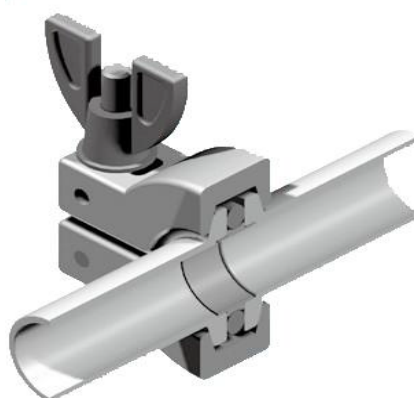


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KF FLANGE SERIES

General Information



Features

The typical KF or NW assembly consists of two identical flanges, a center-ring, and an aluminum clamp with a wingnut 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

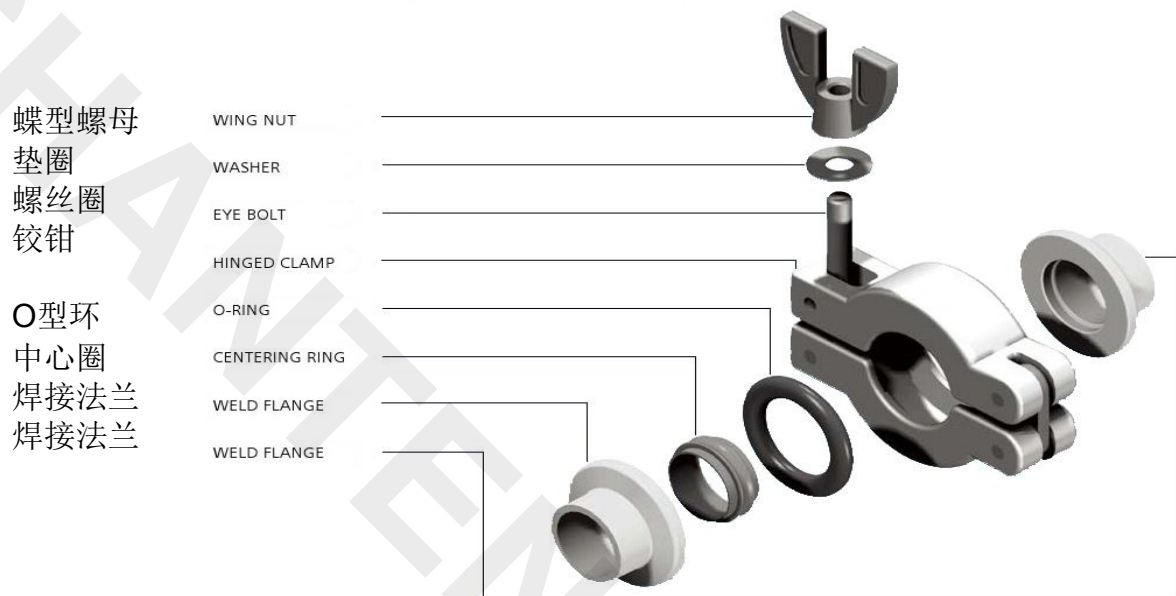
The mating flange surfaces compress an O'ring (held in place by metal centering ring) to generate a seal.

Specifications

Blanks	304 S.S.
Flanges	304 S.S.
Fittings	304 S.S.
Clamp	Aluminum
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

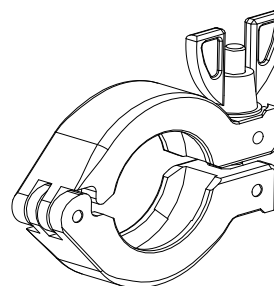
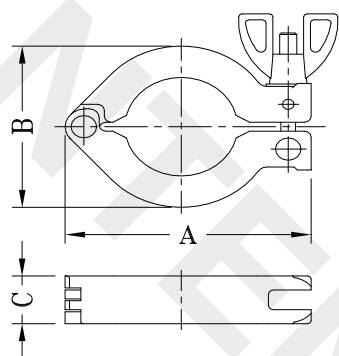
Complete Clamp Assemblies



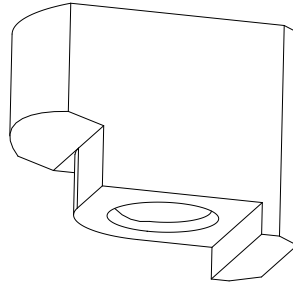
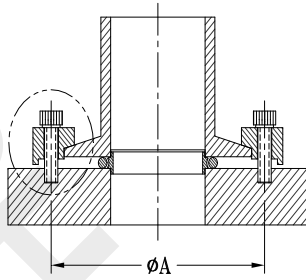
Hinged Clamp assemblies, detailed above, are the most commonly used method for making KF-Flange vacuum seal connections.

Assembly is simplified by the 360° rotatable flanges and self-centering feature of the centering ring.

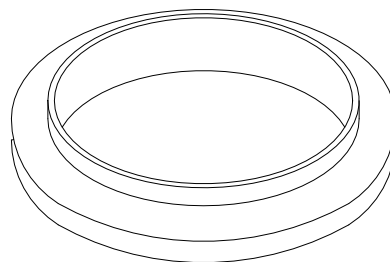
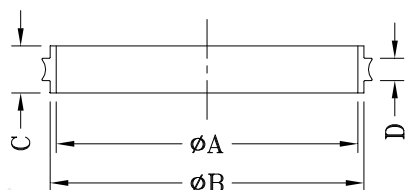
Pressure is applied uniformly around the 15° outer surface of both flanges by finger-tightening the single wingnut until the first metal-to-metal contact is made between the spacing lips of the centering ring and the inner surface of the mating flanges. This compresses the O'ring between the flanges and makes the vacuum seal.



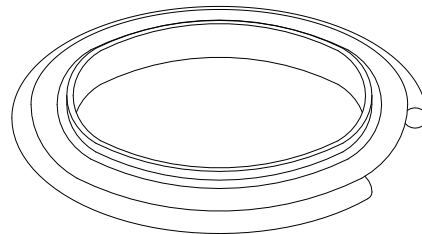
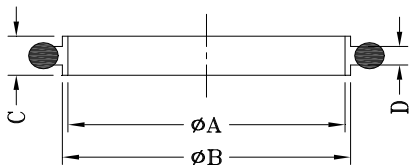
Clamp								
Size	Model No.	Material	A		B		C	
			in	mm	in	mm	in	mm
NW 10/16	KF16CLA	Aluminum	2.48	63	1.67	42.5	0.63	16
NW 25	KF25CLA	Aluminum	2.83	72	2.13	54.0	0.63	16
NW 40	KF40CLA	Aluminum	3.54	90	2.76	70.0	0.63	16
NW 50	KF50CLA	Aluminum	4.49	114	3.54	90.0	0.79	20
NW 10/16	KF16CLA-NP	Al - Ni Plate	2.48	63	1.67	42.5	0.63	16
NW 25	KF25CLA-NP	Al - Ni Plate	2.83	72	2.13	54.0	0.63	16
NW 40	KF40CLA-NP	Al - Ni Plate	3.54	90	2.76	70.0	0.63	16
NW 50	KF50CLA-NP	Al - Ni Plate	4.49	114	3.54	90.0	0.79	20



Nail Clamp						
Size	Model No.	Material	Bolt	Quantity	A in / mm	
NW10	KF-NCA	Aluminum	1/4 - 28 3/4 long	3	1.69	43
NW 16				3	1.69	43
NW 25				4	2.09	53
NW 40				4	2.68	68
NW 50				6	3.46	88

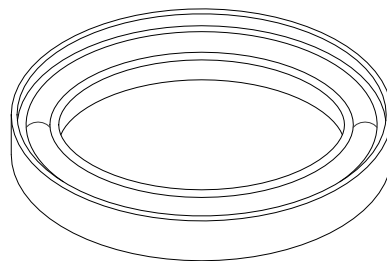
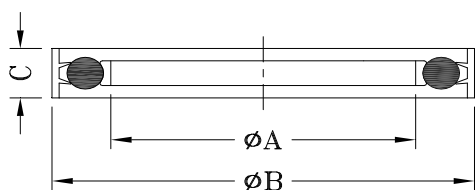


