W e . s u p p o r t . t h e

i n n o v a t i o n s . o f . c u s t o m e r s

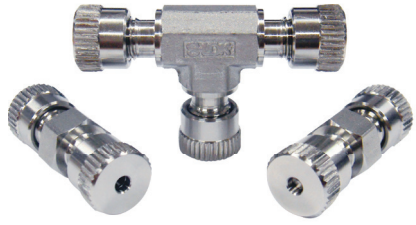
Leak - Proof Flow & Control Solution Partner

The Best Partner
for Value Creation

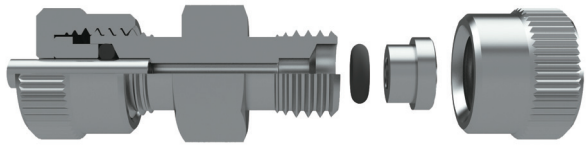
S-LOK® Ultra Vacuum Fittings

HanSun

한선엔지니어링(주)
HANSUN ENGINEERING CO., LTD.



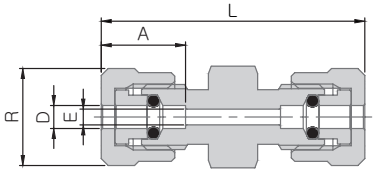
- All Stainless Steel 316 and FKM O-Ring
- Maximum Temperature Rating : up to 204˚C
- Assembled easy finger-tight. (Knurled Nut)
- The helium leak tested to a maximum leak rate of 4 x 10^{-9} atm. cc/s at ambient temperature.



Ordering Information and Dimensions

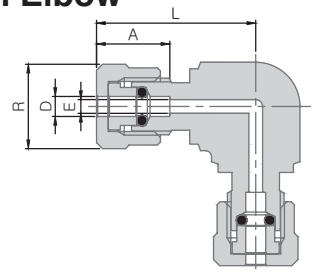
- Dimensions are for reference only and are subject to change.
- The E dimension refers to the smallest nominal inside diameter of the part.

Union UTU



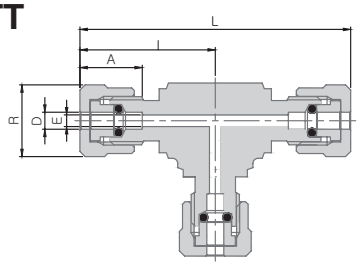
Part No.	Tube O.D D		Dimensions mm			
	in.	Mm	E	R	A	L
UTU-1	1/16	1.59	1.3	9.5	10.9	31.2
UTU-2	1/8	3.17	2.3	14.0	10.9	35.6
UTU-4	1/4	6.35	4.6	17.5	15.7	41.4
UTU-6	3/8	9.52	7.1	20.5	16.8	46.0
UTU-8	1/2	12.70	10.2	24.0	20.3	46.7
UTU-10	5/8	15.87	12.7	28.5	21.3	46.7
UTU-12	3/4	19.05	15.7	31.5	23.9	52.1
UTU-16	1	25.40	22.1	39.5	23.9	54.6
UTU-24	11/2	38.10	35.1	52.0	23.9	57.6

Union Elbow UTL



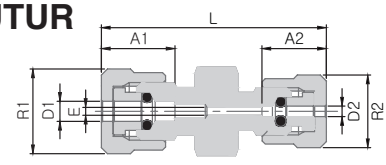
Part No.	Tube O.D D		Dimensions mm			
	in.	mm	E	R	A	L
UTL-4	1/4	6.35	4.6	17.5	15.7	29.0
UTL-6	3/8	9.52	7.1	20.5	16.8	34.5
UTL-8	1/2	12.70	10.2	24.0	20.3	34.5

