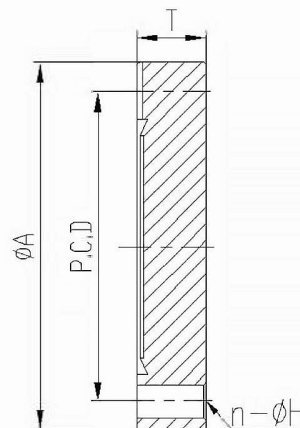
CF Bored Flanges, Rotatable



Model No	CF16(1.33")	CF25(2.12")	CF35(2.75")		CF50(3.37")	CF63(4.5")	
TYPE	a	a	a	b	a	a	b
A	34	54	70	70	86	114	114
E	18.5	29	39	39	56	71	67
B	18	28	38	34.3	53	66	64
C	16	25	35	32	50	63	61
T	7.3	10.5	13	12.7	16	17.5	17.5
T1	4.3	5	5.5	5.3	8	9.5	9.5
P.C.D	27	43	58.7		72.4	92.2	
Material	304 S.S	304 S.S	304 S.S		304 S.S	304 S.S	
N°ØH	6 X Ø4.3	6 X Ø6.6	6 X Ø6.6		8 X Ø8.4	8 X Ø8.4	
Parts No	AFT-C0019	AFT-C0020	AFT-C0021		AFT-C0022	AFT-C0023	
N°ØH	6XM4	6XM6	6XM6		8XM8	8XM8	
Parts No	AFT-C0028	AFT-C0029	AFT-C0030		AFT-C0031	AFT-C0032	

Model No	CF100(6")		CF150(8")		CF200(10")		CF250(12")
TYPE	a	b	a	b	a	b	a
A	152	152	202	203	253	253	305
E	109	105	160	155.5	208	206.5	262
B	104	102	154	153.5	205.5	203.5	256.5
C	100	97	150	148.5	200	198.5	250
T	20	20	22	22	245	25	26
T1	11	11	12.5	12.5	12.5	12.5	13
P.C.D	130.3		181		231.8		284
Material	304 S.S		304 S.S		304 S.S		304 S.S
N°ØH	16X Ø8.4		20X Ø8.4		24X Ø8.4		32X Ø8.4
Parts No	AFT-C0024		AFT-C0025		AFT-C0026		AFT-C0027
N°ØH	16XM8		20XM8		24XM8		32XM8
Parts No	AFT-C0033		AFT-C0034		AFT-C0035		AFT-C0036

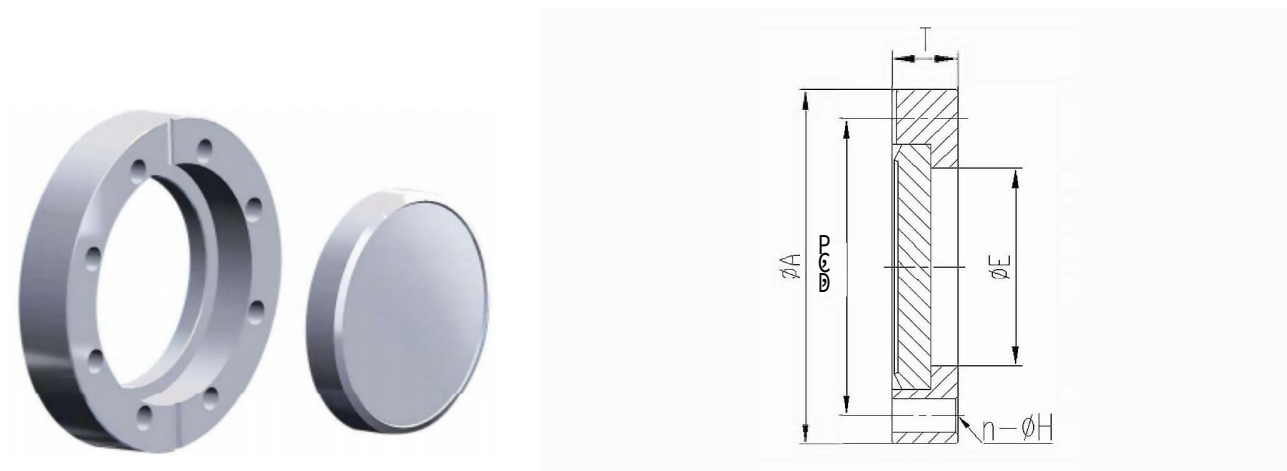
CF Blank Flanges, Fixed



Model No	CF16(1.33")	CF25(2.12")	CF35(2.75")	CF50(3.37")	CF63(4.5")
A	34	54	70	86	114
T	7.3	10.5	13	16	17.5
P.C.D	27	43	58.7	72.4	92.2
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N°ØH	6XØ4.3	6XØ6.6	6XØ6.6	8XØ8.4	8XØ8.4
Parts No	AFT-C0037	AFT-C0038	AFT-C0039	AFT-C0040	AFT-C0041
N°ØH	6XM4	6XM6	6XM6	8XM8	8XM8
Parts No	AFT-C0046	AFT-C0047	AFT-C0048	AFT-C0049	AFT-C0050

Model No	CF100(6")	CF150(8")	CF200(10")	CF250(12")
A	152	202	253	305
T	20	22	24.5	26
P.C.D	130.3	181	231.8	284
Material	304 S.S	304 S.S	304 S.S	304 S.S
N°ØH	16XØ8.4	20XØ8.4	24XØ8.4	32XØ8.4
Parts No	AFT-C0042	AFT-C0043	AFT-C0044	AFT-C0045
N°ØH	16XM8	20XM8	24XM8	32XM8
Parts No	AFT-C0051	AFT-C0052	AFT-C0053	AFT-C0054

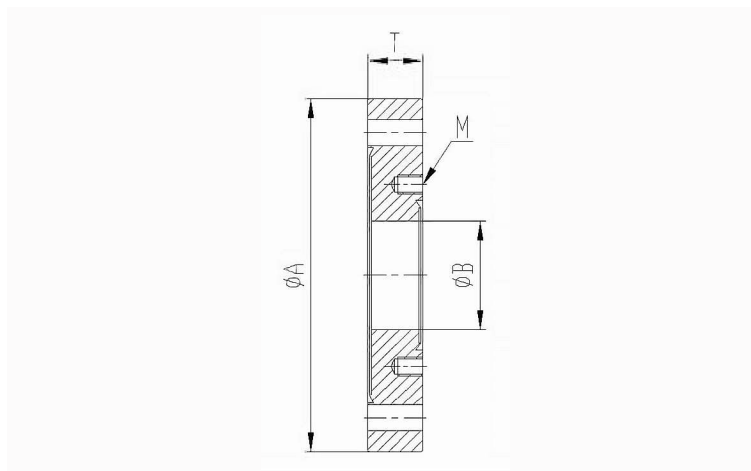
CF Blank Rotatable Flanges



Model No	CF16(1.33")	CF25(2.12")	CF35(2.75")	CF50(3.37")	CF63(4.5")
A	34	54	70	86	114
E	18.5	29	39	56	71
T	7.3	10.5	13	16	17.5
P.C.D	27	43	58.7	72.4	92.2
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N$\varnothing$H	6X $\varnothing$ 4.3	6X $\varnothing$ 6.6	6X $\varnothing$ 6.6	8X $\varnothing$ 8.4	8X $\varnothing$ 8.4
Parts No	AFT-C0055	AFT-C0056	AFT-C0057	AFT-C0058	AFT-C0059
N$\varnothing$H	6XM4	6XM6	6XM6	8XM8	8XM8
Parts No	AFT-C0064	AFT-C0065	AFT-C0066	AFT-C0067	AFT-C0068

Model No	CF100(6")	CF150(8")	CF200(10")	CF250(12")
A	152	202	253	305
E	109	160	208	256.5
T	20	22	24.5	26
P.C.D	130.3	181	231.8	284
Material	304 S.S	304 S.S	304 S.S	304 S.S
N$\varnothing$H	16X $\varnothing$ 8.4	20X $\varnothing$ 8.4	24X $\varnothing$ 8.4	32X $\varnothing$ 8.4
Parts No	AFT-C0060	AFT-C0061	AFT-C0062	AFT-C0063
N$\varnothing$H	16XM8	20XM8	24XM8	32XM8
Parts No	AFT-C0069	AFT-C0070	AFT-C0071	AFT-C0072

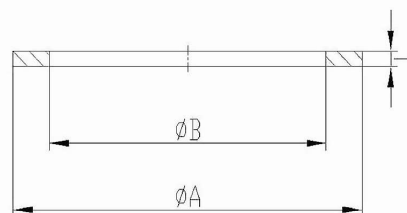
CF Zero Length Flange Adaptor



Model No	CF35-CF16 (2.75"-1.33")	CF63-CF1 6 (4.5"-1.33")	CF63-CF35 (4.5"-2.75")	CF100-CF16 (10"-1.33")	CF100-CF35 (6"-2.75")	CF100-CF63 (6"-4.5")	CF150-CF16 (8"-1.33")	CF150-CF35 (8"-2.75")
A	70	114	114	152	152	152	203	203
B	17	17	38	17	38	65	17	38
T	12.7	17.5	17.5	20	20	20	22	22
M	6-M4(DP6)	6-M4(DP8)	6-M6(DP8)	6-M4(DP8)	6-M6(DP10)	8-M8(DP10)	6-M4(DP9))	6-M6(DP10)
TAP	M4X12	M4X15	M6X22	M4X15	M6X22	M8X30	M4X15	M6X22
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-C0073	AFT-C0074	AFT-C0075	AFT-C0076	AFT-C0077	AFT-C0078	AFT-C0079	AFT-C0080

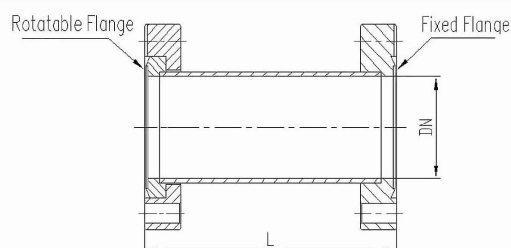
Model No	CF150-CF63 (8"-4.5")	CF150-CF100 (8"-6")	CF200-CF16 (10"-1.33")	CF200-CF35 (10"-2.75")	CF200-CF63 (10"-4.5")	CF200-CF100 (10"-6")	CF200-CF150 (10"-8")
A	203	203	253	253	253	253	253
B	65	103	17	38	65	103	154
T	22	22	25	25	25	25	25
M	8-M8(DP10)	16-M8(DP10)	6-M4(DP9)	6-M6(DP10)	8-M8(DP10)	16-M8(DP10)	20-M8(DP10)
TAP	M8X30	M8X30	M4X15	M6X22	M8X35	M8X35	M8X35
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-C0081	AFT-C0082	AFT-C0083	AFT-C0084	AFT-C0085	AFT-C0086	AFT-C0087

CF Gasket



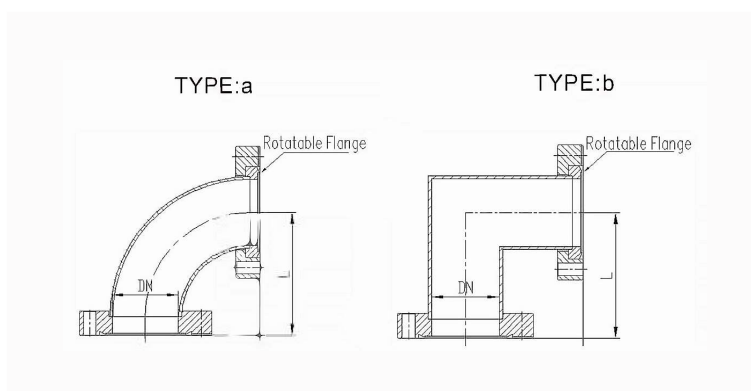
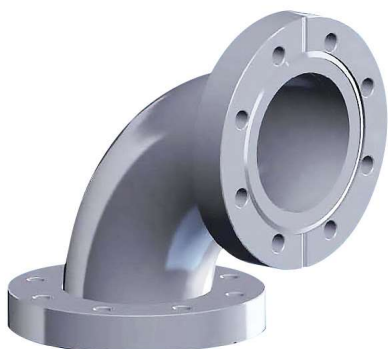
Model No	CF16(1.33")	CF20(2.12")	CF35(2.75")	CF50(3.37")	CF63(4.5")	CF100(6")	CF150(8")	CF200(10")	CF250(12")
A	21.3	35	48.2	61	82.4	120.5	171.3	222.1	272.7
B	16.3	25.6	39	52	63.8	102	152.8	203.6	254
T	2	2	2	2	2	2	2	2	2
Material	copper	copper	copper	copper	copper	copper	copper	copper	copper
Parts No	AFT-C0088	AFT-C0089	AFT-C0090	AFT-C0091	AFT-C0092	AFT-C0093	AFT-C0094	AFT-C0095	AFT-C0096

CF Flange Full Nipples



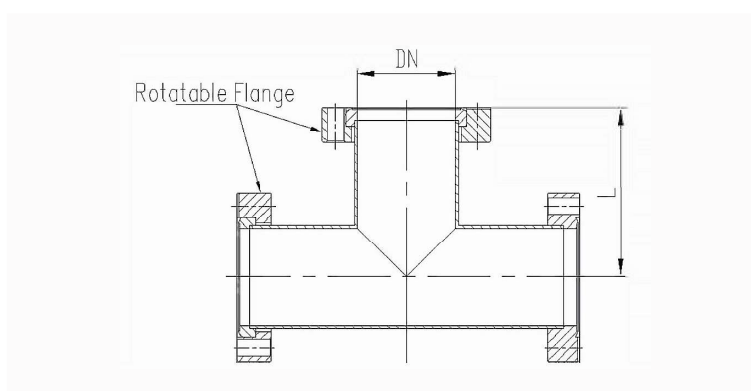
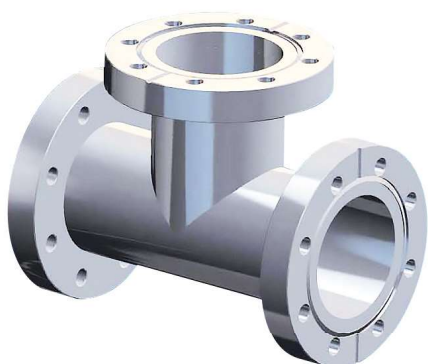
Model No	CF16(1.33")	CF35(2.75")	CF50(3.37")	CF63(4.5")	CF100(6")	CF150(8")	CF200(10")
DN	16	35	50	63	100	150	200
L	80	130	176	176	216	276	416
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-C0097	AFT-C0098	AFT-C0099	AFT-C0100	AFT-C0101	AFT-C0102	AFT-C0103