KF Centering Ring										
Size	Model No.	Material	A in / mm		B in / mm		C in / mm		D in / mm	
NW 10	KF10CRS	304 S.S.	0.39	10	0.47	12	0.31	8	0.15	3.9
NW 16	KF16CRS	304 S.S.	0.63	16	0.67	17	0.31	8	0.15	3.9
NW 25	KF25CRS	304 S.S.	0.98	25	1.02	26	0.31	8	0.15	3.9
NW 40	KF40CRS	304 S.S.	1.57	40	1.61	41	0.31	8	0.15	3.9
NW 50	KF50CRS	304 S.S.	1.97	50	2.05	52	0.31	8	0.15	3.9
NW 10	KF10CRA	Aluminum	0.39	10	0.47	12	0.31	8	0.15	3.9
NW 16	KF16CRA	Aluminum	0.63	16	0.67	17	0.31	8	0.15	3.9
NW 25	KF25CRA	Aluminum	0.98	25	1.02	26	0.31	8	0.15	3.9
NW 40	KF40CRA	Aluminum	1.57	40	1.61	41	0.31	8	0.15	3.9
NW 50	KF50CRA	Aluminum	1.97	50	2.05	52	0.31	8	0.15	3.9

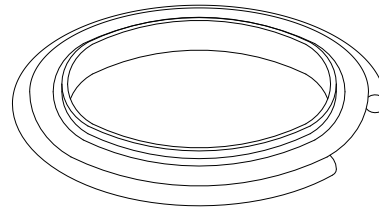
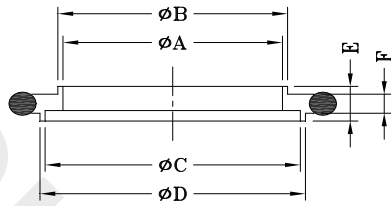


KF Centering Ring with O'Ring

Size	Model No.	C/R Material	O'Ring	O'Ring Size	A in / mm		B in / mm		C in / mm		D in / mm	
NW 10	KF10CRVS	304 S.S.	Viton	AS-311	0.39	10	0.47	12	0.31	8	0.15	3.9
NW 16	KF16CRVS	304 S.S.	Viton	AS-314	0.63	16	0.67	17	0.31	8	0.15	3.9
NW 25	KF25CRVS	304 S.S.	Viton	AS-320	0.98	25	1.02	26	0.31	8	0.15	3.9
NW 40	KF40CRVS	304 S.S.	Viton	AS-326	1.57	40	1.61	41	0.31	8	0.15	3.9
NW 50	KF50CRVS	304 S.S.	Viton	AS-330	1.97	50	2.05	52	0.31	8	0.15	3.9
NW 10	KF10CRVA	Aluminum	Viton	AS-311	0.39	10	0.47	12	0.31	8	0.15	3.9
NW 16	KF16CRVA	Aluminum	Viton	AS-314	0.63	16	0.67	17	0.31	8	0.15	3.9
NW 25	KF25CRVA	Aluminum	Viton	AS-320	0.98	25	1.02	26	0.31	8	0.15	3.9
NW 40	KF40CRVA	Aluminum	Viton	AS-326	1.57	40	1.61	41	0.31	8	0.15	3.9
NW 50	KF50CRVA	Aluminum	Viton	AS-330	1.97	50	2.05	52	0.31	8	0.15	3.9
NW 10	KF10CRNS	304 S.S.	NBR	AS-311	0.39	10	0.47	12	0.31	8	0.15	3.9
NW 16	KF16CRNS	304 S.S.	NBR	AS-314	0.63	16	0.67	17	0.31	8	0.15	3.9
NW 25	KF25CRNS	304 S.S.	NBR	AS-320	0.98	25	1.02	26	0.31	8	0.15	3.9
NW 40	KF40CRNS	304 S.S.	NBR	AS-326	1.57	40	1.61	41	0.31	8	0.15	3.9
NW 50	KF50CRNS	304 S.S.	NBR	AS-330	1.97	50	2.05	52	0.31	8	0.15	3.9
NW 10	KF10CRNA	Aluminum	NBR	AS-311	0.39	10	0.47	12	0.31	8	0.15	3.9
NW 16	KF16CRNA	Aluminum	NBR	AS-314	0.63	16	0.67	17	0.31	8	0.15	3.9
NW 25	KF25CRNA	Aluminum	NBR	AS-320	0.98	25	1.02	26	0.31	8	0.15	3.9
NW 40	KF40CRNA	Aluminum	NBR	AS-326	1.57	40	1.61	41	0.31	8	0.15	3.9
NW 50	KF50CRNA	Aluminum	NBR	AS-330	1.97	50	2.05	52	0.31	8	0.15	3.9

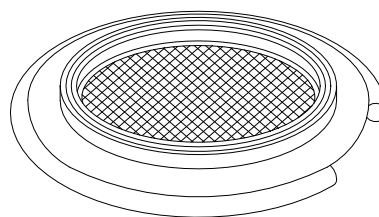


KF Centering Ring with Outer Ring & O'Ring											
Size	Model No.	O/R Material	C/R	O'Ring	O'Ring size	A in / mm		B in / mm		C in / mm	
NW 16	KF16OCRVS	Al	304 S.S.	Viton	AS-314	0.63	16	1.28	32.5	0.31	8
NW 25	KF25OCRVS	Al	304 S.S.	Viton	AS-320	0.98	25	1.67	42.5	0.31	8
NW 40	KF40OCRVS	Al	304 S.S.	Viton	AS-326	1.57	40	2.26	57.5	0.31	8
NW 50	KF50OCRVS	Al	304 S.S.	Viton	AS-330	1.97	50	3.05	77.5	0.31	8

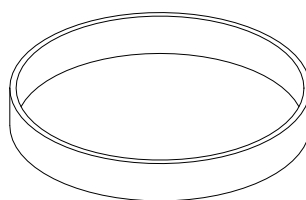
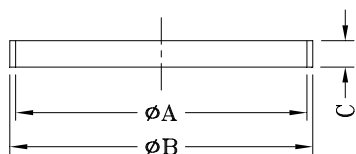


KF Cetering Ring Adaptor,O'Ring

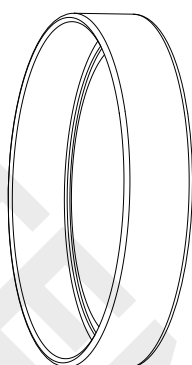
Size	Model No.	C/R	O'Ring	O'Ring size	A in / mm		B in / mm		C in / mm		D in / mm		E in / mm		F in / mm	
NW16	KF10CR16VS	304 S.S.	Viton	AS-314	0.39	10	0.47	12	0.63	16	0.67	17	0.31	8	0.15	3.9
NW25	KF20CR25VS	304 S.S.	Viton	AS-320	0.79	20	0.87	22	0.98	25	1.02	26	0.31	8	0.15	3.9
NW40	KF32CR40VS	304 S.S.	Viton	AS-326	1.26	32	1.34	34	1.57	40	1.61	41	0.31	8	0.15	3.9
NW16	KF10CR16VA	Aluminum	Viton	AS-314	0.39	10	0.47	12	0.63	16	0.67	17	0.31	8	0.15	3.9
NW25	KF20CR25VA	Aluminum	Viton	AS-320	0.79	20	0.87	22	0.98	25	1.02	26	0.31	8	0.15	3.9
NW40	KF32CR40VA	Aluminum	Viton	AS-326	1.26	32	1.34	34	1.57	40	1.61	41	0.31	8	0.15	3.9
NW16	KF10CR16NS	304 S.S.	NBR	AS-314	0.39	10	0.47	12	0.63	16	0.67	17	0.31	8	0.15	3.9
NW25	KF20CR25NS	304 S.S.	NBR	AS-320	0.79	20	0.87	22	0.98	25	1.02	26	0.31	8	0.15	3.9
NW40	KF32CR40NS	304 S.S.	NBR	AS-326	1.26	32	1.34	34	1.57	40	1.61	41	0.31	8	0.15	3.9
NW16	KF10CR16NA	Aluminum	NBR	AS-314	0.39	10	0.47	12	0.63	16	0.67	17	0.31	8	0.15	3.9
NW25	KF20CR25NA	Aluminum	NBR	AS-320	0.79	20	0.87	22	0.98	25	1.02	26	0.31	8	0.15	3.9
NW40	KF32CR40NA	Aluminum	NBR	AS-326	1.26	32	1.34	34	1.57	40	1.61	41	0.31	8	0.15	3.9



