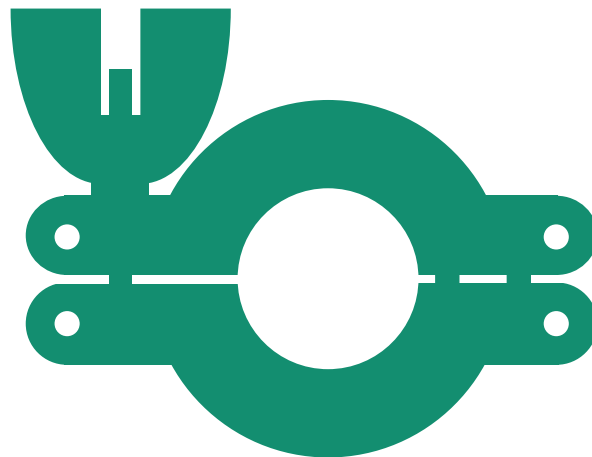




D



VACUUM KF COMPONENTS

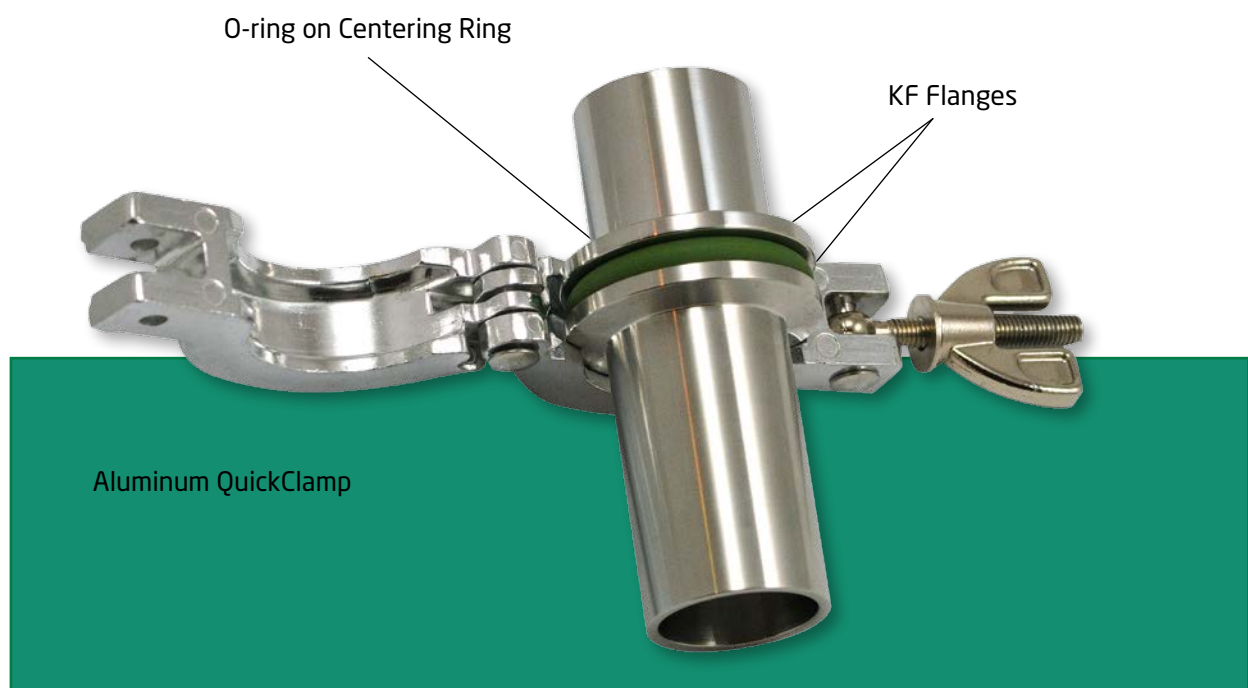
- Elbows, Tees and CrossesD 20

KF flanges utilize an Aluminum clamp with a single wingnut fastener allowing frequent disassembly without tools. The vacuum seal is effected by uniform application of pressure by the clamp on the 15° surface of the flange. The mating flange surfaces compress an "O"-ring (held in place by a metal centering ring) to produce a seal that can be used in vacuum applications down to 10^{-7} mbar and baked to 200°C (sustained to 150°C), for Viton O-ring.

The KF range of flanges and fittings are manufactured from high quality 316L (1.4404) Stainless Steel*. Some items are also available in Aluminum.

All given dimensions are nominal in mm.

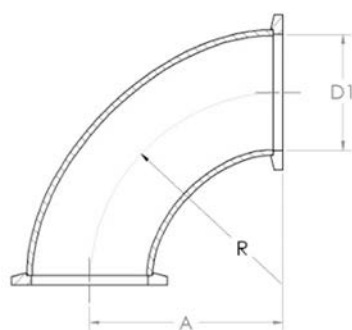
*304L (1.4407) available on request.