CF 90° Elbows



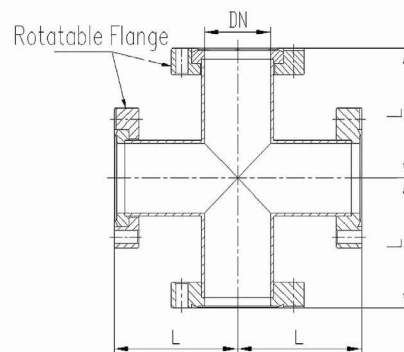
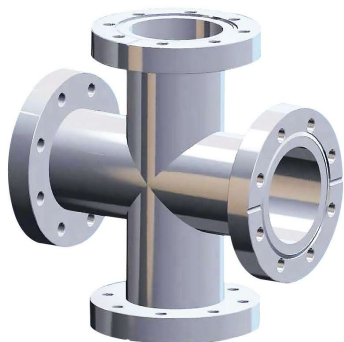
Model No	CF16(1.33")	CF35(2.75")	CF50(3.37")	CF63(4.5")	CF100(6")	CF150(8")	CF200(10")
DN	16	35	50	63	100	150	200
L	38	63	88	105	135	167	203
Tube size	19.05X1.65	38.1X1.65	53X1.65	63.5X1.65	104X2.11	154X2.11	204X2.11
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-C0104	AFT-C0105	AFT-C0106	AFT-C0107	AFT-C0108	AFT-C0109	AFT-C0110

CF Tees



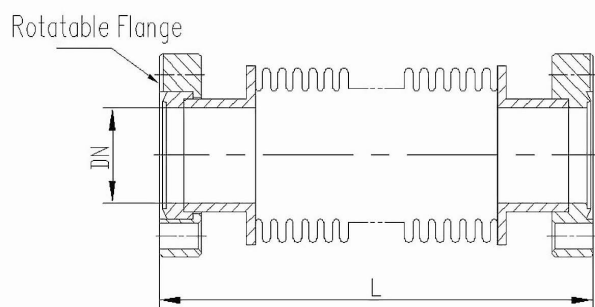
Model No	CF16(1.33")	CF35(2.75")	CF50(3.37")	CF63(4.5")	CF100(6")	CF150(8")	CF200(10")
DN	16	35	50	63	100	150	200
L	40	65	88	88	108	138	208
Tube size	19.05X1.65	38.1X1.65	53X1.65	63.5X1.65	104X2.11	154X2.11	204X2.11
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-C0111	AFT-C0112	AFT-C0113	AFT-C0114	AFT-C0115	AFT-C0116	AFT-C0117

CF Crosses



Model No	CF16(1.33")	CF35(2.75")	CF50(3.37")	CF63(4.5")	CF100(6")	CF150(8")	CF200(10")
DN	16	35	50	63	100	150	200
L	40	65	88	88	108	138	208
Tube size	19.05X1.65	38.1X1.65	53X1.65	63.5X1.65	104X2.11	154X2.11	204X2.11
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-C0118	AFT-C0119	AFT-C0120	AFT-C0121	AFT-C0122	AFT-C0123	AFT-C0124

CF Bellows Flexible Tube



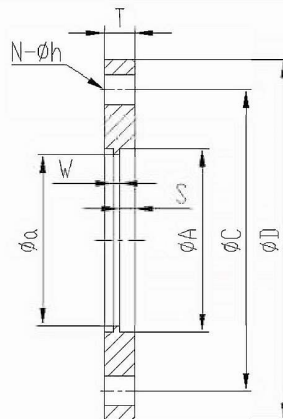
NOMINAL DIAMETER	DN16-CF	DN40-CF	DN63-CF	DN100-CF	DN160-CF	DN200-CF
A	110	160	250	250	270	300
CODE	AFT-C-16	AFT-C-40	AFT-C-63	AFT-C-100	AFT-C-160	AFT-C-200

VG FLANGE



По вопросам приобретения просьба обращаться на эл.почту KOV@ELTM.RU

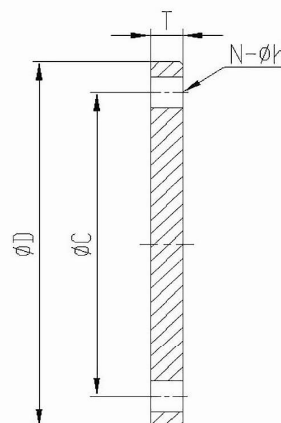
VF Flange



Model No	VF10-10A	VF20-20A	VF25-25A	VF40-40A	VF50-50A	VF65-65A	VF80-80A
Tube size	17.3	27.2	34	48.6	a	60.5	89.1
A	17.5	28	35	49.5	86	61	90
D	70	80	90	105	56	120	160
T	8	8	8	10	53	10	12
S	4	4	4	5	50	5	6
a	15	25	32	46	16	57	86
W	1.5	1.5	1.5	1.5	8	2	2
C	50	60	70	85	72.4	100	135
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N$\varnothing$H	4X $\varnothing$ 10	4X $\varnothing$ 10	4X $\varnothing$ 10	4X $\varnothing$ 10	8X $\varnothing$ 8.4	4X $\varnothing$ 10	4X $\varnothing$ 12
Parts No	AFT-J0001	AFT-J0002	AFT-J0003	AFT-J0004	AFT-C0022	AFT-J0005	AFT-J0007
N$\varnothing$H	4XM8	4XM8	4XM8	4XM8	8XM8	4XM8	4XM10
Parts No	AFT-J0008	AFT-J0009	AFT-J0010	AFT-J0011	AFT-C0031	AFT-J0012	AFT-J0014

Model No	VF100-100A	VF125-125A	VF150-150A	VF200-200A	VF250-250A	VF300-300A	VF350-350A
Tube size	114.3	139.8	165.2	216.3	267.4	318.5	355.6
A	115	141	166	218	269	320	356.6
D	185	210	235	300	350	400	450
T	12	12	12	16	16	16	20
S	6	6	6	8	8	8	10
a	111	136	161	212	263	314	350.6
W	2	2	2	3	3	3	4
C	160	185	210	270	320	370	420
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N$\varnothing$H	8X $\varnothing$ 12	8X $\varnothing$ 12	8X $\varnothing$ 12	8X $\varnothing$ 15	12X $\varnothing$ 15	12X $\varnothing$ 15	12X $\varnothing$ 15
Parts No	AFT-J0015	AFT-J0016	AFT-J0017	AFT-J0018	AFT-J0019	AFT-J0020	AFT-J0021
N$\varnothing$H	8XM10	8XM10	8XM10	8XM12	12XM12	12XM12	12XM12
Parts No	AFT-J0022	AFT-J0023	AFT-J0024	AFT-J0025	AFT-J0026	AFT-J0027	AFT-J0028

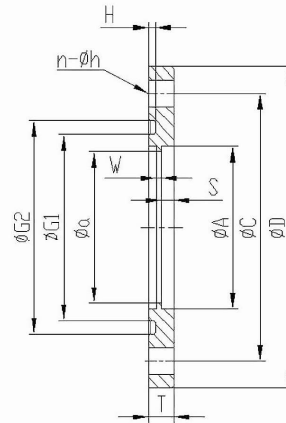
VF Blank Flange



Model No	VF10-00	VF20-00	VF25-00	VF40-00	VF50-00	VF65-00	VF80-00
D	70	80	90	105	120	145	160
T	8	8	8	10	10	10	12
C	50	60	70	85	100	120	135
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N$\times$ØH	4XØ10	4XØ10	4XØ10	4XØ10	4XØ10	4XØ12	4XØ12
Parts No	AFT-J009	AFT-J0030	AFT-J0031	AFT-J0032	AFT-J0033	AFT-J0034	AFT-J0035
N$\times$ØH	4XM8	4XM8	4XM8	4XM8	4XM8	4XM10	4XM10
Parts No	AFT-J0036	AFT-J0037	AFT-J0038	AFT-J0039	AFT-J0040	AFT-J0041	AFT-J0042

Model No	VF100-00	VF125-00	VF150-00	VF200-00	VF250-00	VF300-00	VF350-00
D	185	210	235	300	350	400	450
T	12	12	12	16	16	16	20
C	160	185	210	270	320	370	420
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N$\times$ØH	8XØ12	8XØ12	8XØ12	8XØ15	12XØ15	12XØ15	12XØ15
Parts No	AFT-J0043	AFT-J0044	AFT-J0045	AFT-J0046	AFT-J0047	AFT-J0048	AFT-J0049
N$\times$ØH	8XM10	8XM10	8XM10	8XM12	12XM12	12XM12	12XM12
Parts No	AFT-J0050	AFT-J0051	AFT-J0052	AFT-J0053	AFT-J0054	AFT-J0055	AFT-J0056

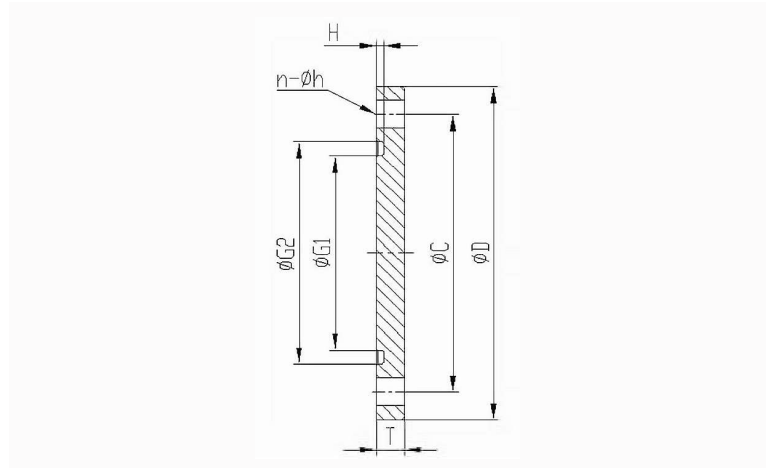
VG Flange



Model No	VG10-10A	VG20-20A	VG25-25A	VG40-40A	VG50-50A	VG65-65A	VG80-80A
Tube size	17.3	27.2	34	48.6	60.5	76.3	89.1
A	17.5	28	35	49.5	61	77	90
D	70	80	90	105	120	145	160
T	8	8	8	10	10	10	12
S	4	4	4	5	5	5	6
a	15	25	32	46	57	73	86
W	1.5	1.5	1.5	1.5	2	2	2
C	50	60	70	85	100	120	135
G1	24	34	40	55	70	85	100
G2	34	44	50	65	80	95	110
H	3	3	3	3	3	3	3
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N°H	4XØ10	4XØ10	4XØ10	4XØ10	4XØ10	4XØ12	4XØ12
Parts No	AFT-J0057	AFT-J0058	AFT-J0059	AFT-J0060	AFT-J0061	AFT-J0062	AFT-J0063
N°H	4XM8	4XM8	4XM8	4XM8	4XM8	4XM10	4XM10
Parts No	AFT-J0064	AFT-J0065	AFT-J0066	AFT-J0067	AFT-J0068	AFT-J0069	AFT-J0070

Model No	VG100-100A	VG125-125A	VG150-150A	VG200-200A	VG250-250A	VG300-300A	VG350-350A
Tube size	114.3	139.8	165.2	216.3	267.4	318.5	355.6
A	115	141	166	218	269	320	356.6
D	185	210	235	300	350	400	450
T	12	12	12	16	16	16	20
S	6	6	6	8	8	8	10
a	111	136	161	212	263	314	350.6
W	2	2	2	3	3	3	4
C	160	185	210	270	320	370	420
G1	120	150	175	225	275	325	380
G2	130	160	185	241	291	341	396
H	3	3	3	4.5	4.5	4.5	4.5
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N°H	8XØ12	8XØ12	8XØ12	8XØ15	12XØ15	12XØ15	12XØ15
Parts No	AFT-J0071	AFT-J0072	AFT-J0073	AFT-J0074	AFT-J0075	AFT-J0076	AFT-J0077
N°H	8XM10	8XM10	8XM10	8XM12	8XM12	8XM12	12XM12
Parts No	AFT-J0078	AFT-J0079	AFT-J0080	AFT-J0081	AFT-J0082	AFT-J0083	AFT-J0084

VG Blank Flange



Model No	VG10-00	VG20-00	VG25-00	VG40-00	VG50-00	VG65-00	VG80-00
D	70	80	90	105	120	145	160
T	8	8	8	10	10	10	12
C	50	60	70	85	100	120	135
G1	24	34	40	55	70	85	100
G2	34	44	50	65	80	95	110
H	3	3	3	3	3	3	3
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N[°]H	4XØ10	4XØ10	4XØ10	4XØ10	4XØ10	4XØ12	4XØ12
Parts No	AFT-J0085	AFT-J0086	AFT-J0087	AFT-J0088	AFT-J0089	AFT-J0090	AFT-J0091
N[°]H	4XM8	4XM8	4XM8	4XM8	4XM8	4XM10	4XM10
Parts No	AFT-J0092	AFT-J0093	AFT-J0094	AFT-J0095	AFT-J0096	AFT-J0097	AFT-J0098

Model No	VG100-00	VG125-00	VG150-00	VG200-00	VG250-00	VG300-00	VG350-00
D	185	210	235	300	350	400	450
T	12	12	12	16	16	16	20
C	160	185	210	270	320	370	420
G1	120	150	175	225	275	325	380
G2	130	160	185	241	291	341	396
H	3	3	3	4.5	4.5	4.5	4.5
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 s.S
N[°]H	8XØ12	8XØ12	8XØ12	8XØ15	12XØ15	12XØ15	12XØ15
Parts No	AFT-J0099	AFT-J0100	AFT-J0101	AFT-J0102	AFT-J0103	AFT-J0104	AFT-J0105
N[°]H	8XM10	8XM10	8XM10	8XM12	8XM12	8XM12	12XM12
Parts No	AFT-J0106	AFT-J0107	AFT-J0108	AFT-J0109	AFT-J0110	AFT-J0111	AFT-J0112

KF FLANGE



По вопросам приобретения просьба обращаться на эл.почту KOV@ELTM.RU

FEATURES

- ⚙ The typical KF or NW assembly consists of two identical flanges, a center-ring, and an Aluminum clamp with a wing nut fastener frequently connect and disconnect without tools.
- ⚙ The vacuum seal is effected by uniform application of pressure by the clamp on 15° surface of the flange.
- ⚙ The mating flange surfaces compress an O ' ring(held in place by metal centering ring)to generate a seal.

Specifications	Blanks	304 (Other material available upon request)
	Flanges	304 (Other material available upon request)
	Fittings	304 (Other material available upon request)
	Clamp	Aluminum /304
	O-ring material	Viton or NBR
	Temperature Range	180°C(Viton) 80°C(NBR)
	Vacuum Rate	10-8 torr

Larger or special size available upon request Complete Clamp Assemblies

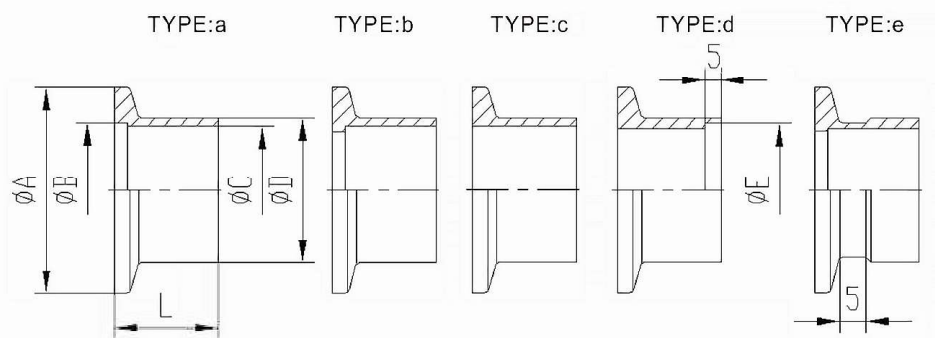
- Hinged Clamp assemblies,detailed above,are the most commonly used method for making KF-Flange vacuum seal connections. Assembly is simplified by the 360°rotatable flanges and self-centering feature of the centering ring.
- Pressure is applied uniformly around the 15° outer surface of both flanges by finger-tightening the single wingnut until the first metal-to- metal contact is made between the spacing lips of the centering ring and the inner surface of the mating flanges. This compresses the O ' ring between the flanges and makes the vacuum seal.