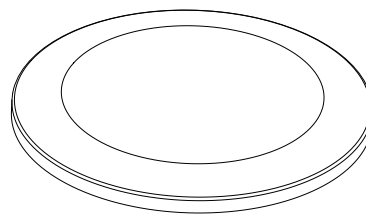
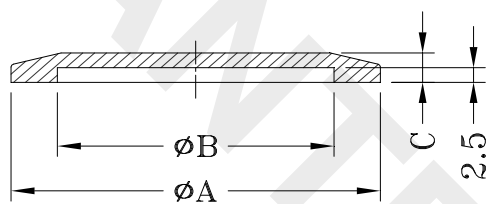
KF Meshed Centering Ring											
Size	Model No.	C/R	O'Ring	O'Ring size	Mesh/In ²	A in / mm		B in / mm		C in / mm	
NW 16	KF16M3CRVS	304 S.S.	Viton	AS-314	900	0.47	12.0	0.67	17.0	0.15	3.9
NW 25	KF25M3CRVS	304 S.S.	Viton	AS-320	900	0.81	20.5	1.02	26.0	0.15	3.9
NW 40	KF40M3CRVS	304 S.S.	Viton	AS-326	900	1.41	35.8	1.61	41.0	0.15	3.9
NW 50	KF50M3CRVS	304 S.S.	Viton	AS-330	900	1.82	46.3	2.05	52.0	0.15	3.9
NW 16	KF16M3CRNS	304 S.S.	NBR	AS-314	900	0.47	12.0	0.67	17.0	0.15	3.9
NW 25	KF25M3CRNS	304 S.S.	NBR	AS-320	900	0.81	20.5	1.02	26.0	0.15	3.9
NW 40	KF40M3CRNS	304 S.S.	NBR	AS-326	900	1.41	35.8	1.61	41.0	0.15	3.9
NW 50	KF50M3CRNS	304 S.S.	NBR	AS-330	900	1.82	46.3	2.05	52.0	0.15	3.9



KF Over pressure Ring								
Size	Model No.	Material	A in / mm		B in / mm		C in / mm	
NW 10	KF10OPR	304 S.S.	0.93	23.50	1.10	28.00	0.15	3.7
NW 16	KF16OPR	304 S.S.	1.19	30.12	1.25	31.75	0.15	3.7
NW 25	KF25OPR	304 S.S.	1.53	38.86	1.59	40.40	0.15	3.7
NW 40	KF40OPR	304 S.S.	2.13	54.00	2.25	57.15	0.15	3.7
NW 50	KF50OPR	304 S.S.	2.62	66.55	2.75	69.85	0.15	3.7

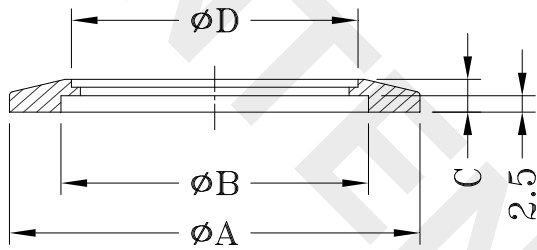


Cap		
Size	Model No.	Material
NW 10	KF10CAP	Polyethylene
NW 16	KF16CAP	Polyethylene
NW 25	KF25CAP	Polyethylene
NW 40	KF40CAP	Polyethylene
NW 50	KF50CAP	Polyethylene

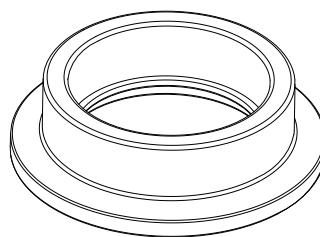
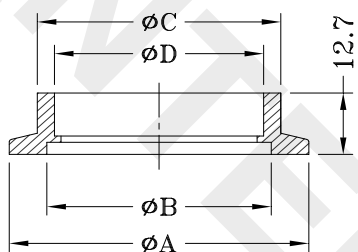


KF Blank Flange

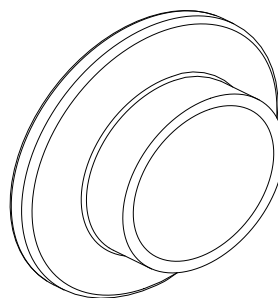
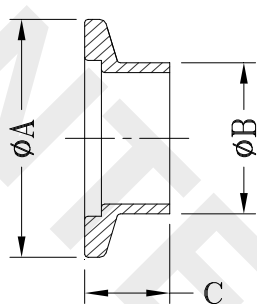
Size	Model No.	Material	A		B		C	
			in / mm		in / mm		in / mm	
NW 10	KF10BS	304 S.S.	1.18	30	0.48	12.2	0.20	5
NW 16	KF16BS	304 S.S.	1.18	30	0.68	17.2	0.20	5
NW 25	KF25BS	304 S.S.	1.57	40	1.03	26.2	0.20	5
NW 40	KF40BS	304 S.S.	2.17	55	1.62	41.2	0.20	5
NW 50	KF50BS	304 S.S.	2.95	75	2.06	52.2	0.20	5
NW 10	KF10BA	Aluminum	1.18	30	0.48	12.2	0.20	5
NW 16	KF16BA	Aluminum	1.18	30	0.68	17.2	0.20	5
NW 25	KF25BA	Aluminum	1.57	40	1.03	26.2	0.20	5
NW 40	KF40BA	Aluminum	2.17	55	1.62	41.2	0.20	5
NW 50	KF50BA	Aluminum	2.95	75	2.06	52.2	0.20	5



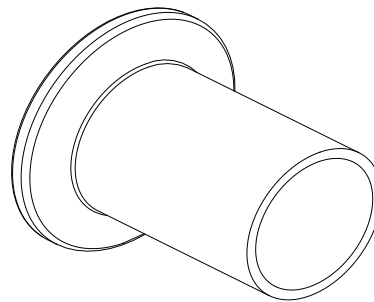
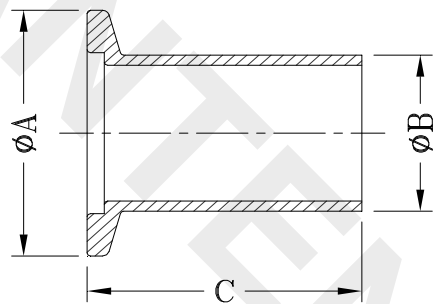
KF Bored Flange										
Size	Model No.	Material	A in / mm		B in / mm		C in / mm		D in / mm	
NW10	KF10B12	304 S.S.	1.18	30	0.48	12.20	0.20	5	0.51	12.90
NW 16	KF16B19	304 S.S.	1.18	30	0.68	17.20	0.20	5	0.76	19.30
NW 25	KF25B25	304 S.S.	1.57	40	1.03	26.20	0.20	5	1.01	25.70
NW 40	KF40B38	304 S.S.	2.17	55	1.62	41.20	0.20	5	1.51	38.40
NW 50	KF50B51	304 S.S.	2.95	75	2.06	52.20	0.20	5	2.01	51.00



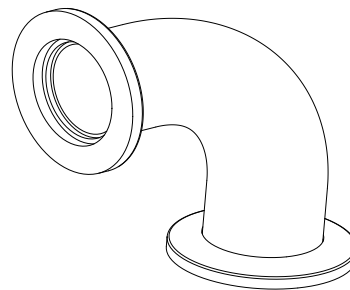
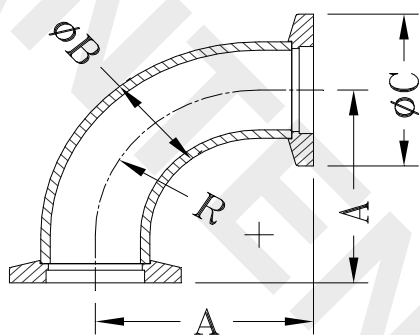
KF Socket Weld Flange										
Size	Model No.	Material	A		B		C		D	
			in / mm		in / mm		in / mm		in / mm	
NW 10	KF10WS	304 S.S.	1.18	30	0.48	12.20	0.65	16.50	0.51	13.00
NW 16	KF16WS	304 S.S.	1.18	30	0.68	17.20	0.81	20.50	0.76	19.30
NW 25	KF25WS	304 S.S.	1.57	40	1.03	26.20	1.14	29.00	1.01	25.70
NW 40	KF40WS	304 S.S.	2.17	55	1.62	41.20	1.76	44.70	1.51	38.40
NW 50	KF50WS	304 S.S.	2.95	75	2.06	52.20	2.26	57.40	2.01	51.00