Elbows, Tees and Crosses

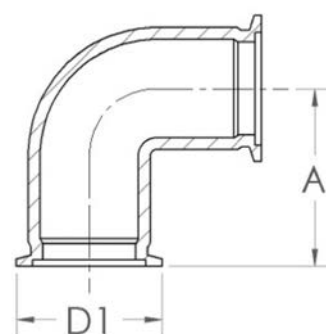
90 DEGREE RADIUS ELBOW - STAINLESS STEEL

P/N	DN	A	D1	R
EL16K	16	40	20.0	27
EL25K	25	50	28.0	37
EL40K	40	65	44.5	60
EL50K	50	70	57.0	65



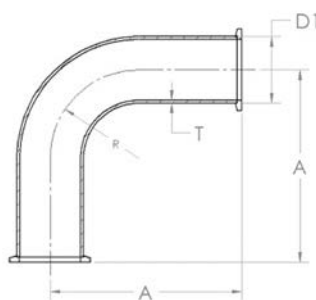
90 DEGREE RADIUS ELBOW - ALUMINUM

P/N	DN	A	D1
EL16KA	16	40	30
EL25KA	25	50	40
EL40KA	40	65	55



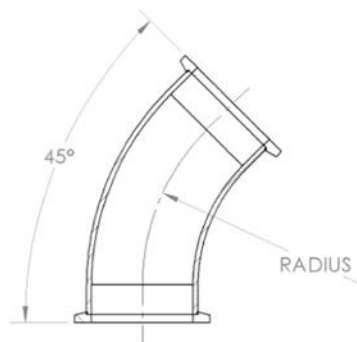
LONG RADIUS ELBOW - STAINLESS STEEL

P/N	DN	A	D1	R	T
LREL40K	40	130	44.5	60	2
LREL50K	50	140	57.0	126	3



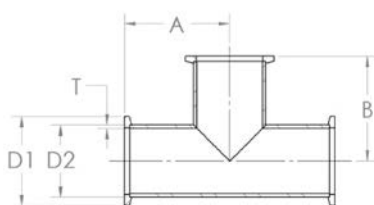
45 DEGREE RADIUS ELBOW - STAINLESS STEEL

P/N	DN	R
EL416KF	16	40
EL425KF	25	45
EL440KF	40	51
EL450KF	50	75



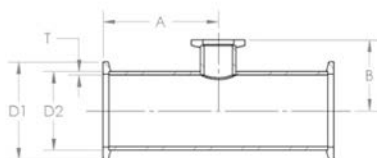
TEE - STAINLESS STEEL

P/N	DN	A	B	D1	D2	T
TE16K	16	40	40	30	20.0	2
TE25K	25	50	50	40	28.0	2
TE40K	40	65	65	55	44.5	2
TE50K	50	70	70	75	57.0	3



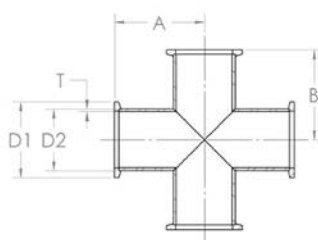
UNEQUAL TEE - STAINLESS STEEL

P/N	DN	A	B	D1	D2	T
UTE2516K	25/16	50	40	40	28.0	2
UTE4016K	40/16	65	40	55	44.5	2
UTE4025K	40/25	65	50	55	44.5	2
UTE5016K	50/16	70	50	75	57.0	3
UTE5025K	50/25	70	65	75	57.0	3
UTE5040K	50/40	70	65	75	57.0	3



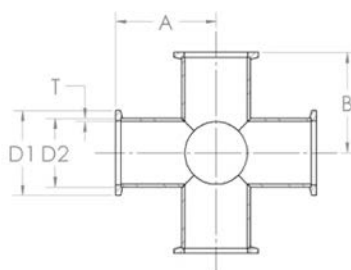
4-WAY CROSS - STAINLESS STEEL

P/N	DN	A	B	D1	D2	T
X16K	16	40	40	30	20.0	2
X25K	25	50	50	40	28.0	2
X40K	40	65	65	55	44.5	2
X50K	50	70	70	75	57.0	3



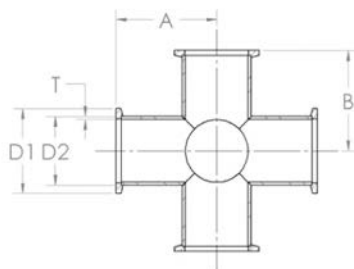
5-WAY CROSS - STAINLESS STEEL

P/N	DN	A	B	D1	D2	T
FWX16K	16	40	40	30	20.0	2
FWX25K	25	50	50	40	28.0	2
FWX40K	40	65	65	55	44.5	2
FWX50K	50	70	70	75	57.0	3



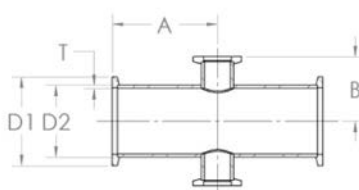
6-WAY CROSS - STAINLESS STEEL

P/N	DN	A	B	D1	D2	T
XX16K	16	40	40	30	20.0	2
XX25K	25	50	50	40	28.0	2
XX40K	40	65	65	55	44.5	2
XX50K	50	70	70	75	57.0	3



4-WAY REDUCING CROSS FIXED - STAINLESS STEEL

P/N	DN	A	B	D1	D2	T
X25K16	25/16	50	40	40	28.0	2
X40K16	40/16	65	40	55	44.5	2
X40K25	40/25	65	50	55	44.5	2
X50K16	50/16	70	50	75	57.0	3
X50K25	50/25	70	50	75	57.0	3
X50K40	50/40	70	65	75	57.0	3





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