Application for KF Components

Applications for this system are as varied as the imagination can make them. Some examples are:

- Roughing and foreline plumbing for large vacuum system.
- Small system.
- System demanding frequent change.
- Experimental system in research laboratories.
- Teaching laboratories.

NW Flange



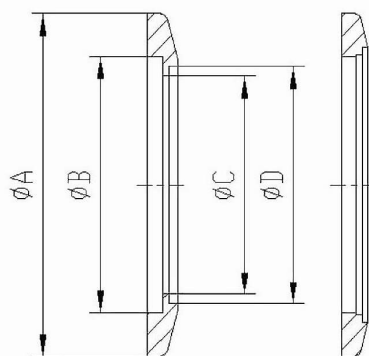
L=20,L=30,L=40,L=50,L=60,L=70

Model No	NW10		NW16			NW25			
TYPE	a		a	b	e		a		
A	30	30	30	30	30	40	40	40	40
B	12.2	12.2	17.2	17.2	17.2	26.2	26.2	26.2	26.2
C	10	10	16	17.5	17.5	25	23	23	30
D	14	13.8	20	21.7	21.7	28	25.4	27.2	34
E	--	--	--	--	--	--	--	--	--
L	40	40	40	40	40	40	40	40	40
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0001	AFT-K0002	AFT-K0003	AFT-K0004	AFT-K0005	AFT-K0006	AFT-K0007	AFT-K0008	AFT-K0008S

Model No	NW40			NW50			NW63-J	NW63-E	NW80
TYPE	a			a	b		c	c	c
A	55	55	55	75	75	75	87	95	114
B	41.2	41.2	41.2	52.2	52.2	52.2	70.2	70.2	83
C	34	37.1	42.2	50	47.6	57.2	70.2	70.2	83
D	38.1	42.7	48.6	55	50.8	60.5	76.3	76.3	89.1
E	--	--	--	--	--	--	--	--	--
L	40	40	40	40	40	40	20	20	20
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0009	AFT-K0010	AFT-K0011	AFT-K0012	AFT-K0013	AFT-K0014	AFT-K0015J	AFT-K0015E	AFT-K0016

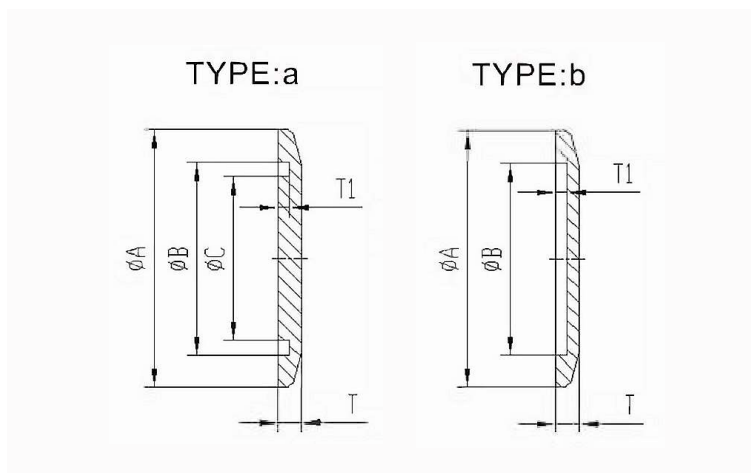
Model No	NW80	NW100		NW125	NW160		NW200-J	NW200-E	NW250-J	NW250-E
TYPE	d	b	d	d	b	d	d	d	d	d
A	114	134	134	161	190	190	252	240	301	290
B	83	102	102	127	153	153	213	213	261	261
C	83	108.3	102	127	158.4	153	213	213	261	261
D	--	114.3	--	--	165.2	--	--	--	--	--
E	89.8	--	114.8	140.8	--	166.5	217.8	217.8	269	269
L	20	20	20	20	20	20	20	20	20	20
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0017	AFT-K0018	AFT-K0019	AFT-K0020	AFT-K0021	AFT-K0023J	AFT-K0023J	AFT-K0023E	AFT-K0024J	AFT-K0024E

NW Bored Weld Flanges



Model No	NW16		NW25		NW40		NW50	
TYPE	a	b	a	a	a	a	a	b
A	30	30	40	40	55	55	75	75
B	17.2	17.2	26.2	26.2	41.2	41.2	52.2	52.2
C	16	17.5	25	23	40	37	50	54.9
D	20.2	21.9	28.2	27.4	44.7	42.9	55.2	60.7
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0025	AFT-K0026	AFT-K0027	AFT-K0028	AFT-K0029	AFT-K0030	AFT-K0031	AFT-K0032

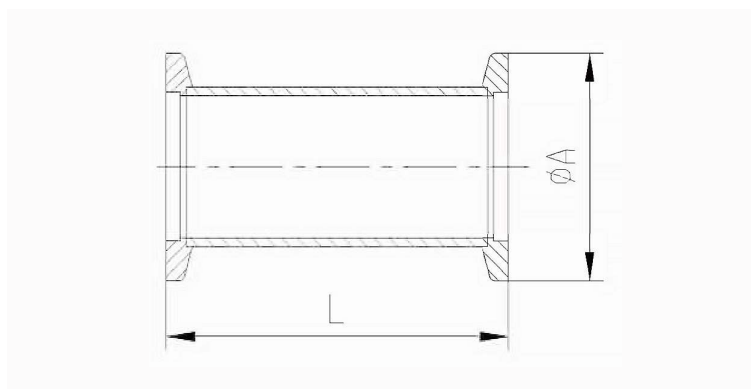
NW Blank Flange



Model No	NW10		NW16		NW25		NW40	
TYPE	a	b	a	b	a	b	a	b
A	30	30	30	30	40	40	55	55
B	12.2	12.2	17.2	17.2	26.2	26.2	41.2	41.2
C	6	--	11	--	20	--	35	--
T	5	5	5	5	5	5	5	5
T1	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0033	AFT-K0034	AFT-K0035	AFT-K0036	AFT-K0037	AFT-K0038	AFT-K0039	AFT-K0040

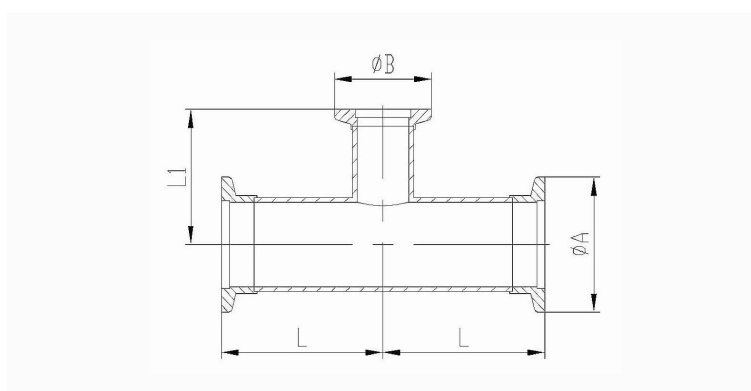
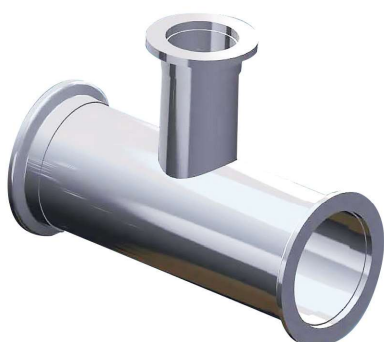
Model No	NW50		NW63-J	NW63-E	NW80	NW100	NW125	NW160	NW200-J	NW200-E
TYPE	a	b	a	a	a	a	a	a	a	a
A	75	75	87	95	114	134	161	190	252	240
B	52.2	52.2	70.2	70.2	83	102	127	153	213	213
C	46	--	64	64	73	92	117	143	203	203
T	5	5	5	12	12	12	12	12	12	12
T1	2.5	2.5	2.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0041	AFT-K0042	AFT-K0043J	AFT-K0043E	AFT-K0044	AFT-K0045	AFT-K0046	AFT-K0047	AFT-K0048J	AFT-K0048E

NW Full Nipple



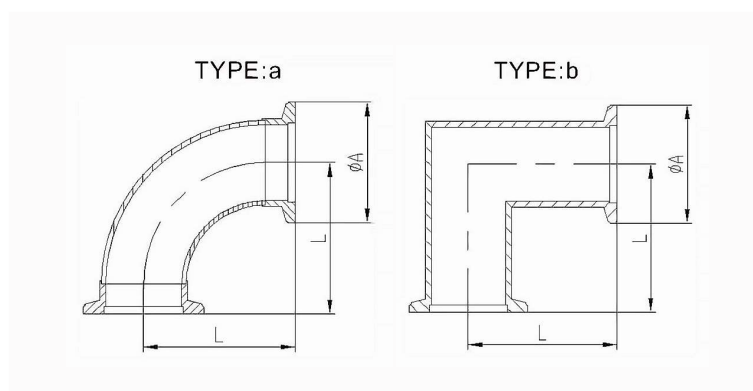
Model No	NW16	NW25	NW40	NW50	NW63	NW80	NW100
A	30	40	55	75	87	114	134
L	80	100	130	140	100	100	100
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0049	AFT-K0050	AFT-K0051	AFT-K0052	AFT-K0053	AFT-K0054	AFT-K0055

NW Reducing Tees



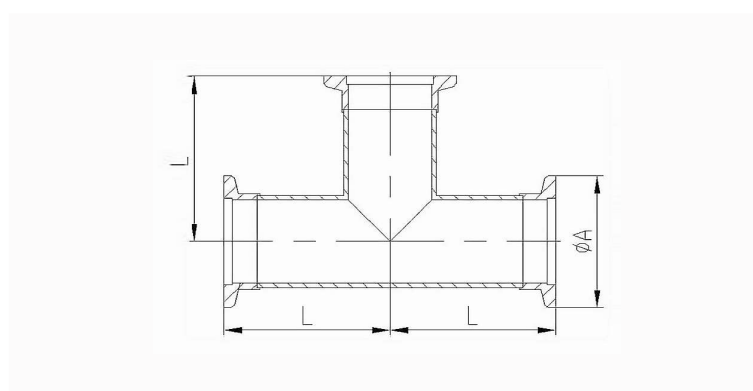
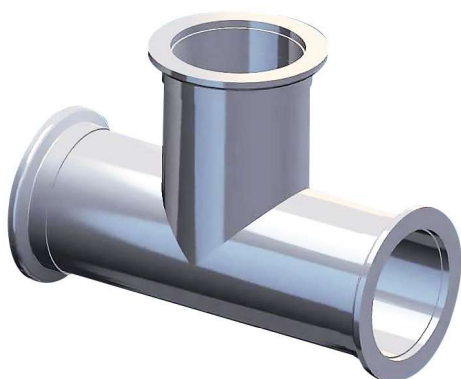
Model No	NW10/25	NW16/25	NW16/40	NW25/40	NW16/50	NW25/50	NW40/50
A	40	40	55	55	75	75	75
B	30	30	30	30	30	40	22
L1	40	40	40	40	40	50	65
L	50	50	65	65	70	70	70
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0072	AFT-K0073	AFT-K0074	AFT-K0075	AFT-K0076	AFT-K0077	AFT-K0078

NW 90° Eblows



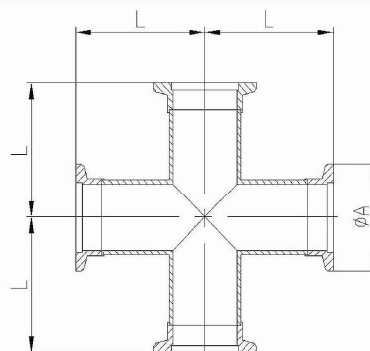
Model No	NW16	NW25	NW40	NW50
A	30	40	55	75
L	40	50	65	70
Material	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0060	AFT-K0061	AFT-K0062	AFT-K0063

NW Tees



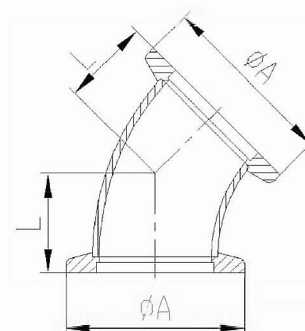
Model No	NW16	NW25	NW40	NW50
A	30	40	55	75
L	40	50	65	70
Material	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0064	AFT-K0065	AFT-K0066	AFT-K0067

NW Crosses



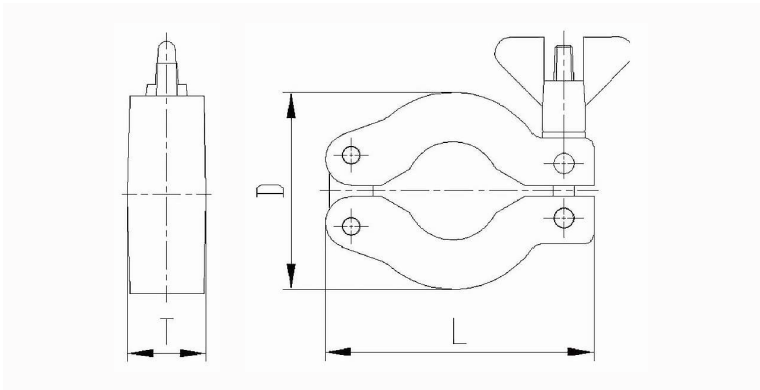
Model No	NW16	NW25	NW40	NW50
A	30	40	55	75
L	40	50	65	70
Material	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0068	AFT-K0069	AFT-K0070	AFT-K0071

NW 45° Elbows



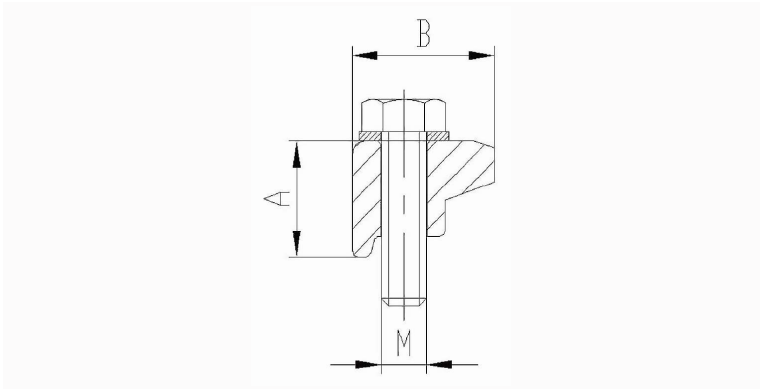
Model No	NW16	NW25	NW40	NW50
A	30	40	55	75
L	25.5	19.8	27.8	35.8
Material	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0056	AFT-K0057	AFT-K0058	AFT-K0059