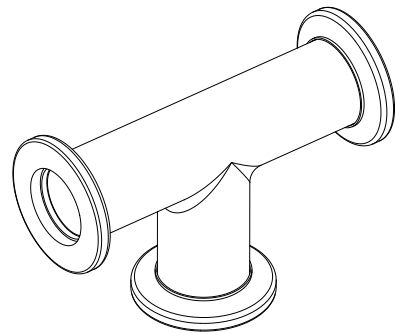
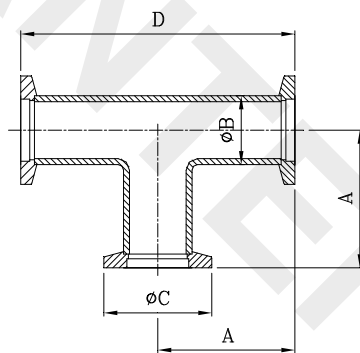
Half Nipple (Short)								
Size	Model No.	Material	A in / mm		B in / mm		C in / mm	
NW 10	KF10SHNSA	304 S.S.	1.18	30	0.50	12.70	0.50	12.7
NW 16	KF16SHNSA	304 S.S.	1.18	30	0.75	19.05	0.50	12.7
NW 25	KF25SHNSA	304 S.S.	1.57	40	1.00	25.40	0.50	12.7
NW 40	KF40SHNSA	304 S.S.	2.17	55	1.50	38.10	0.75	19.1
NW 50	KF50SHNSA	304 S.S.	2.95	75	2.00	50.80	0.75	19.1



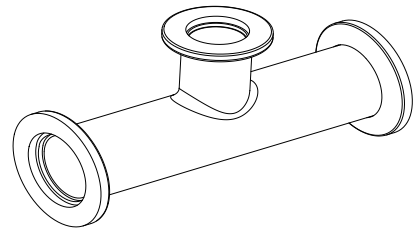
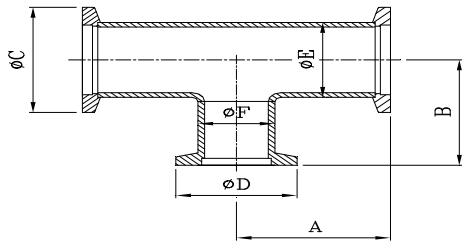
Half Nipple (Long)								
Size	Model No.	Material	A in / mm		B in / mm		C in / mm	
NW 10	KF10-LHNSA	304 S.S.	1.18	30	0.50	12.70	1.57	40
NW 16	KF16-LHNSA	304 S.S.	1.18	30	0.75	19.05	1.57	40
NW 25	KF25-LHNSA	304 S.S.	1.57	40	1.00	25.40	1.57	40
NW 40	KF40-LHNSA	304 S.S.	2.17	55	1.50	38.10	1.57	40
NW 50	KF50-LHNSA	304 S.S.	2.95	75	2.00	50.80	1.57	40
NW 10	KF10-LHNAA	Aluminum	1.18	30	0.50	12.70	1.57	40
NW 16	KF16-LHNAA	Aluminum	1.18	30	0.75	19.05	1.57	40
NW 25	KF25-LHNAA	Aluminum	1.57	40	1.00	25.40	1.57	40
NW 40	KF40-LHNAA	Aluminum	2.17	55	1.50	38.10	1.57	40
NW 50	KF50-LHNAA	Aluminum	2.95	75	2.00	50.80	1.57	40



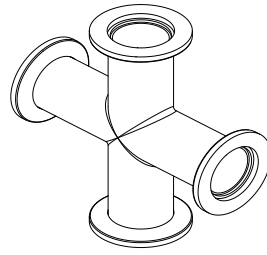
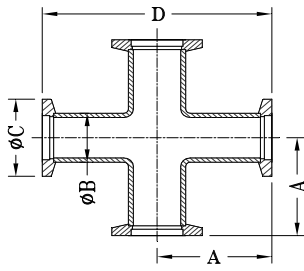
Elbow (90°)										
Size	Model No.	Material	A in / mm		B in / mm		C in / mm		R in / mm	
NW 16	KF16EL90A	304 S.S.	1.51	38.30	0.75	19.05	1.18	30	1.13	28.60
NW 25	KF25EL90A	304 S.S.	2.21	56.20	1.00	25.40	1.57	40	1.50	38.10
NW 40	KF40EL90A	304 S.S.	3.09	78.40	1.50	38.10	2.17	55	2.25	57.20
NW 50	KF50EL90A	304 S.S.	4.21	107.00	2.00	50.80	2.95	75	3.00	76.20



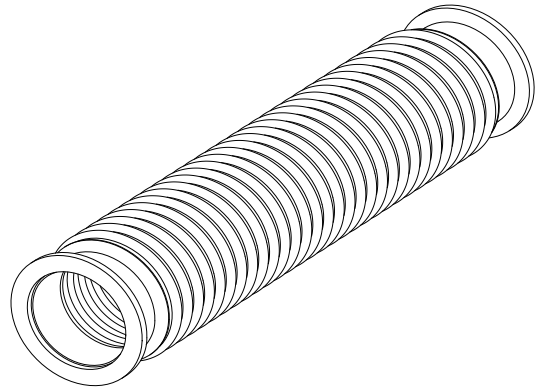
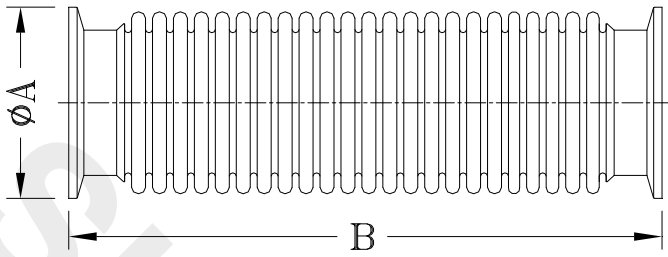
Tee										
Size	Model No.	Material	A in / mm		B in / mm		C in / mm		D in / mm	
NW 16	KF16TA	304 S.S.	1.51	38.30	0.75	19.05	1.18	30	3.02	76.6
NW 25	KF25TA	304 S.S.	2.02	51.40	1.00	25.40	1.57	40	4.05	102.8
NW 40	KF40TA	304 S.S.	2.40	61.00	1.50	38.10	2.17	55	4.80	122.0
NW 50	KF50TA	304 S.S.	3.15	80.00	2.00	50.80	2.95	75	6.30	160.0



KF Unequal Tees														
Size	Model No.	Material	A in / mm		B in / mm		C in / mm		D in / mm		E in / mm		F in / mm	
NW 25 / 16	KF25UT16A	304 S.S.	2.05	52	1.48	37.5	1.57	40	1.18	30	1.0	25.4	0.75	19.05
NW 40 / 16	KF40UT16A	304 S.S.	2.40	61	2.05	52.0	2.17	55	1.18	30	1.5	38.1	0.75	19.05
NW 40 / 25	KF40UT25A	304 S.S.	2.40	61	2.28	57.8	2.17	55	1.57	40	1.5	38.1	1.00	25.40
NW 50 / 16	KF50UT16A	304 S.S.	3.15	80	2.29	58.2	2.95	75	1.18	30	2.0	50.8	0.75	19.05
NW 50 / 25	KF50UT25A	304 S.S.	3.15	80	2.52	64.1	2.95	75	1.57	40	2.0	50.8	1.00	25.40
NW 50 / 40	KF50UT40A	304 S.S.	3.15	80	2.65	67.3	2.95	75	2.17	55	2.0	50.8	1.50	38.10

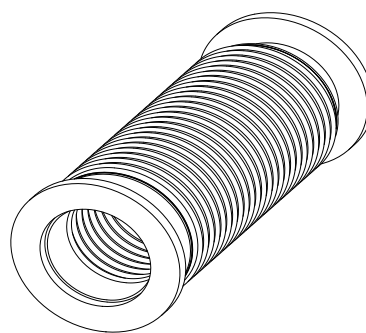
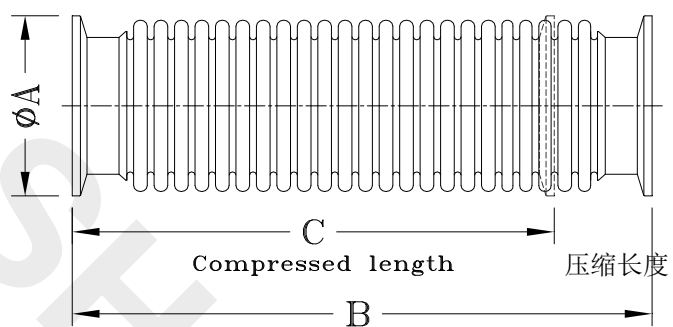


KF 4-Way Crosses										
Size	Model No.	Material	A in / mm		B in / mm		C in / mm		D in / mm	
NW 16	KF16XA	304 S.S.	1.51	38.3	0.75	19.05	1.18	30	3.02	76.6
NW 25	KF25XA	304 S.S.	2.02	51.4	1.00	25.40	1.57	40	4.05	102.8
NW 40	KF40XA	304 S.S.	2.40	61.0	1.50	38.10	2.17	55	4.80	122.0
NW 50	KF50XA	304 S.S.	3.15	80.0	2.00	50.80	2.95	75	6.30	160.0



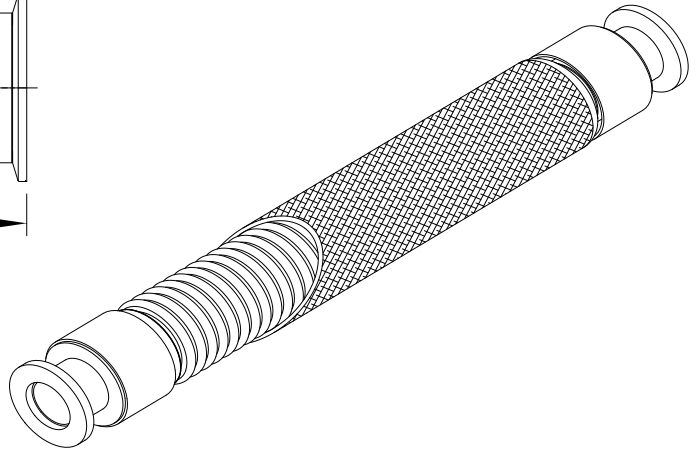
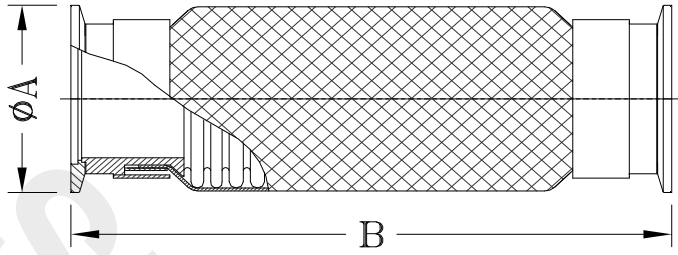
KF Flexible Hose

Size	Model No.	Material	A in / mm		B in / mm	
NW16	KF16FX250	304 S.S.	1.18	30	9.84	250
NW16	KF16FX500	304 S.S.	1.18	30	19.69	500
NW16	KF16FX750	304 S.S.	1.18	30	29.53	750
NW16	KF16FX1000	304 S.S.	1.18	30	39.37	1,000
NW25	KF25FX250	304 S.S.	1.57	40	9.84	250
NW25	KF25FX500	304 S.S.	1.57	40	19.69	500
NW25	KF25FX750	304 S.S.	1.57	40	29.53	750
NW25	KF25FX1000	304 S.S.	1.57	40	39.37	1,000
NW40	KF40FX250	304 S.S.	2.17	55	9.84	250
NW40	KF40FX500	304 S.S.	2.17	55	19.69	500
NW40	KF40FX750	304 S.S.	2.17	55	29.53	750
NW40	KF40FX1000	304 S.S.	2.17	55	39.37	1,000
NW50	KF50FX250	304 S.S.	2.95	75	9.84	250
NW50	KF50FX500	304 S.S.	2.95	75	19.69	500
NW50	KF50FX750	304 S.S.	2.95	75	29.53	750
NW50	KF50FX1000	304 S.S.	2.95	75	39.37	1,000



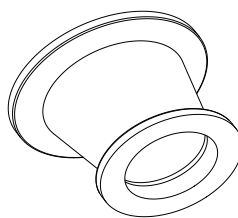
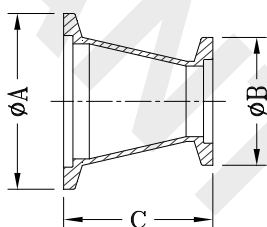
KF Compressible Bellows Connections

Size	Model No..	Material	A in / mm		B in / mm		C in / mm	
NW10	KF10FXC100	304 S.S.	1.18	30	3.94	100	3.15	80
NW16	KF16FXC100	304 S.S.	1.18	30	3.94	100	3.15	80
NW25	KF25FXC100	304 S.S.	1.57	40	3.94	100	3.15	80
NW40	KF40FXC100	304 S.S.	2.17	55	3.94	100	3.15	80
NW50	KF50FXC100	304 S.S.	2.95	75	3.94	100	3.15	80



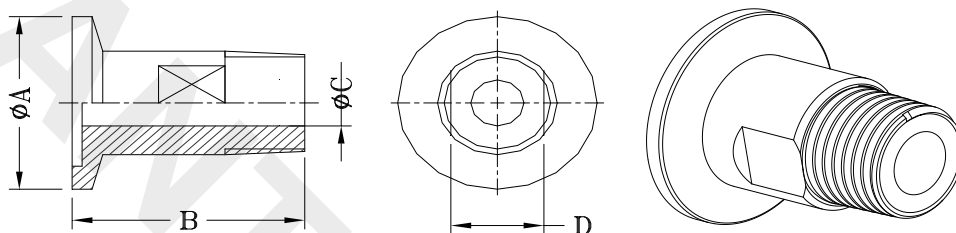
KF Braided Flexible Hoses

Size	Model No.	Material	A		B	
			in / mm		in / mm	
NW16	KF16BFX250	304 S.S.	1.18	30	9.84	250
NW16	KF16BFX500	304 S.S.	1.18	30	19.69	500
NW16	KF16BFX750	304 S.S.	1.18	30	29.53	750
NW16	KF16BFX1000	304 S.S.	1.18	30	39.37	1,000
NW25	KF25BFX250	304 S.S.	1.57	40	9.84	250
NW25	KF25BFX500	304 S.S.	1.57	40	19.69	500
NW25	KF25BFX750	304 S.S.	1.57	40	29.53	750
NW25	KF25BFX1000	304 S.S.	1.57	40	39.37	1,000
NW40	KF40BFX250	304 S.S.	2.17	55	9.84	250
NW40	KF40BFX500	304 S.S.	2.17	55	19.69	500
NW40	KF40BFX750	304 S.S.	2.17	55	29.53	750
NW40	KF40BFX1000	304 S.S.	2.17	55	39.37	1,000
NW50	KF50BFX250	304 S.S.	2.95	75	9.84	250
NW50	KF50BFX500	304 S.S.	2.95	75	19.69	500
NW50	KF50BFX750	304 S.S.	2.95	75	29.53	750
NW50	KF50BFX1000	304 S.S.	2.95	75	39.37	1,000

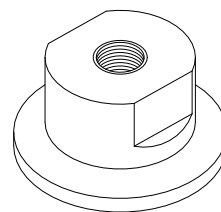
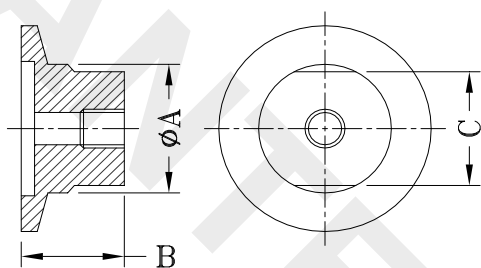