NW Clamps



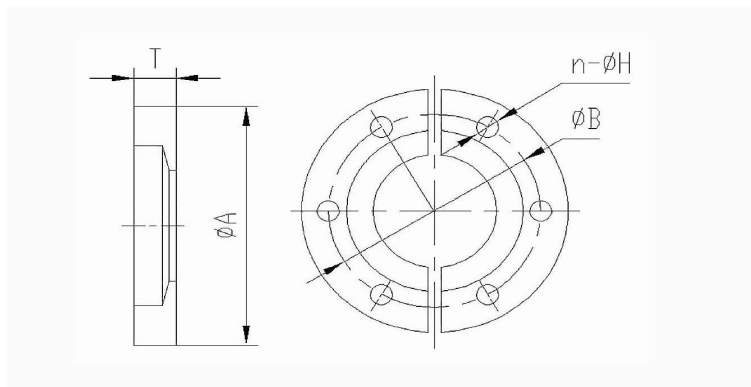
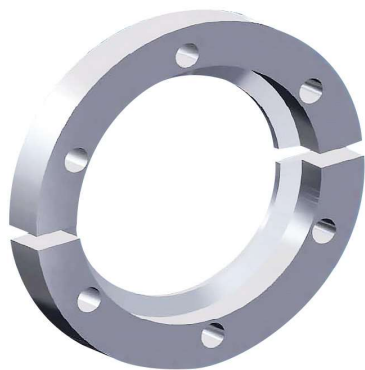
Model No	NW10/16	NW25	NW40	NW50
D	45	55	70	95
L	62	73	90	113
T	16	16	16	20
Material	Aluminum	Aluminum	Aluminum	Aluminum
Parts No	AFT-K0093	AFT-K0094	AFT-K0095	AFT-K0096
Material	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-K0097	AFT-K0098	AFT-K0099	AFT-K0100

NW Nall Clamp



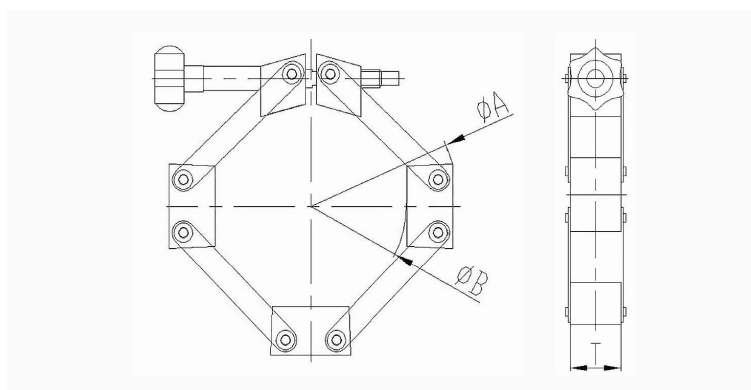
Model No	NW10-NW50
A	14
L	20
M	M6 X 20
Material	Aluminum
Parts No	AFT-K0104

NW Clamps Bulkhead



Model No	NW10/16	NW25	NW40	NW50		NW63	NW63
A	50.8	60.5	74.6	95.2	95.2	107.2	107.2
B	38.1	48	62	82.9	82.9	94.6	94.6
T	9.2	9.8	9.3	10.3	10.3	10.3	10.3
N$\times$H	6-Ø4.3	6-Ø5.3	6-Ø5.3	6-Ø5.3	8-Ø5.3	6-Ø5.3	8-Ø5.3
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Parts No	AFT-K0086	AFT-K0087	AFT-K0088	AFT-K0089	AFT-K0090	AFT-K0091	AFT-K0092

NW Chain Clamp



Model No	NW63	NW80	NW100	NW125	NW160	NW200 FLANGE Ø252	NW250
A	130	122	150	174	239	288	338
B	80	100	122	150	174	239	288
T	30	30	30	30	30	30	30
N$\times$H	Aluminum/304 S.S	Aluminum/304 S.S	Aluminum/304 S.S	Aluminum/304 S.S	Aluminum/304 S.S	Aluminum/304 S.S	Aluminum/304 S.S
Material	AFT-D0001	AFT-D0002	AFT-D0003	AFT-D0004	AFT-D0005	AFT-D0006	AFT-D0007
Parts No	AFT-K0086	AFT-K0087	AFT-K0088	AFT-K0089	AFT-K0090	AFT-K0091	AFT-K0092

ISO Flanges



По вопросам приобретения просьба обращаться на эл.почту KOV@ELTM.RU

FEATURES

- ⚙ The components of ISO universal flange system are defined by the international standards organization.
- ⚙ The construction of ISO flange series includes two smooth-faced sexless flanges clamped together with a combination metal centering ring and elastomeric O-ring between them.
- ⚙ ISO components are reusable and changeable with other ISO dimension components of the same size.

Specifications	Blanks & flanges	304S S (Other material available upon request)
	Retainer Rings	304S S (Other material available upon request)
	Centering Rings	304S S (Other material available upon request)
	Oute Ring	Aluminum
	Clamps	Aluminum, stainless steel ,steel plated
	O-ring material	Viton or NBR
	Temperature Range	150°C(Viton) 80°C(NBR)
	Vacuum Rate	10-8 torr

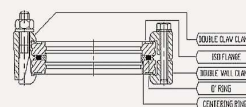
Larger or special size available upon request Complete Clamp Assemblies

the system is versatile because of many ways in which components can be assembled

Double wall (clamp or double claw)

Illustrates the double wall (claw) clamp assembly to connect pairs of ISO flanges.

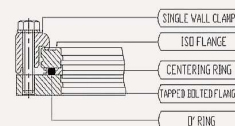
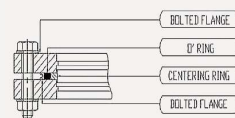
Ease of use and economic make this the most commonly used configuration.



Bolted Nonrotatable (single wall clamp)

The two bolt flanges connected in the normal way

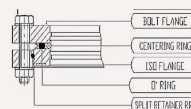
Single wall clamps are used to join a flange to a tapped flange on a pump, chamber or gate valve.



Bolted Rotatable

This fastening method allows the ISO flange to be rotated for ease of component alignment.

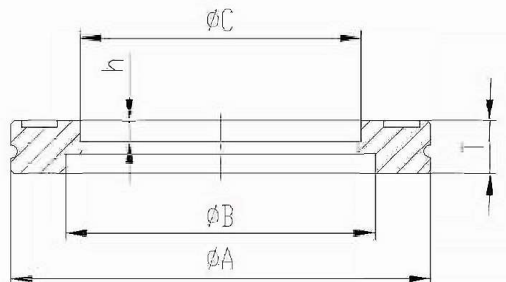
Additionally, a rotatable bolt ring can be used to ISO fasten to a non-rotatable flange using bolt.



Applications for this system are varied as the imagination can make them. Some examples are

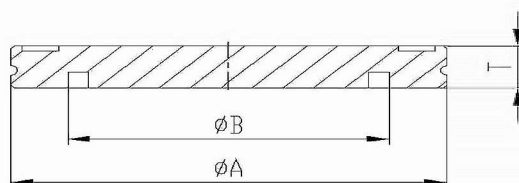
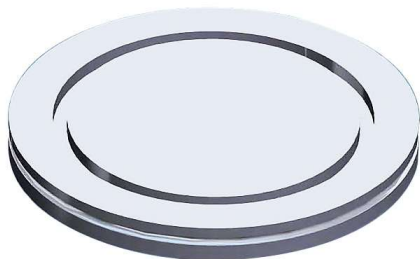
- Roughing and foreline plumbing for large vacuum system.
- High vacuum, high conductance, inter-connections.
- Modular system which will be modified frequently.
- High vacuum, high conductance, inter-connections.
- System requiring frequent cleaning.

ISO-K Flanges



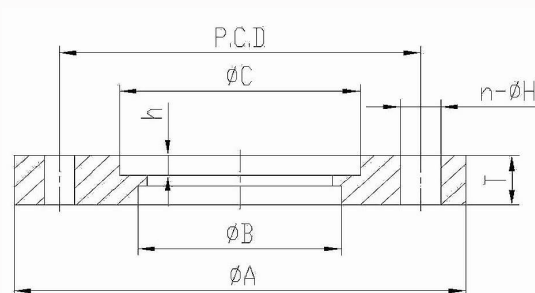
Model No	ISO63	ISO80	ISO100	ISO125	ISO160	ISO200	ISO250	ISO320	ISO400	ISO500
A	95	110	130	155	180	240	290	370	450	550
B	70	83	102	127	153	213	261	318	400	501
C	63.7	76.4	101.8	128	152.9	203.7	254.5	305.3	406.9	508.5
T	12	12	12	12	12	12	12	17	17	17
h	4.75	4.75	4.75	4.75	4.75	4.75	4.75	6	6	6
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-I0001	AFT-I0002	AFT-I0003	AFT-I0004	AFT-I0005	AFT-I0006	AFT-I0007	AFT-I0008	AFT-I0009	AFT-I0010

ISO-K Blank Flanges



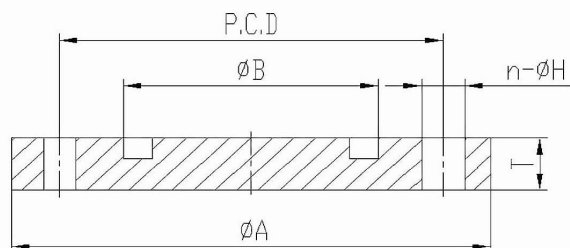
Model No	ISO63	ISO80	ISO100	ISO125	ISO160	ISO200	ISO250	ISO320	ISO400	ISO500
A	95	110	130	155	180	240	290	370	450	550
B	70	83	102	127	153	213	261	318	400	501
T	12	12	12	12	12	12	12	17	17	17
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-I0001	AFT-I0002	AFT-I0003	AFT-I0004	AFT-I0005	AFT-I0006	AFT-I0007	AFT-I0008	AFT-I0009	AFT-I0010

ISO-BT Bored Flanges Bolted



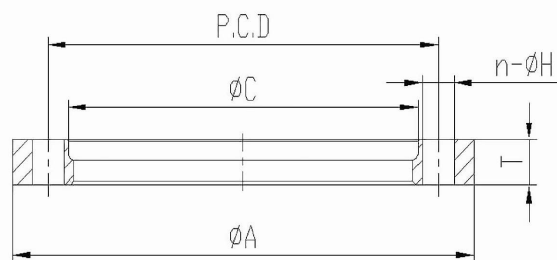
Model No	ISO63	ISO80	ISO100	ISO160	ISO200	ISO250	ISO320	ISO400	ISO500
A	130	145	165	225	285	335	425	510	610
B	70	83	102	153	213	261	318	400	501
C	63.7	76.4	101.8	152.9	203.7	254.5	305.3	406.9	508.8
P.C.D	110	125	145	200	260	310	395	480	580
T	12	12	12	16	16	16	20	20	20
h	4.75	4.75	4.75	4.75	4.75	4.75	6	6	6
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
NØH	Ø9X4	Ø9X8	Ø9X8	Ø11X8	Ø11X12	Ø11X12	Ø14X12	Ø14X16	Ø14X16
Parts No	AFT-I0021	AFT-I0022	AFT-I0023	AFT-I0024	AFT-I0025	AFT-I0026	AFT-I0027	AFT-I0028	AFT-I0029
NØH	M8X4	M8X8	M8X8	M10X8	M10X12	M10X12	M12X12	M12X16	M12X16
Parts No	AFT-I0030	AFT-I0031	AFT-I0032	AFT-I0033	AFT-I0034	AFT-I0035	AFT-I0036	AFT-I0037	AFT-I0038

ISO-BT Blank Flanges Bolted



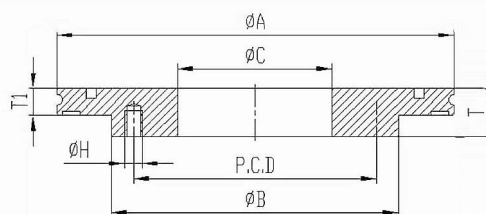
Model No	ISO63	ISO80	ISO100	ISO160	ISO200	ISO250	ISO320	ISO400	ISO500
A	130	145	165	225	285	335	425	510	610
B	63.7	76.4	101.8	152.9	203.7	254.5	305.3	406.9	508.8
P.C.D	110	125	145	200	260	310	395	480	580
T	12	12	12	16	16	16	20	20	20
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
N^oH	Ø9X4	Ø9X8	Ø9X8	Ø11X8	Ø11X12	Ø11X12	Ø14X12	Ø14X16	Ø14X16
Parts No	AFT-I0039	AFT-I0040	AFT-I0041	AFT-I0042	AFT-I0043	AFT-I0044	AFT-I0045	AFT-I0046	AFT-I0047
N^oH	M8X4	M8X8	M8X8	M10X8	M10X12	M10X12	M12X12	M12X16	M12X16
Parts No	AFT-I0048	AFT-I0049	AFT-I0050	AFT-I0051	AFT-I0052	AFT-I0053	AFT-I0054	AFT-I0055	AFT-I0056

ISO-F Rotable Bolt Ring



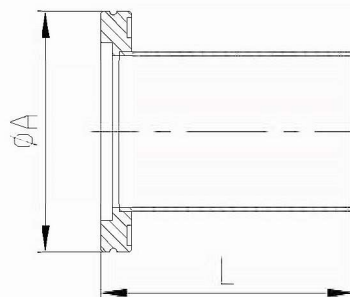
Model No	ISO63	ISO80	ISO100	ISO125	ISO160	ISO200	ISO250	ISO320	ISO400	ISO500
A	95	110	130	155	180	240	290	370	450	550
B	70	83	102	127	153	213	261	318	400	501
C	63.7	76.4	101.8	128	152.9	203.7	254.5	305.3	406.9	508.5
T	12	12	12	12	12	12	12	17	17	17
h	4.75	4.75	4.75	4.75	4.75	4.75	4.75	6	6	6
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-I0001	AFT-I0002	AFT-I0003	AFT-I0004	AFT-I0005	AFT-I0006	AFT-I0007	AFT-I0008	AFT-I0009	AFT-I0010

ISO-K Reducing Flanges



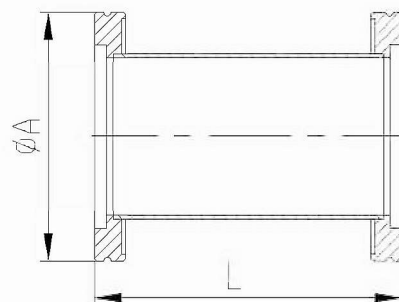
Model No	ISO63	ISO125	ISO160	ISO320	ISO400
A	180	180	240	240	290
B	130	165	165	225	225
C	70	102	102	153	153
P.C.D	110	145	145	200	200
H	M8	M8	M8	M10	M10
T	22	25	20	25	22
T1	12	12	12	12	12
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-I0066	AFT-I0067	AFT-I0068	AFT-I0069	AFT-I0070