KF - KF Conical Reducing Adaptor

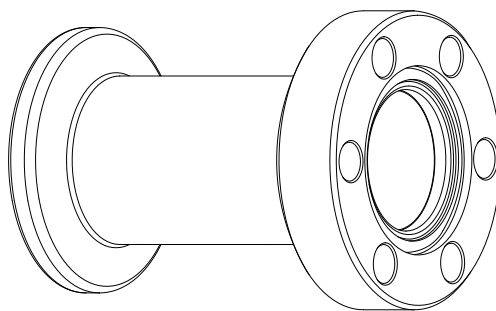
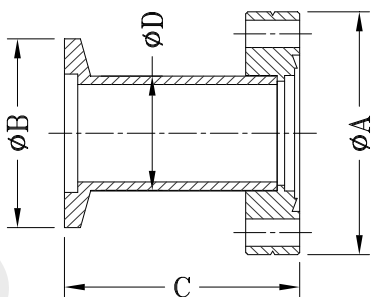
Size	Model No.	Material	A		B		C	
			in	mm	in	mm	in	mm
NW25 x NW16	KF25RA16	304 S.S.	1.57	40	1.18	30	1.57	40
NW40 x NW16	KF40RA16	304 S.S.	2.17	55	1.18	30	1.57	40
NW40 x NW25	KF40RA25	304 S.S.	2.17	55	1.57	40	1.57	40
NW50 x NW16	KF50RA16	304 S.S.	2.95	75	1.18	30	1.57	40
NW50 x NW25	KF50RA25	304 S.S.	2.95	75	1.57	40	1.57	40
NW50 x NW40	KF50RA40	304 S.S.	2.95	75	2.17	55	1.57	40



KF -Male Pipe Adaptor										
Size	Model No.	Material	A		B		C		D	
			in	mm	in	mm	in	mm	in	mm
NW16 x 1/8 NPT	KF16MNPT3	304 S.S.	1.18	30.0	1.38	35	0.19	4.7	0.39	10.00
NW16 x 1/4 NPT	KF16MNPT6	304 S.S.	1.18	30.0	1.38	35	0.28	7.1	0.55	14.00
NW25 x 1/8 NPT	KF25MNPT3	304 S.S.	1.57	40.0	1.38	35	0.19	4.7	0.39	10.00
NW25 x 1/4 NPT	KF25MNPT6	304 S.S.	1.57	40.0	1.38	35	0.28	7.1	0.55	14.00
NW25 x 1/2 NPT	KF25MNPT13	304 S.S.	1.57	40.0	1.57	40	0.47	11.9	0.87	22.00
NW25 x 3/4 NPT	KF25MNPT19	304 S.S.	1.57	40.0	1.57	40	0.63	15.9	1.06	27.00
NW40 x 1/4 NPT	KF40MNPT6	304 S.S.	2.17	55.0	1.38	35	0.28	7.1	0.55	14.00
NW40 x 1/2 NPT	KF40MNPT13	304 S.S.	2.17	55.0	1.57	40	0.47	11.9	0.87	22.00
NW40 x 3/4 NPT	KF40MNPT19	304 S.S.	2.17	55.0	1.57	40	0.63	15.9	1.06	27.00
NW40 x 1 NPT	KF40MNPT25	304 S.S.	2.17	55.0	1.77	45	0.87	22.2	1.42	36.00
NW50 x 1/4 NPT	KF50MNPT6	304 S.S.	2.95	75.0	1.38	35	0.28	7.1	0.55	14.00
NW50 x 1/2 NPT	KF50MNPT13	304 S.S.	2.95	75.0	1.57	40	0.47	11.9	0.87	22.00
NW50 x 3/4 NPT	KF50MNPT19	304 S.S.	2.95	75.0	1.57	40	0.63	15.9	1.06	27.00
NW50 x 1 NPT	KF50MNPT25	304 S.S.	2.95	75.0	1.77	45	0.87	22.2	1.42	36.00

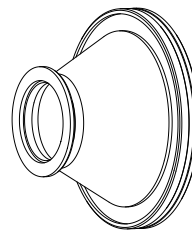
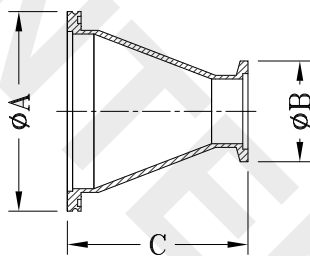


KF - Female Pipe Adaptor								
Size	Model No.	Material	A		B		C	
			in	mm	in	mm	in	mm
NW16 x 1/8 NPT	KF16FNPT3	304 S.S.	0.75	19.05	0.98	25	0.67	17
NW25 x 1/8 NPT	KF25FNPT3	304 S.S.	1.00	25.40	0.98	25	0.75	19
NW40 x 1/8 NPT	KF40FNPT3	304 S.S.	1.50	38.10	0.98	25	1.26	32
NW50 x 1/8 NPT	KF50FNPT3	304 S.S.	2.00	50.80	0.98	25	1.81	46
NW16 x 1/4 NPT	KF16FNPT6	304 S.S.	0.75	19.05	0.98	25	0.67	17
NW25 x 1/4 NPT	KF25FNPT6	304 S.S.	1.00	25.40	0.98	25	0.75	19
NW40 x 1/4 NPT	KF40FNPT6	304 S.S.	1.50	38.10	0.98	25	1.26	32
NW50 x 1/4 NPT	KF50FNPT6	304 S.S.	2.00	50.80	0.98	25	1.81	46

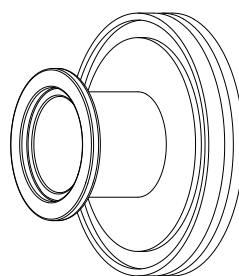
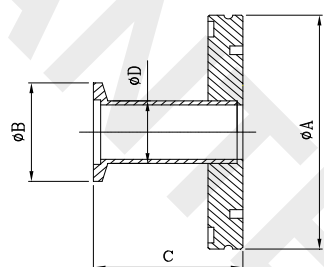


CF - KF Tubulated Adaptor

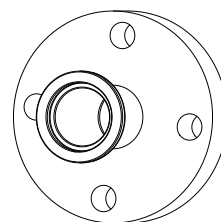
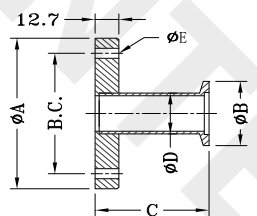
Size	Model No.	Material	A		B		C		D	
			in	mm	in	mm	in	mm	in	mm
CF16 x NW10	CF16K10A	304 S.S.	1.33	33.8	1.18	30	1.69	43.0	0.50	12.70
CF16 x NW16	CF16K16A	304 S.S.	1.33	33.8	1.18	30	1.69	43.0	0.75	19.05
CF35 x NW10	CF35K10A	304 S.S.	2.74	69.5	1.18	30	1.78	45.3	0.50	12.70
CF35 x NW16	CF35K16A	304 S.S.	2.74	69.5	1.18	30	1.78	45.3	0.75	19.05
CF35 x NW25	CF35K25A	304 S.S.	2.74	69.5	1.57	40	1.78	45.3	1.00	25.40
CF35 x NW40	CF35K40A	304 S.S.	2.74	69.5	2.17	55	1.78	45.3	1.50	38.10
CF63 x NW50	CF63K50A	304 S.S.	4.47	113.6	2.95	75	1.95	49.5	2.00	50.80



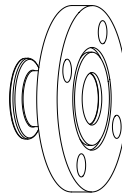
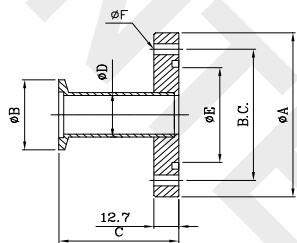
ISO - KF Conical Reducing Adaptor								
Size	Model No.	Material	A		B		C	
			in	mm	in	mm	in	mm
ISO80 x NW40	ISO80KRA40	304 S.S.	4.33	110	2.17	55	2.48	63
ISO100 x NW40	ISO100KRA40	304 S.S.	5.12	130	2.17	55	2.48	63
ISO80 x NW50	ISO80KRA50	304 S.S.	4.33	110	2.95	75	2.48	63
ISO100 x NW50	ISO100KRA50	304 S.S.	5.12	130	2.95	75	2.48	63



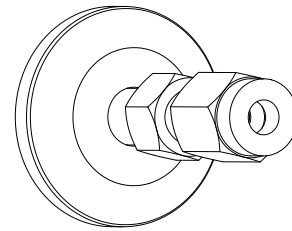
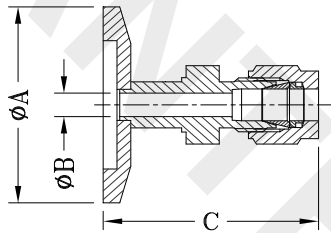
ISO - KF Tubulated Adaptor										
Size	Model No.	Material	A		B		C		D	
			in	mm	in	mm	in	mm	in	mm
ISO63 x NW25	ISO63KA25	304 S.S.	3.74	95.0	1.57	40	1.65	42	1.00	25.4
ISO63 x NW40	ISO63KA40	304 S.S.	3.74	95.0	2.17	55	1.65	42	1.50	38.1
ISO63 x NW50	ISO63KA50	304 S.S.	3.74	95.0	2.95	75	1.65	42	2.00	50.8
ISO80 x NW40	ISO80KA40	304 S.S.	4.33	110.0	2.17	55	1.65	42	1.50	38.1
ISO80 x NW50	ISO80KA50	304 S.S.	4.33	110.0	2.95	75	1.65	42	2.00	50.8
ISO100 x NW40	ISO100KA40	304 S.S.	5.12	130.0	2.17	55	1.65	42	1.50	38.1
ISO100 x NW50	ISO100KA50	304 S.S.	5.12	130.0	2.95	75	1.65	42	2.00	50.8



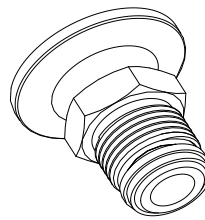
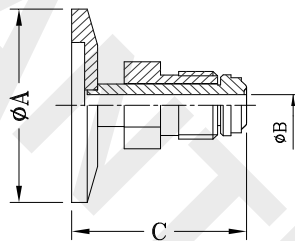
ANSI (ASA) - KF Tubulated Adaptor														
Size	Model No.	Material	A		B		C		D		E		B.C.	
			in	mm	in	mm	in	mm	in	mm	in	mm		
ASA1.0 x NW40	ASA4KA40	304 S.S.	4.25	108.0	2.17	55	1.65	42	1.50	38.1	0.62 x 4	15.8 x 4	3.13	79.40
ASA1.0 x NW50	ASA4KA50	304 S.S.	4.25	108.0	2.95	75	1.65	42	2.00	50.8	0.62 x 4	15.8 x 4	3.13	79.40
ASA1.5 x NW40	ASA5KA40	304 S.S.	5.00	127.0	2.17	55	1.65	42	1.50	38.1	0.62 x 4	15.8 x 4	3.87	98.40
ASA1.5 x NW50	ASA5KA50	304 S.S.	5.00	127.0	2.95	75	1.65	42	2.00	50.8	0.62 x 4	15.8 x 4	3.87	98.40
ASA3.0 x NW40	ASA7KA40	304 S.S.	7.50	190.5	2.17	55	1.65	42	1.50	38.1	0.75 x 4	19 x 4	6.00	152.40
ASA3.0 x NW50	ASA7KA50	304 S.S.	7.50	190.5	2.95	75	1.65	42	2.00	50.8	0.75 x 4	19 x 4	6.00	152.40



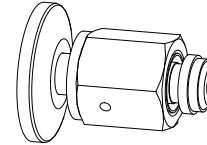
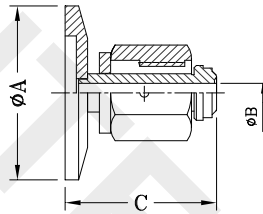
ANSI (ASA) - KF Tubulated Adaptor with O'Ring Groove																
Size	Model No.	Material	A		B		C		D		E		F		B.C.	
			in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
ASA1.0 x NW40	ASA4OGKA40	304 S.S.	4.25	108.0	2.17	55	1.65	42	1.50	38.1	1.87	47.50	0.62 x 4	15.8 x 4	3.13	79.40
ASA1.0 x NW50	ASA4OGKA50	304 S.S.	4.25	108.0	2.95	75	1.65	42	2.00	50.8	1.87	47.50	0.62 x 4	15.8 x 4	3.13	79.40
ASA1.5 x NW40	ASA5OGKA40	304 S.S.	5.00	127.0	2.17	55	1.65	42	1.50	38.1	2.50	63.50	0.62 x 4	15.8 x 4	3.87	98.40
ASA1.5 x NW50	ASA5OGKA50	304 S.S.	5.00	127.0	2.95	75	1.65	42	2.00	50.8	2.50	63.50	0.62 x 4	15.8 x 4	3.87	98.40
ASA3.0 x NW40	ASA7OGKA40	304 S.S.	7.50	190.5	2.17	55	1.65	42	1.50	38.1	4.63	117.50	0.75 x 4	19 x 4	6.00	152.40
ASA3.0 x NW50	ASA7OGKA50	304 S.S.	7.50	190.5	2.95	75	1.65	42	2.00	50.8	4.63	117.50	0.75 x 4	19 x 4	6.00	152.40



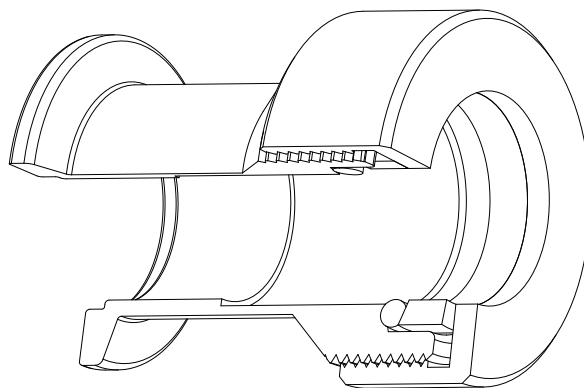
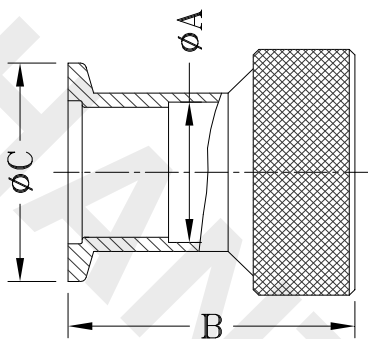
KF - Swagelok Adaptor								
Size	Model No.	Material	A		B		C	
			in	mm	in	mm	in	mm
NW16 x 1/4" Swagelok	KF16SWA6	304 S.S.	1.18	30.0	0.19	4.8	1.44	36.6
NW16 x 1/2" Swagelok	KF16SWA13	304 S.S.	1.18	30.0	0.43	10.8	1.77	45.0
NW25 x 1/4" Swagelok	KF25SWA6	304 S.S.	1.57	40.0	0.19	4.8	1.44	36.6
NW25 x 1/2" Swagelok	KF25SWA13	304 S.S.	1.57	40.0	0.43	10.8	2.14	54.3
NW40 x 1/4" Swagelok	KF40SWA6	304 S.S.	2.17	55.0	0.19	4.8	1.44	36.6
NW40 x 1/2" Swagelok	KF40SWA13	304 S.S.	2.17	55.0	0.43	10.8	2.14	54.3
NW50 x 1/4" Swagelok	KF50SWA6	304 S.S.	2.95	75.0	0.19	4.8	1.44	36.6
NW50 x 1/2" Swagelok	KF50SWA13	304 S.S.	2.95	75.0	0.43	10.8	2.14	54.3



KF - VCR Male Adaptor								
Size	Model No.	Material	A		B		C	
			in	mm	in	mm	in	mm
NW16 x 1/4" VCR	KF16MVCR6	304 S.S.	1.18	30.0	0.17	4.4	1.46	37.0
NW16 x 1/2" VCR	KF16MVCR13	304 S.S.	1.18	30.0	0.41	10.4	1.65	41.9
NW25 x 1/4" VCR	KF25MVCR6	304 S.S.	1.57	40.0	0.17	4.4	1.46	37.0
NW25 x 1/2" VCR	KF25MVCR13	304 S.S.	1.57	40.0	0.41	10.4	1.65	41.9
NW40 x 1/4" VCR	KF40MVCR6	304 S.S.	2.17	55.0	0.17	4.4	1.46	37.0
NW40 x 1/2" VCR	KF40MVCR13	304 S.S.	2.17	55.0	0.41	10.4	1.65	41.9
NW50 x 1/4" VCR	KF50MVCR6	304 S.S.	2.95	75.0	0.17	4.4	1.46	37.0
NW50 x 1/2" VCR	KF50MVCR13	304 S.S.	2.95	75.0	0.41	10.4	1.65	41.9