ISO-K Half Nipple



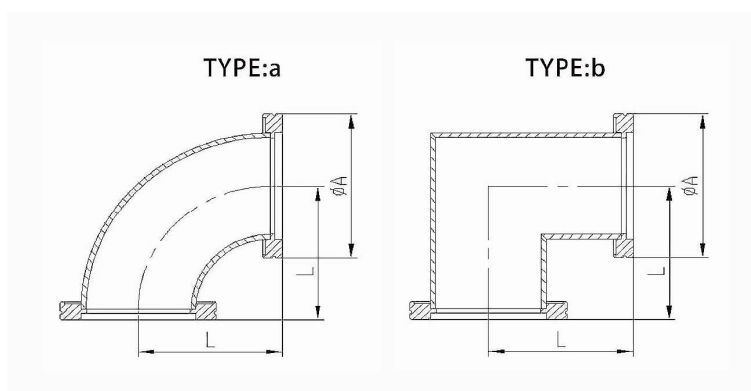
Model No	ISO63	ISO80	ISO100	ISO125	ISO160	ISO200	ISO250
A	95	110	130	155	180	240	290
L	100	100	100	100	100	100	100
Tube size	63.5 X1.65	76.2 X1.65	101.6 X2.10	127.4 X2.4	152.4 X2.80	203.2 X2.80	256.0 X3.40
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-I0071	AFT-I0072	AFT-I0073	AFT-I0074	AFT-I0075	AFT-I0076	AFT-I0077

ISO-K Full Nipple



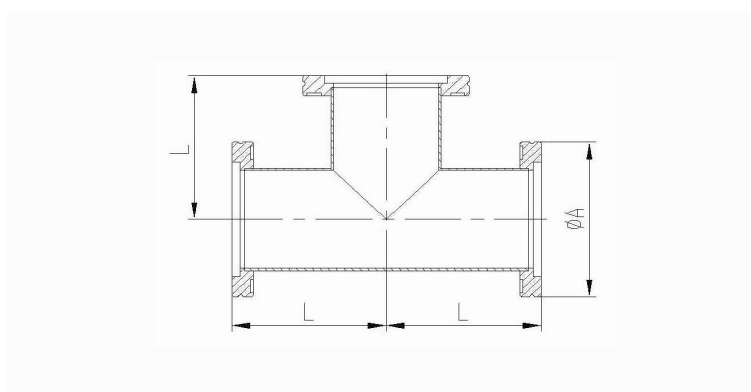
Model No	ISO63	ISO80	ISO100	ISO125	ISO160	ISO200	ISO250
A	95	110	130	155	180	240	290
L	176	216	216	216	276	356	416
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-I0078	AFT-I0079	AFT-I0080	AFT-I0081	AFT-I0082	AFT-I0083	AFT-I0084

ISO-K 90° Elbows



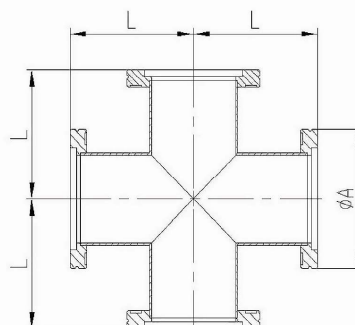
Model No	ISO63	ISO80	ISO100	ISO125	ISO160	ISO200	ISO250
A	95	110	130	155	180	240	290
L	95.2	114.3	152.4	-	156	311	381
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-I0085	AFT-I0086	AFT-I0087	AFT-I0088	AFT-I0089	AFT-I0090	AFT-I0091

ISO-K Tees



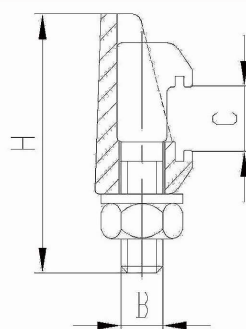
Model No	ISO63	ISO80	ISO100	ISO125	ISO160	ISO200	ISO250
A	95	110	130	155	180	240	290
L	88	108	108	108	138	317.8	206
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-I0092	AFT-I0093	AFT-I0094	AFT-I0095	AFT-I0096	AFT-I0097	AFT-I0098

ISO-K Croses



Model No	ISO63	ISO80	ISO100	ISO125	ISO160	ISO200	ISO250
A	95	110	130	155	180	240	290
L	88	108	108	108	138	178	208
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-I0099	AFT-I0100	AFT-I0101	AFT-I0102	AFT-I0103	AFT-I0104	AFT-I0105

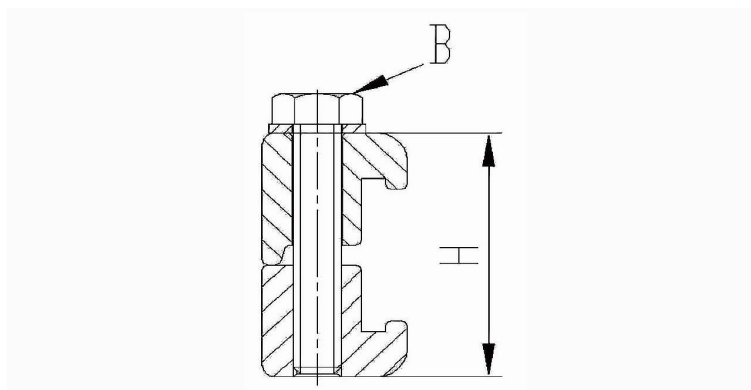
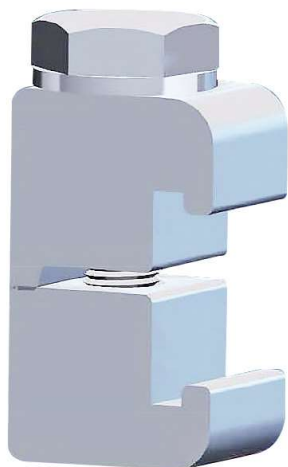
ISO-K Double Claw Clamp



Model No	ISO63-250	ISO320-500	ISO630-MAX
H	65.4	84	86.5
B	M10	M12	M12
C	17-27	27-40	36-52
Material	304 S.S	304 S.S	304 S.S

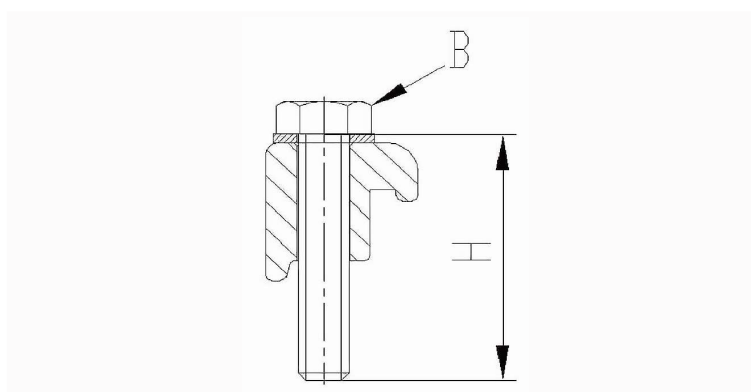
Model No	ISO63-250	ISO320-500	ISO630-MAX
Parts No	SI0099	SI0100	SI0101
Material	316L	316L	316L
Parts No	AFT-I0106	AFT-I0107	AFT-I0108
Material	20#	20#	20#
Parts No	AFT-I0109	AFT-I0110	AFT-I0111

ISO-K Double Claw Clamp



Model No	ISO63-100	ISO160-250	ISO320-500
H	45	45	55
B	M8	M10	M12
Material	Aluminum	Aluminum	Aluminum
Parts No	AFT-I0112	AFT-I0113	AFT-I0114

ISO Single Claw Clamp



Model No	ISO63-100	ISO160-250	ISO320-500
H	35	35	50
B	M8	M10	M12
Material	Aluminum	Aluminum	Aluminum
Parts No	AFT-I0115	AFT-I0116	AFT-I0117

FEATURES

- ⚙ Viton O' ring bakeable to 200C°(intermittently, sustained use to 150°.
- ⚙ Vacuum seal of KF-series : O'ring compression by uniform pressure application around the 15° outer flange surface.
- ⚙ The vacuum seal of ISO-series is made by compressing the O'ring between the mating flanges. This done by alternately wrench tightening opposing pairs of clamps or bolts until the first metal-to-metal contact is made between the inner surfaces of the flanges and the spacing lips of the centering ring.
- ⚙ Centering ring in a sealed system with O'Ring, outer ring with the use of play a supporting role, so as to achieve a better seal.

Specifications	Centering ring	304ss (other material available upon request)
	O-ring	viton (other material available upon request)
	Outer ring	Aluminum .
	Mesh	304ss
	Temperature range	180° (viton) 80° (NBR)

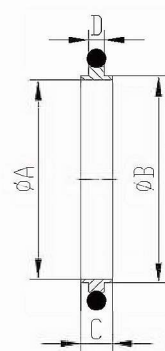
Larger or special size available upon request Applications

- The o-ring is considered a universal sealing device. Used as static, dynamic, radial or face seals .
- Vacuum seal.

Description

- Viton o-ring are normally used in vacuum service in place of nbr and silicone rubber.
- Viton has a low porosity to most gases (except helium) and with stands high temperature (up to 200) for short period.; NBR o-ring are low cost ,but their maximum operating temperature (approx100)makes them unacceptable for many vacuum applications . Silicone o-ring can withstand temperatures of 250 for short periods, BUT silicone tends to harden to prolonged high temperature service, sticking to the metal surfaces and making the o-ring difficult to replaced ;silicone is also very porous to helium.

Centering O-Ring

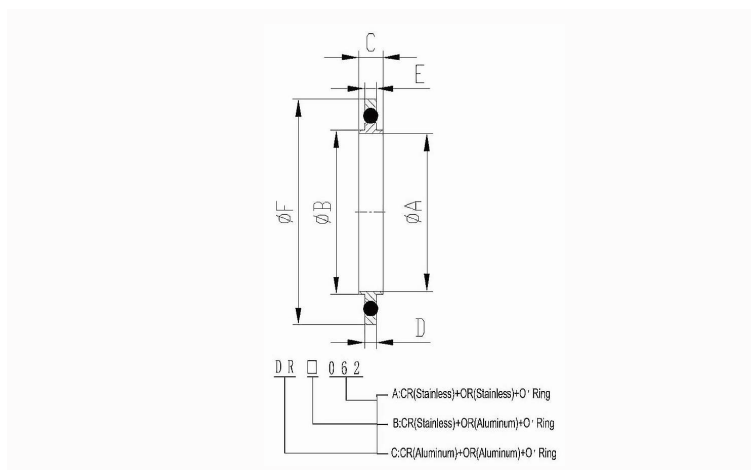


Model No	NW10-CV	NW16-CV	NW25-CV	NW40-CV	NW50-CV
A	10	16	24.7	39.2	49
B	12	17	26	41	51.8
C	8	8	8	8	8
D	3.9	3.9	3.9	3.9	3.9
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-R0001	AFT-R0002	AFT-R0003	AFT-R0004	AFT-R0005
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Parts No	AFT-R0006	AFT-R0007	AFT-R0008	AFT-R0009	AFT-R0010

Model No	NW63-CV	NW80-CV	NW80-CSV	NW100-CV	NW100-CSV	NW125-CV	NW160-CV	NW160-CSV
A	67	80	80	100	99	124	150	151
B	70	82.8	82.4	101.8	101.8	126	152.6	153
C	8	8	8	8	8	8	8	8
D	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-R0011	AFT-R0012	AFT-R0012S	AFT-R0013	AFT-R0013S	AFT-R0014	AFT-R0015	AFT-R0015S
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Parts No	AFT-R0016	AFT-R0017	AFT-R0017S	AFT-R0018	AFT-R0018S	AFT-R0019	AFT-R0020	AFT-R0020S

Model No	NW200-CV	NW250-CV	NW320-CV	NW400-CV	NW500-CV
A	209	256	313	394	493
B	212	260	318	399	501
C	8	8	14	14	14
D	3.9	3.9	5.6	5.6	5.6
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-R0021	AFT-R0022	AFT-R0023	AFT-R0024	AFT-R0025
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Parts No	AFT-R0026	AFT-R0027	AFT-R0028	AFT-R0029	AFT-R0030

Centering Outer O-Ring

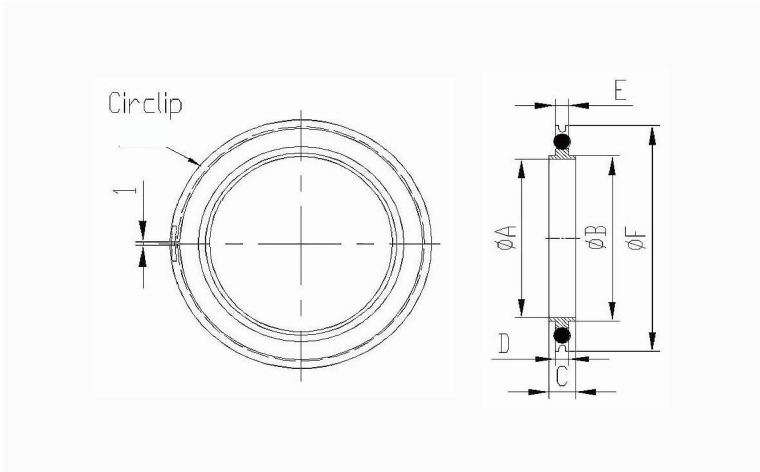


Model No	NW10-CV0	NW16-CV0	NW25-CV0	NW40-CV0	NW50-CV0
A	10	16	24.7	39.2	49
B	12	17	26	41	51.8
C	8	8	8	8	8
D	3.9	3.9	3.9	3.9	3.9
E	4	4	4	4	4
F	32	32	40	55	75
Parts No	AFT-R0031	AFT-R0032	AFT-R0033	AFT-R0034	AFT-R0035

Model No	NW63-CV0	NW80-CV0	NW100-CV0	NW125-CV0	NW160-CV0	NW200-CV0
A	67	80	100	124	151	211
B	70	82.8	101.8	126	153	213
C	8	8	8	8	8	8
D	3.9	3.9	3.9	3.9	3.9	3.9
E	4	4	4	4	4	4
F	94	106	128	157	180	240
Parts No	SR0036	SR0037	SR0038	SR0039	SR0040	SR0041

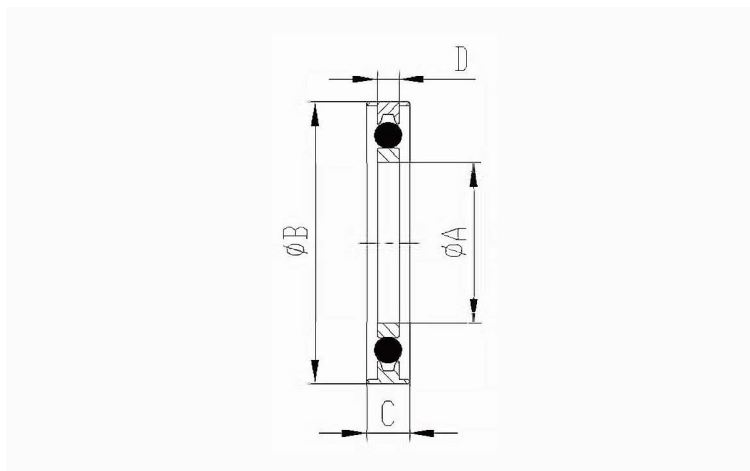
Model No	NW250-CV0	NW320-CV0	NW400-CV0	NW500-CV0
A	256	313	394	493
B	261	318	399	501
C	8	14	14	14
D	3.9	5.6	5.6	5.6
E	4	5.6	5.6	5.6
F	290	356	440	540
Parts No	AFT-R0042	AFT-R0043	AFT-R0044	AFT-R0045