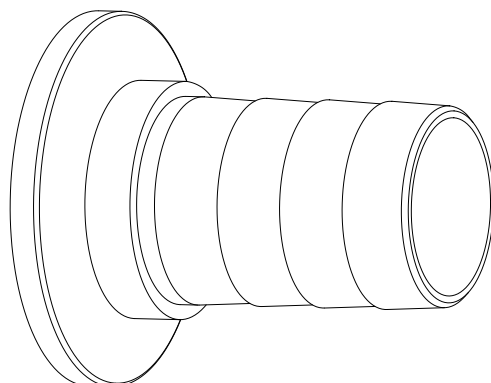
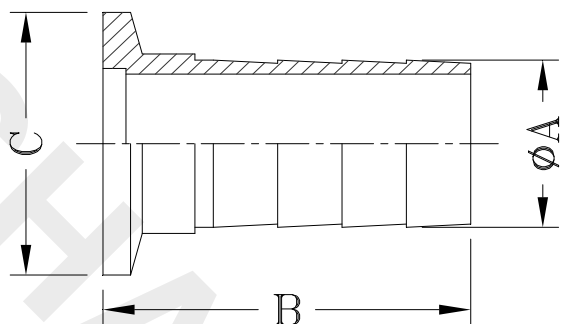


KF - VCR Female Adaptor								
Size	Model No.	Material	A		B		C	
			in	mm	in	mm	in	mm
NW16 x 1/4" VCR	KF16FVCR6	304 S.S.	1.18	30.0	0.17	4.4	1.46	37.0
NW16 x 1/2" VCR	KF16FVCR13	304 S.S.	1.18	30.0	0.41	10.4	1.65	41.9
NW25 x 1/4" VCR	KF25FVCR6	304 S.S.	1.57	40.0	0.17	4.4	1.46	37.0
NW25 x 1/2" VCR	KF25FVCR13	304 S.S.	1.57	40.0	0.41	10.4	1.65	41.9
NW40 x 1/4" VCR	KF40FVCR6	304 S.S.	2.17	55.0	0.17	4.4	1.46	37.0
NW40 x 1/2" VCR	KF40FVCR13	304 S.S.	2.17	55.0	0.41	10.4	1.65	41.9
NW50 x 1/4" VCR	KF50FVCR6	304 S.S.	2.95	75.0	0.17	4.4	1.46	37.0
NW50 x 1/2" VCR	KF50FVCR13	304 S.S.	2.95	75.0	0.41	10.4	1.65	41.9



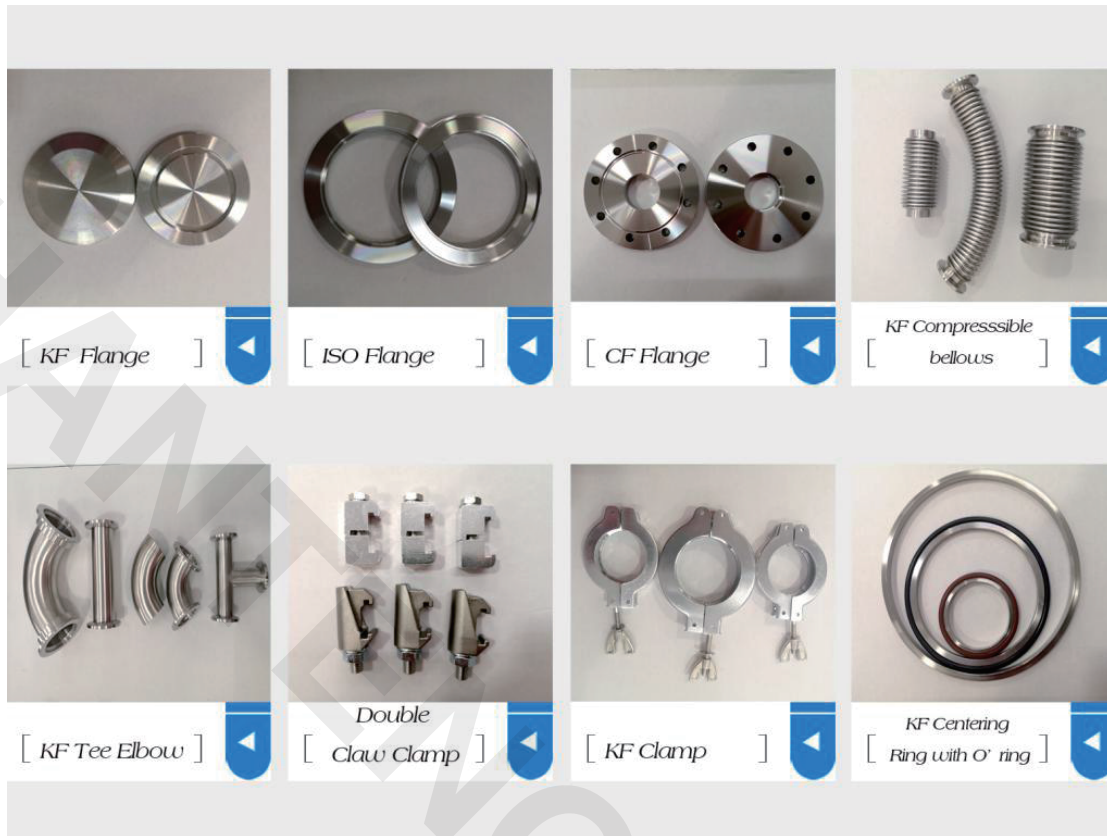
KF - Quick-Disconnect Adaptor

Size	Model No.	Material	A		B		C	
			in	mm	in	mm	in	mm
NW16 x 1/4" Tube	KF16QDA6	304 S.S.	0.26	6.50	1.31	33.40	1.18	30.00
NW16 x 1/2" Tube	KF16QDA12	304 S.S.	0.51	13.00	1.44	36.50	1.18	30.00
NW16 x 3/4" Tube	KF16QDA19	304 S.S.	0.76	19.30	1.75	44.50	1.18	30.00
NW25 x 1/2" Tube	KF25QDA12	304 S.S.	0.51	13.00	1.44	36.50	1.57	40.00
NW25 x 3/4" Tube	KF25QDA19	304 S.S.	0.76	19.30	1.75	44.50	1.57	40.00
NW25 x 1" Tube	KF25QDA25	304 S.S.	1.01	25.70	2.00	50.80	1.57	40.00
NW40 x 1/2" Tube	KF40QDA12	304 S.S.	0.51	13.00	1.44	36.50	2.17	55.00
NW40 x 3/4" Tube	KF40QDA19	304 S.S.	0.76	19.30	1.75	44.50	2.17	55.00
NW40 x 1" Tube	KF40QDA25	304 S.S.	1.01	25.70	2.00	50.80	2.17	55.00
NW40 x 1 1/2" Tube	KF40QDA38	304 S.S.	1.51	38.40	2.37	60.30	2.17	55.00
NW50 x 1 1/2" Tube	KF50QDA38	304 S.S.	1.51	38.40	2.37	60.30	2.95	75.00
NW50 x 2" Tube	KF50QDA50	304 S.S.	2.01	51.00	2.37	60.30	2.95	75.00



KF Rubber Hose Adaptor

Size	Model No.	Material	A		B		C	
			in	mm	in	mm	in	mm
NW10 x 5/8" Barb	KF10RHA	304 S.S.	0.63	16.0	1.57	40	1.18	30.00
NW16 x 3/4" Barb	KF16RHA	304 S.S.	0.75	19.1	1.57	40	1.18	30.00
NW25 x 7/8" Barb	KF25RHA	304 S.S.	0.87	22.2	1.57	40	1.57	40.00
NW40 x 1 5/8" Barb	KF40RHA	304 S.S.	1.63	41.3	1.57	40	2.17	55.00
NW50 x 1 7/8" Barb	KF50RHA	304 S.S.	1.88	47.7	1.57	40	2.95	75.00



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