Centering Outer ring (Circlip) O-Ring



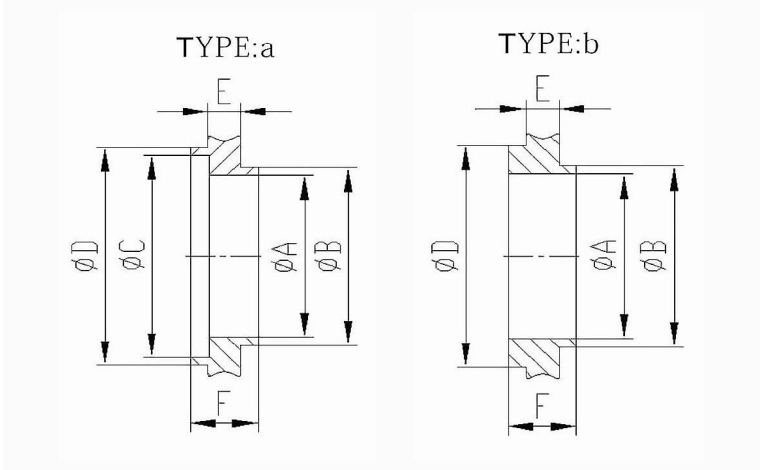
Model No		NW63	NW80	NW100	NW160	NW200	NW250	NW320	NW400	NW500
A		67	80	99	150	210	257.5	312	394	494
B		69.6	82.6	101.6	152.6	212.6	260.4	317.3	400	501
C		8	8	8	8	8	8	14	14	14
D		3.9	3.9	3.9	3.9	3.9	3.9	5.6	5.6	5.6
E		3.9	3.9	3.9	3.9	3.9	3.9	5.6	5.6	5.6
F		94	109	128	179	238	287	344	446	535
Material	CR	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
	OR	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Parts No		AFT-R0046	AFT-R0047	AFT-R0048	AFT-R0049	AFT-R0050	AFT-R0051	AFT-R0052	AFT-R0053	AFT-R0054
Material	CR	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
	OR	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Parts No		AFT-R0055	AFT-R0056	AFT-R0057	AFT-R0058	AFT-R0059	AFT-R0060	AFT-R0061	AFT-R0062	AFT-R0063

Centering Outer ring O-Ring



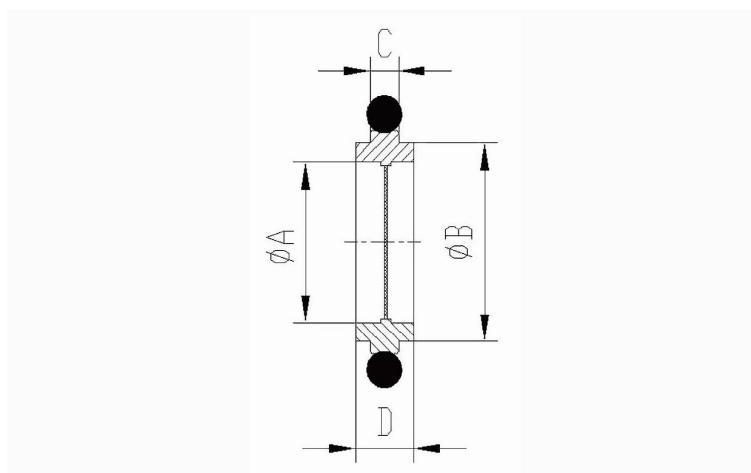
Model No		NW16-OZ	NW25-OZ	NW40-OZ	NW50-OZ
A		16	25	40	50
B		32	41.8	56.5	76.6
C		8	8	8	8
D		4	4	4	4
Material	CR	304 S.S	304 S.S	304 S.S	304 S.S
	OR	304 S.S	304 S.S	304 S.S	304 S.S
Parts No		AFT-R0064	AFT-R0065	AFT-R0066	AFT-R0067
Material	CR	304 S.S	304 S.S	304 S.S	304 S.S
	OR	Aluminum	Aluminum	Aluminum	Aluminum
Parts No		AFT-R0068	AFT-R0069	AFT-R0070	AFT-R0071

Centering Adapter O-Ring



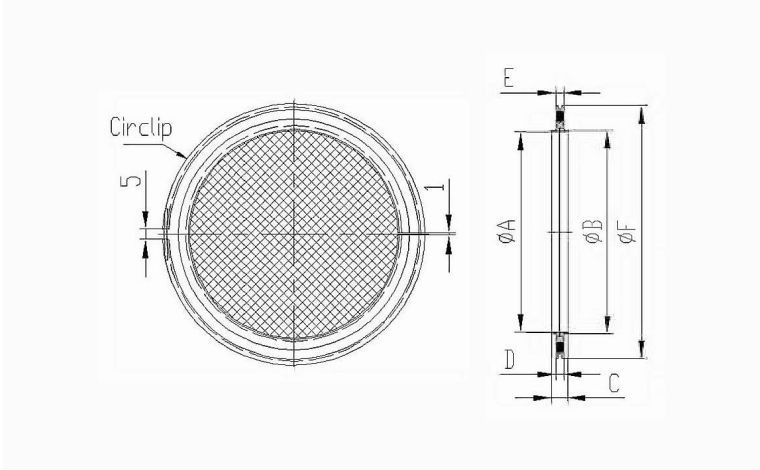
Model No	NW10/16		NW20/25		NW32/40	
TYPE	a	b	a	b	a	b
A	10	10	20	20	32	32
B	12	12	22	22	34	34
C	16	--	25	--	40	--
D	17	17	26	26	41	41
E	3.9	3.9	3.9	3.9	3.9	3.9
F	8	8	8	8	8	8
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-R0072	AFT-R0073	AFT-R0074	AFT-R00075	AFT-R0076	AFT-R0077
Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Parts No	AFT-R0078	AFT-R0079	AFT-R0080	AFT-R0081	AFT-R0082	AFT-R0083

MESH Centering



Model No	NW16	NW25	NW40	NW50
A	13	21	36.5	48
B	17	26	41	52
C	3.9	3,9	3.9	3.9
D	8	8	8	8
Material	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-R0084	AFT-R0085	AFT-R0086	AFT-R0087

MESH CENTERING Outer ring(Circlip)



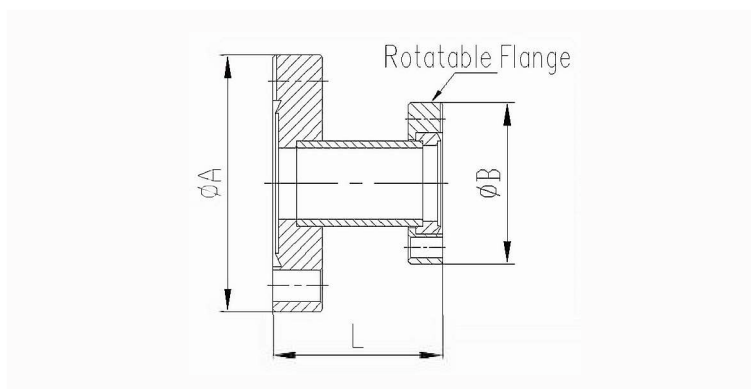
Model No	NW63	NW80	NW100	NW160
A	67	80	99	150
B	69.6	82.6	101.6	152.6
C	8	8	8	8
D	3.9	3.9	3.9	3.9
E	3.9	3.9	3.9	3.9
F	94	109	128	179
Material	Aluminum	Aluminum	Aluminum	Aluminum
Parts No	AFT-R0088	AFT-R0089	AFT-R0090	AFT-R0091

ADAPTOR



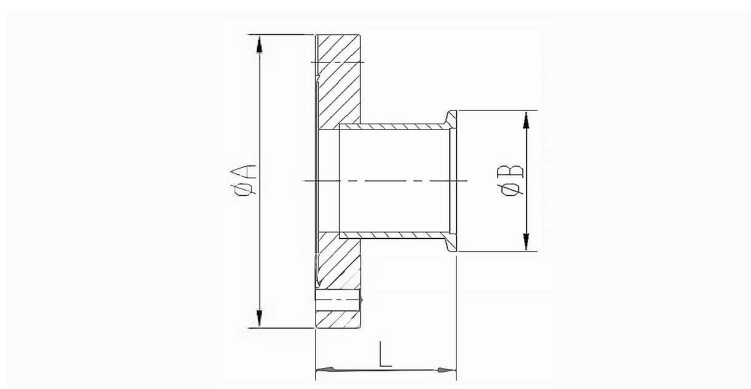
По вопросам приобретения просьба обращаться на эл.почту KOV@ELTM.RU

CF Reducing Adaptor



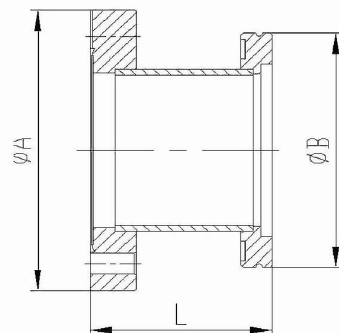
Model No	CF35/16 (2.75"-1.33")	CF63/16 (4.5"-1.33")	CF63/35 (4.5"-2.75")	CF100/35 (6"-2.75")	CF100/63 (6"-4.5")	CF150/35 (8"-2.75")	CF150/63 (8"-4.5")	CF150/100 (8"-6")
A	70	114	114	152	152	202	202	202
B	34	34	70	70	114	70	114	152
L	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0001	AFT-A0002	AFT-A0003	AFT-A0004	AFT-A0005	AFT-A0006	AFT-A0007	AFT-A0008

CF-NW Reducing Adaptor



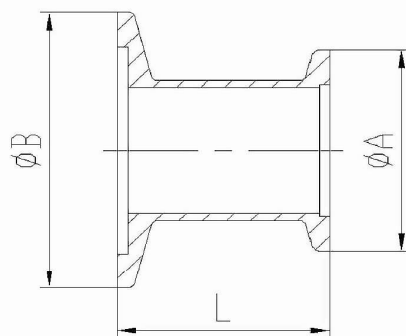
Model No	CF16/NW10	CF16/NW16	CF35/NW10	CF35/NW16	CF35/NW25	CF35/NW40	CF63/NW50
A	34	34	70	70	70	70	114
B	30	30	30	30	40	55	75
L	43	43	45.3	45.3	45.3	45.3	49.5
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0009	AFT-A0010	AFT-A0011	AFT-A00112	AFT-A0013	AFT-A0014	AFT-A0015

CF-ISO Reducing Adaptor



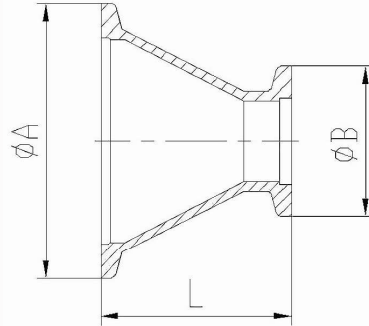
Model No	CF63/ISO63	CF100/ISO63	CF100/ISO100	CF100/ISO160	CF150/ISO63	CF150/ISO100	CF150/ISO160
A	114	152	152	152	202	202	202
B	95	95	130	180	95	130	180
L	90	90	90	90	90	90	90
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0016	AFT-A0017	AFT-A0018	AFT-A0019	AFT-A0020	AFT-A0021	AFT-A0022

NW-NW Reducing Adaptor



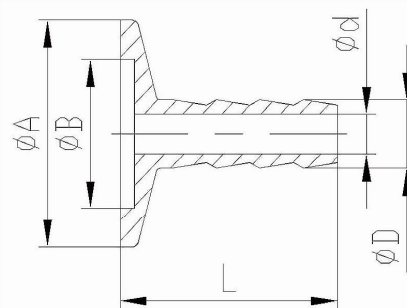
Model No	NW16/NW25	NW16/NW40	NW25/NW40	NW16/NW50	NW25/NW50	NW40/NW50
A	30	30	40	30	40	55
B	40	55	55	75	75	75
L	40	40	40	40	40	40
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0023	AFT-A0024	AFT-A0025	AFT-A0026	AFT-A0027	AFT-A0028

NW-NW Conical Reducing Adaptor



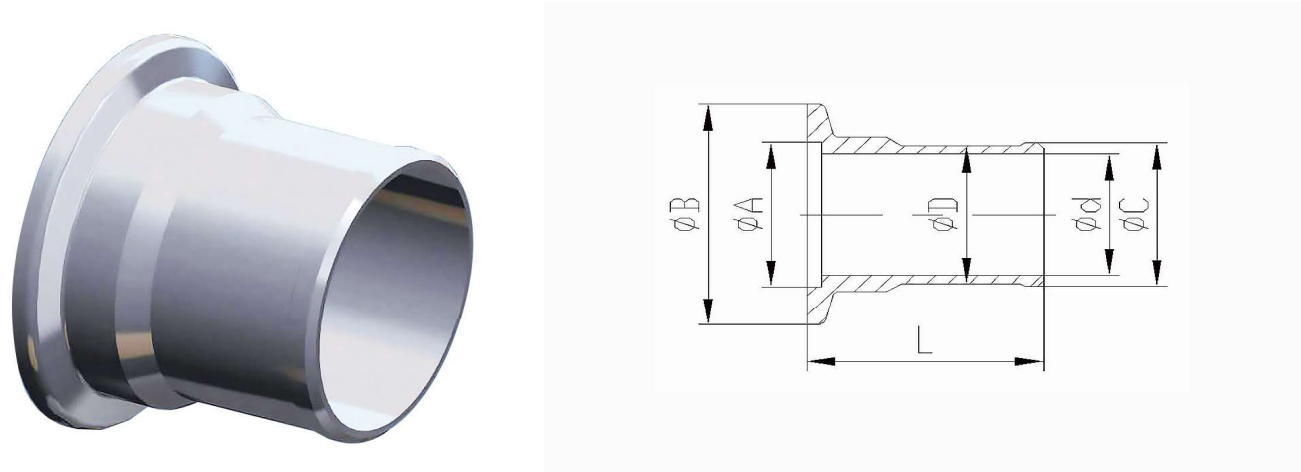
Model No	NW25/NW16	NW40/NW16	NW40/NW25	NW50/NW16	NW50/NW25	NW50/NW40
A	40	55	55	75	75	75
B	30	30	40	30	40	55
L	40	40	470	40	40	40
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0029	AFT-A0030	AFT-A0031	AFT-A0032	AFT-A0033	AFT-A0034

Hose Nozzles



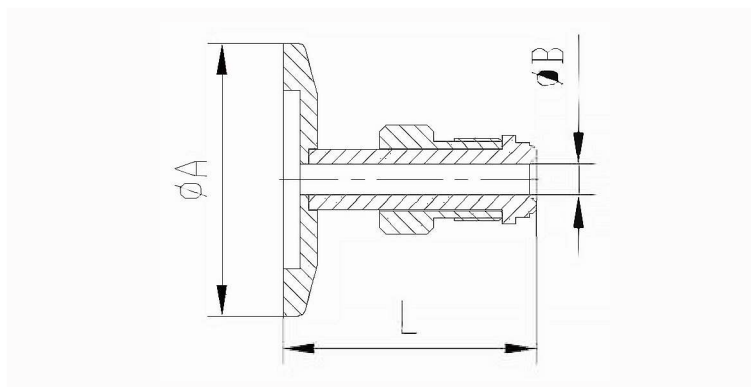
Model No	NW 10-8	NW 10-10	NW 16-12	NW 25-12	NW 25-16	NW 25-20	NW 40-12	NW 40-16	NW 40-20	NW 40-25	NW 50-25
A	30	30	30	40	40	40	55	55	55	55	75
B	12.2	12.2	17.2	26.2	26.2	26.2	41.2	41.2	41.2	41.2	52.2
D	8	12	12	12	16	20	12	16	20	25	25
d	4	8	8	8	13	16	8	12	16	20	20
L	40	40	40	40	40	40	40	40	40	40	40
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0035	AFT-A0036	AFT-A0037	AFT-A0038	AFT-A0039	AFT-A0040	AFT-A0041	AFT-A0042	AFT-A0043	AFT-A0044	AFT-A0045

Hose Nozzles



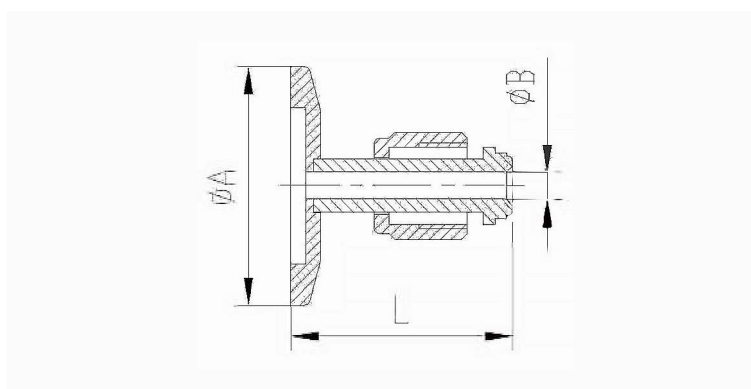
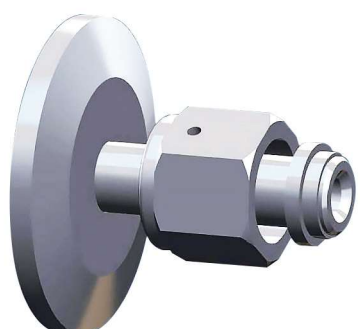
Model No	NW16	NW25	NW40
A	30	40	55
B	17.2	26.2	41.2
C	17	26	41
D	16	25	40
d	13	22	37
L	40	40	40
Material	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0046	AFT-A0047	AFT-A0048

NW-VCR Male Adaptor



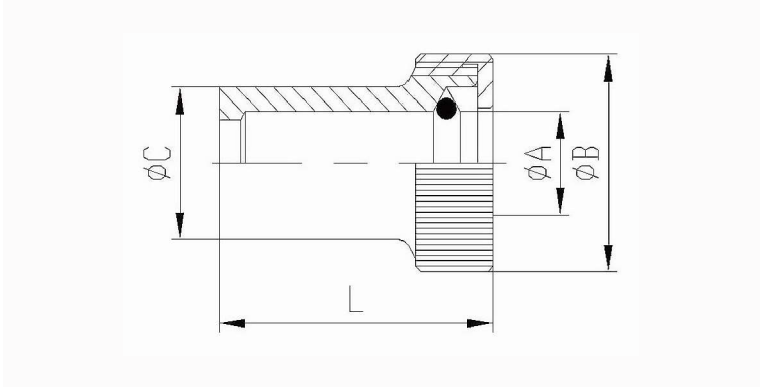
Model No	NW16-MVCR6	NW16-MVCR13	NW25-MVCR6	NW25-MVCR13	NW40-MVCR6	NW40-MVCR13	NW50-MVCR6	NW50-MVCR13
A	30	30	40	40	55	55	75	75
B	4.4	10.4	4.4	10.4	4.4	10.4	4.4	10.4
L	37	41.9	37	41.9	37	41.9	37	41.9
MVCR	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0049	AFT-A0050	AFT-A0051	AFT-A0052	AFT-A0053	AFT-A0054	AFT-A0055	AFT-A0056

NW-VCR Female Adaptor



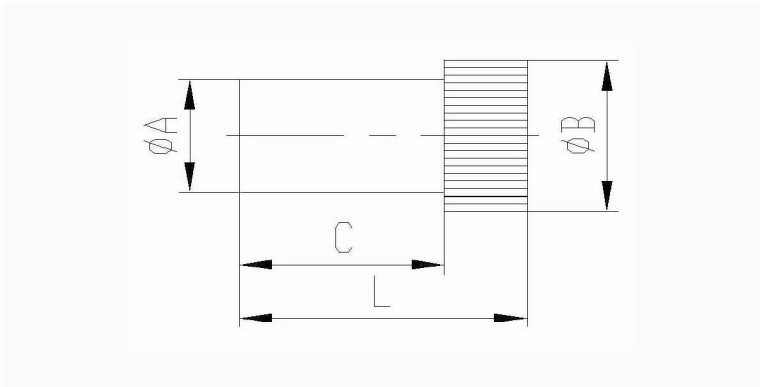
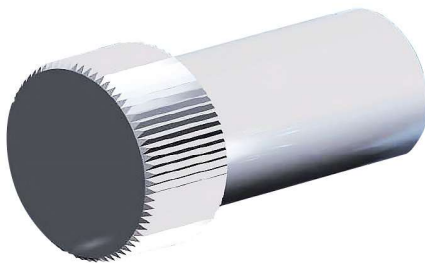
Model No	NW16-MVCR6	NW16-MVCR13	NW25-MVCR6	NW25-MVCR13	NW40-MVCR6	NW40-MVCR13	NW50-MVCR6	NW50-MVCR13
A	30	30	40	40	55	55	75	75
B	4.4	10.4	4.4	10.4	4.4	10.4	4.4	10.4
L	37	41.9	37	41.9	37	41.9	37	41.9
FVCR	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"	1/4"	1/2"
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts	AFT-A0057	AFT-A0058	AFT-A0059	AFT-A0060	AFT-A0061	AFT-A0062	AFT-A0063	AFT-A0064

Gage Port



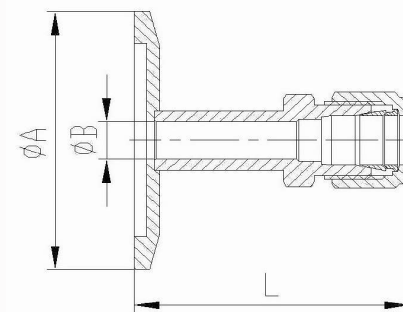
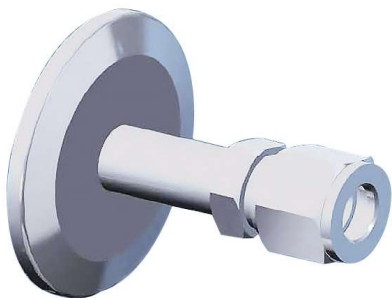
Model No	GP15	GP18
A	16	19
B	40	40
C	25	28
L	55	55
Material	304 S.S	304 S.S
Parts No	AFT-A0067	AFT-A0068

Gage Port Plug

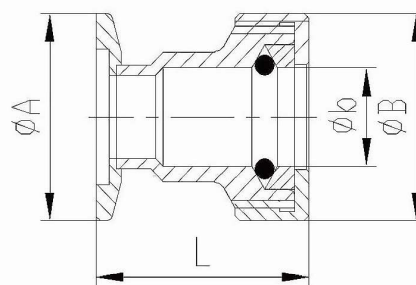


Model No	GP15-P	GP18-P
A	15	18
B	20	22
C	35	35
L	45	45
Material	304 S.S	304 S.S
Parts No	AFT-A0065	AFT-A0066

NW Unionlok Adptor

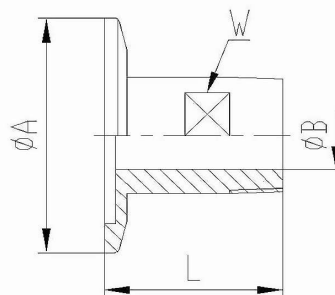
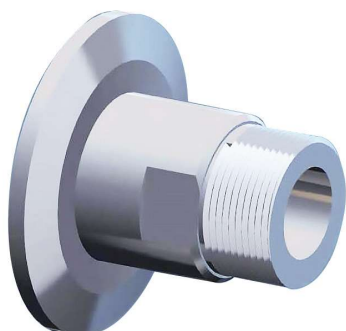


NW Gage Port



Model No	NW16-PG15	NW16-PG18	NW25-PG15	NW25-PG18	NW40-PG15	NW40-PG18	NW50-PG15	NW50-PG18
A	30	30	40	40	55	55	75	75
B	38	40	38	40	38	40	38	40
C	16	19	16	19	16	19	16	19
L	43	58	43	58	43	58	43	58
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	SA0069	AFT-A0070	AFT-A0071	AFT-A0072	AFT-A0073	AFT-A0074	AFT-A0075	AFT-A0076

NW Male Pipe Adaptor



Thread Type: PT

Model No	NW16-1/8	NW16-1/4	NW25-1/8	NW25-1/4	NW25-1/2	NW25-3/4	NW40-1/4
A	30	30	40	40	40	40	55
B	4.7	7.1	4.7	7.1	11.9	15.9	7.1
L	35	35	35	35	40	40	35
W	10	14	10	14	22	27	14
Tread	PT1/8"	PT1/4"	PT1/8"	PT1/4"	PT1/2"	PT3/4"	PT1/4"
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0077	AFT-A0078	AFT-A0079	AFT-A0080	AFT-A0081	AFT-A0082	AFT-A0083
Model No	NW40-1/2	NW40-3/4	NW40-1	NW50-1/4	NW50-1/2	NW50-3/4	NW50-1

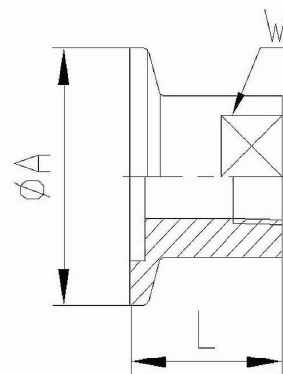
Model No	NW40-1/2	NW40-3/4	NW40-1	NW50-1/4	NW50-1/2	NW50-3/4	NW50-1
A	55	55	55	75	75	75	75
B	11.9	15.9	22.2	7.1	11.9	15.9	22.2
L	40	40	45	35	40	40	45
W	22	27	36	14	22	27	36
Tread	PT1/2"	PT3/4"	PT1"	PT1/4"	PT1/2"	PT3/4"	PT1"
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	SA0084	SA0085	SA0086	SA0087	SA0088	SA0089	SA0090

Thread Type: NPT

Model No	NW16-1/8	NW16-1/4	NW25-1/8	NW25-1/4	NW25-1/2	NW25-3/4	NW40-1/4
A	30	30	40	40	40	40	55
B	4.7	7.1	4.7	7.1	11.9	15.9	7.1
L	35	35	35	35	40	40	35
W	10	14	10	14	22	27	14
Tread	PT1/8"	PT1/4"	PT1/8"	PT1/4"	PT1/2"	PT3/4"	PT1/4"
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0091	AFT-A0092	AFT-A0093	AFT-A0094	AFT-A0095	AFT-A0096	AFT-A0097

Model No	NW40-1/2	NW40-3/4	NW40-1	NW50-1/4	NW50-1/2	NW50-3/4	NW50-1
A	55	55	55	75	75	75	75
B	11.9	15.9	22.2	7.1	11.9	15.9	22.2
L	40	40	45	35	40	40	45
W	22	27	36	14	22	27	36
Tread	PT1/2"	PT3/4"	PT1"	PT1/4"	PT1/2"	PT3/4"	PT1"
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0098	AFT-A0099	AFT-A0100	AFT-A0101	AFT-A0102	AFT-A0103	AFT-A0104

NW Female Pipe Adaptor



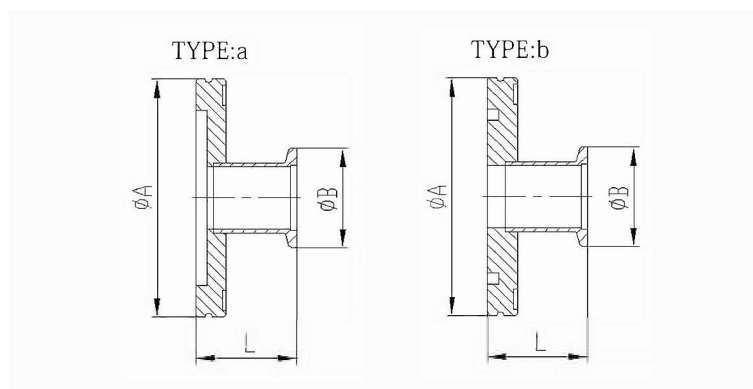
Thread Type: PT

Model No	NW16-F1/8	NW16-F1/4	NW25-F1/8	NW25-F1/4	NW40-F1/8	NW40-F1/4	NW50-F1/8	NW50-F1/4
A	30	30	40	40	55	55	75	75
L	25	25	25	25	25	25	25	25
W	17	17	19	19	32	32	46	46
Tread	PT1/8"	PT1/4"	PT1/8"	PT1/4"	PT1/8"	PT1/4"	PT1/8"	PT1/4"
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0105	AFT-A0106	AFT-A0107	AFT-A0108	AFT-A0109	AFT-A0110	AFT-A0111	AFT-A0112

Thread Type: NPT

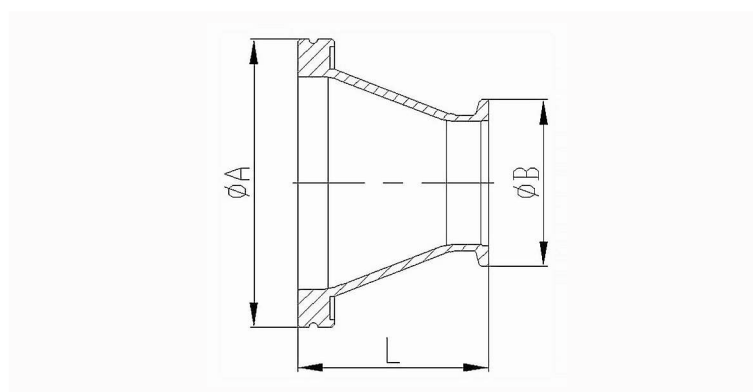
Model No	NW16-F1/8	NW16-F1/4	NW25-F1/8	NW25-F1/4	NW40-F1/8	NW40-F1/4	NW50-F1/8	NW50-F1/4
A	30	30	40	40	55	55	75	75
L	25	25	25	25	25	25	25	25
W	17	17	19	19	32	32	46	46
Tread	NPT1/8"	NPT1/4"	NPT1/8"	NPT1/4"	NPT1/8"	NPT1/4"	NPT1/8"	NPT1/4"
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0113	AFT-A0114	AFT-A0115	AFT-A0116	AFT-A0117	AFT-A0118	AFT-A0119	AFT-A0120

ISO-NW Female Pipe Adaptor



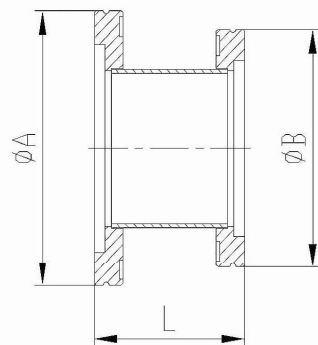
Model No	ISO80-NW40	ISO100-NW40	ISO80-NW50	ISO100-NW50
A	110	130	110	130
B	55	55	75	75
L	46.3	46.3	46.3	46.3
Material	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0121	AFT-A0122	AFT-A0123	AFT-A0124

ISO-NW Tubulated Adaptor



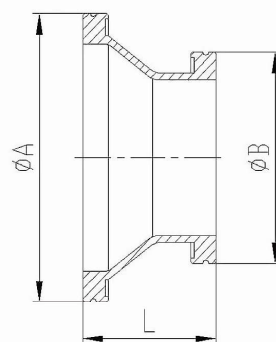
Model No	ISO63-MW25	ISO63-MW40	ISO63-MW50	ISO80-MW40	ISO80-MW50	ISO100-MW40	ISO100-MW50
A	95	95	95	110	110	130	130
B	40	55	75	55	75	55	75
L	63	63	63	63	63	63	63
Material	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0125	AFT-A0126	AFT-A0127	AFT-A0128	AFT-A0129	AFT-A0130	AFT-A0131

ISO-ISO Reducing Adaptor-small Flange



Model No	ISO80-ISO63	ISO100-ISO63	ISO100-ISO80	ISO160-ISO63
A	110	130	130	180
B	95	95	110	95
L	63	63	63	63
Material	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0132	AFT-A0133	AFT-A0134	AFT-A0135

ISO-ISO Conical Reducing Adaptor



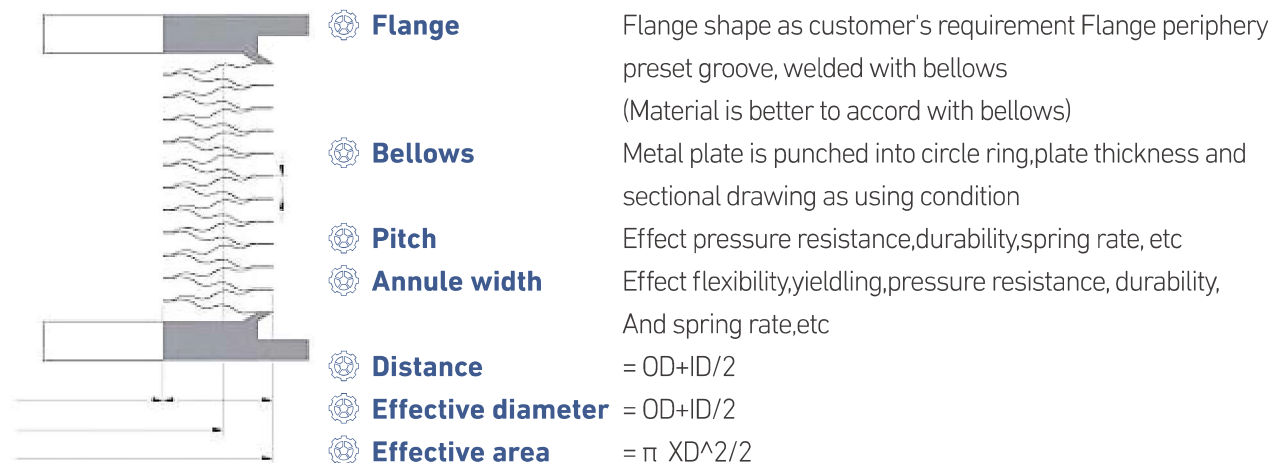
Model No	ISO80-ISO63	ISO100-ISO63	ISO100-ISO80	ISO160-ISO63
A	110	130	130	180
B	95	95	110	95
L	63	63	63	63
Material	304 S.S	304 S.S	304 S.S	304 S.S
Parts No	AFT-A0136	AFT-A0137	AFT-A0138	AFT-A0139

Bellow



По вопросам приобретения просьба обращаться на эл.почту KOV@ELTM.RU

Welded Bellows Structure and Scope

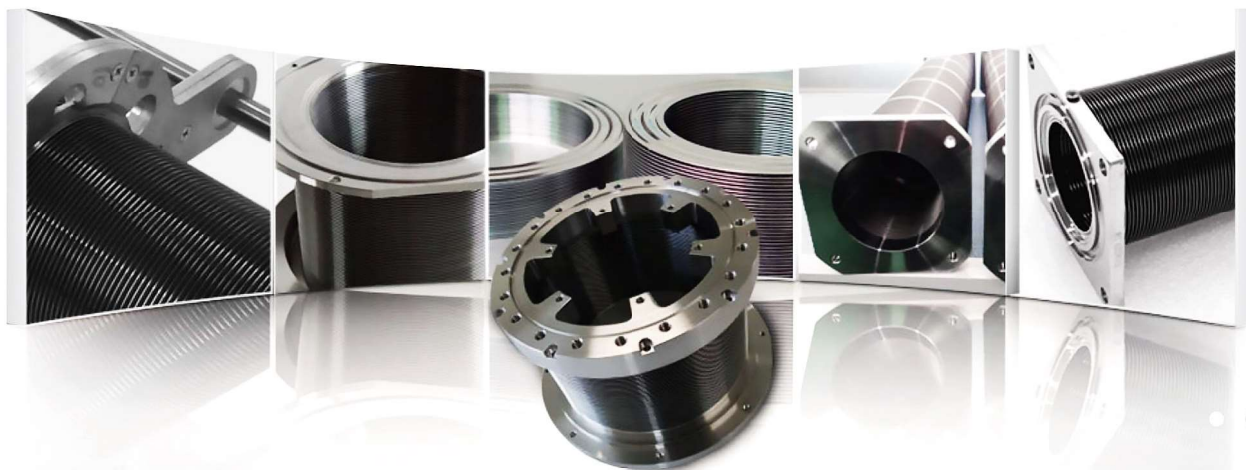


Welding	Electronic beam (EBW) Reach up to 150kilovolt Gas tungsten-arc GTAW Laser MBPA (PAW MBPA) Orbit gas tungsten-arc
Testing range	Life cycle(with pressure and temperature as the indicator) L oad Mass spectrometer test (MST) Average effective area Metallurgy Pressure (rupture, pulse)
Characteristics	Sealing and leak-proof,with a leakage per second of 1×10^{-10} standardcm ³ Helium The longest product life cycle (the standard 1000000+) Tolerant of extreme temperature LOW gas relief Corrosion resistance
Design and manufacture	(Bellows design procedure) (Computer aided design) (finite element analysis) Entity modeling Extensible 100,1000 and 100000 grade cleaning room

- We use automatic welding machines to ensure the superior quality and high productivity
- By using the network production system,all processes are conducted in a highly cleaning room
- All the products have passed rigidity test,ife test,coordinate detection, leak detection, all-sided detection
- Ensure all the products with the high quality leakproofness, durability, high corrosion resistance, heat repellence

Spectrograph Hardness tester CMM Stiffness Tester Life Detector Helium Leak Detector

Welded Bellows Specification



Model	OD	ID
ST-10	10	5
ST-10.5	10.5	5
ST-12	12	5
ST-12.5	12.5	7
ST-13.5	13.5	6
ST-15	15	6.5
ST-16.2	16.2	8
ST-18	18	6.5
ST-18	18	9
ST-18	18	10.5
ST-20	20	10
ST-21	21	16
ST-21.5	21.5	11.5
ST-22	22	8
ST-24	24	10
ST-24	24	12
ST-25	25	16
ST-26	26	12.7
ST-26	26	13.8
ST-26	26	14
ST-28.3	28.3	14.1
ST-28	28	16
ST-30	30	17.2
ST-30	30	19
ST-30.1	30.1	16.6
ST-31.5	31.5	16.9
ST-31.8	31.8	19
ST-33	33	24
ST-34	34	21
ST-34.2	34.2	13.8
ST-35	35	12.7
ST-35	35	22
ST-36.4	36.4	17
ST-36.7	36.7	23

Model	OD	ID
ST-37	37	19
ST-37.5	37.5	26
ST-38.1	38.1	25.4
ST-39.4	39.4	19
ST-39.4	39.4	26.7
ST-39.4	40	27
ST-40	41.5	22
ST-41.5	42	22
ST-42	42.9	29.6
ST-42.9	43.8	30.15
ST-43.8	44.2	30
ST-44.2	44.2	28
ST-44.2	44.2	31
ST-44.4	44.4	19
ST-44.4	44.4	22.4
ST-44.5	44.5	19
ST-45	45	25
ST-45	45	27
ST-46	46	33
ST-48	48	31.8
ST-48.5	48.5	38.8
ST-49.4	49.2	39.3
ST-49.4	49.4	36.5
ST-49.4	49.4	37.6
ST-49.5	49.5	33
ST-50	50	35
ST-50.8	50.8	38.1
ST-51	51	31.4
ST-52	52	28
ST-52.4	52.4	39.6
ST-54	54	26
ST-54	54	41
ST-55	55	35
ST-55	55	38

Model	OD	ID
ST-55	55	42
ST-55.6	55.6	42.8
ST-57	57	30
ST-57.15	57.15	44.45
ST-58	58	39
ST-58.2	58.2	46
ST-58.72	58.72	46.02
ST-58.9	58.9	46.05
ST-59	59	39
ST-60	60	40
ST-60	60	47
ST-61	61	35
ST-61.9	61.9	49.1
ST-62	62	24
ST-63.35	63.36	46
ST-64.5	64.5	39
ST-65	65	43
ST-65	65	45
ST-66	66	53.5
ST-67	67	55
ST-68	68	50
ST-70	70	50
ST-71	71	55.5
ST-71.5	71.5	58.7
ST-74	74	46
ST-74.6	74.6	61.9
ST-75	75	55.8
ST-75	75	60
ST-76.2	76.2	50.8
ST-79	79	49
ST-80	80	58
ST-80	80	60
ST-80	80	67
ST-81	81	65

Welded Bellows Specification

Model	OD	ID	Model	OD	ID	Model	OD	ID
ST-84	84	68	ST-120	120	80	ST-55	55	42
ST-84	84	71.4	ST-120	120	95	ST-55.6	55.6	42.8
ST-85	85	63	ST-120.8	120.8	101.6	ST-57	57	30
ST-88	88	65	ST-123.78	123.78	104.8	ST-57.15	57.15	44.45
ST-88	88	75	ST-123.78	123.78	108	ST-58	58	39
ST-88.5	88.5	50.8	ST-125	125	95	ST-58.2	58.2	46
ST-88.7	88.7	38.7	ST-125	125	102	ST-58.72	58.72	46.02
ST-90	90	50	ST-125	125	108	ST-58.9	58.9	46.05
ST-90	90	55	ST-127	127	110.95	ST-59	59	39
ST-90	90	58	ST-128.96	128.96	104.9	ST-60	60	40
ST-90	90	65	ST-130	130	90	ST-60	60	47
ST-90	90	70	ST-130	130	110	ST-61	61	35
ST-92	92	76	ST-131.4	131.4	111.4	ST-61.9	61.9	49.1
ST-92	92	76.3	ST-132	132	102	ST-62	62	24
ST-92.02	92.02	73.08	ST-140	140	100	ST-63.35	63.36	46
ST-95	95	65	ST-140	140	110	ST-64.5	64.5	39
ST-95	95	73	ST-140	140	120	ST-65	65	43
ST-97	97	73	ST-145	145	105	ST-65	65	45
ST-98.43	98.43	81.74	ST-145	145	110	ST-66	66	53.5
ST-100	100	65	ST-145	145	115	ST-67	67	55
ST-100	100	80	ST-145	145	125	ST-68	68	50
ST-102	102	78.5	ST-147	147	131	ST-70	70	50
ST-105	105	75	ST-150	150	110	ST-71	71	55.5
ST-105	105	80	ST-150	150	120	ST-71.5	71.5	58.7
ST-106.7	106.7	90.7	ST-155	155	125	ST-74	74	46
ST-107.95	107.95	91.9	ST-160	160	120	ST-74.6	74.6	61.9
ST-107.9	107.9	96	ST-160	160	130	ST-75	75	55.8
ST-108	108	80	ST-160	160	140	ST-75	75	60
ST-108	108	96	ST-169	169	149	ST-76.2	76.2	50.8
ST-109	109	80	ST-170	170	140	ST-79	79	49
ST-111	111	95	ST-180	180	140	ST-80	80	58
ST-115	115	85	ST-180	180	150	ST-80	80	60
ST-115.8	115.8	89	ST-185	185	135	ST-80	80	67
ST-119	119	89	ST-185	185	150	ST-81	81	65

Formed Bellows



Bellow is one of the indispensable components of vacuum equipment and vacuum system, it is widely used in damping, installation and debugging. Instead of vacuum sealing, etc. At present, it has energy, photovoltaic, aerospace and high-tech industries.

Model	ID	OD	Thic kness	Temperature	Leakage rate	Expansion	Length
16A	15.7	24.8	0.15	-200C~800°C	<1.0X10 ⁻⁹ atm-cc/sec	30~40%	3M
20A	20.0	28.5	0.15				
25A	25.0	35.5	0.156				
32A	31.5	43.0	0.15				
40A	39.0	54.0	0.15				
50A	49.8	67.54	0.18				
65A	65.0	86.5	0.20				
80A	79.0	101.0	0.20				
100A	100.3	126.5	0.25				
125A	126.0	155.0	0.25				
150A	150.0	175.0	0.25				

We produce all kinds of 16A~150A diameter bellows and hydraulic molding technology. With excellent flexibility and good corrosion resistance, heat resistance, excellent elasticity. It is applied to convey the air, all kinds of industrial gas and steam, water, oil, medicine and other kinds of fluid, it plays an important role for the reciprocating movement of the piping, thermal expansion absorption, the vibration absorption and the center adjustment of the piping.

Model	ID	OD	Thic kness	Temperature	Leakage rate	Expansion	Length
10A	10.3	16.5	0.15	-200C~800°C	<1.0X10 ⁻⁹ atm-cc/sec	30~40%	3M
16A	15.7	24.8	0.15				
20A	20.0	28.5	0.15				
25A	25.0	35.5	0.156				
32A	31.5	43.0	0.15				
40A	39.0	54.0	0.15				
50A	49.8	67.54	0.18				
65A	65.0	86.5	0.20				
80A	79.0	101.0	0.20				
100A	100.3	126.5	0.25				
125A	126.0	155.0	0.25				
150A	150.0	175.0	0.25				



SUZHOU AFTINOX FLOW CONTROL TECHNOLOGY CO.,LTD

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