Union Tee UTT



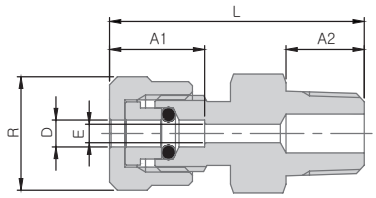
Part No.	Tube O.D D		Dimensions mm				
	in.	mm	E	R	A	I	L
UTT-2	1/8	3.17	2.3	14.0	10.9	26.9	53.8
UTT-4	1/4	6.35	4.6	17.5	15.7	29.2	58.4
UTT-6	3/8	9.52	7.1	20.5	16.8	34.5	69.1
UTT-8	1/2	12.70	10.2	24.0	20.3	34.5	69.1
UTT-12	3/4	19.05	15.7	31.5	23.9	41.9	83.8
UTT-16	1	25.40	22.1	39.5	23.9	46.2	92.4

Reducing Union UTUR



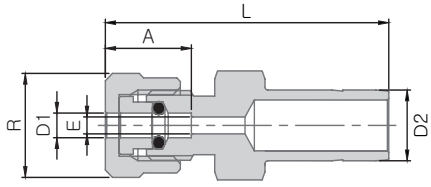
Part No.	Tube O.D D1		D2		Dimensions mm					
	in.	mm	in.	mm	E	R1	R2	A1	A2	L
UTUR-6-4	3/8	9.52	1/4	6.35	4.6	20.5	17.5	16.8	15.7	43.7
UTUR-8-4	1/2	12.70	1/4	6.35	4.6	24.0	17.5	20.3	15.7	44.4

Male Connector UTMC



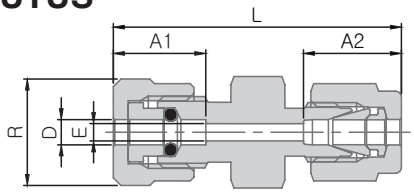
Part No.	Tube O.D D		T	Dimensions mm				
	in.	mm	NPT	E	R	B	A	L
UTMC-1-2N	1/16	1.59	1/8	1.3	9.5	9.6	10.9	28.4
UTMC-2-2N	1/8	3.17	1/8	2.3	14.0	9.6	10.9	31.0
UTMC-4-2N	1/4	6.35	1/8	4.6	17.5	9.6	15.7	34.3
UTMC-4-4N	1/4	6.35	1/4	4.6	17.5	14.2	15.7	38.9
UTMC-6-2N	3/8	9.52	1/8	4.6	20.5	9.6	16.8	36.6
UTMC-6-4N	3/8	9.52	1/4	7.1	20.5	14.2	16.8	41.1
UTMC-8-6N	1/2	12.70	3/8	10.2	24.0	14.2	20.3	41.9
UTMC-8-8N	1/2	12.70	1/2	10.2	24.0	19.1	20.3	46.7
UTMC-12-12N	3/4	19.05	3/4	15.7	31.5	19.1	23.9	49.8
UTMC-16-16N	1	25.4	1	22.1	39.5	23.9	23.9	57.2

Adapter UTA



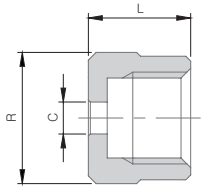
Part No.	Tube O.D D1		D2		Dimensions mm			
	in.	mm	in.	mm	E	R	A	L
UTA-1-4	1/16	1.59	1/4	6.35	1.3	9.5	10.9	28.4
UTA-2-4	1/8	3.17	1/4	6.35	2.3	14.0	10.9	30.5
UTA-2-6	1/8	3.17	3/8	9.52	2.3	14.0	10.9	30.7
UTA-4-4	1/4	6.35	1/4	6.35	4.6	17.5	15.7	34.0
UTA-4-6	1/4	6.35	3/8	9.52	4.6	17.5	15.7	33.8
UTA-4-8	1/4	6.35	1/2	12.7	4.6	17.5	15.7	37.3
UTA-6-6	3/8	9.52	3/8	9.52	7.1	20.5	16.8	37.3
UTA-6-8	3/8	9.52	1/2	12.7	7.1	20.5	16.8	40.1
UTA-8-10	1/2	12.7	5/8	15.87	10.2	24.0	20.3	41.7
UTA-8-12	1/2	12.7	3/4	19.05	10.2	24.0	20.3	42.9
UTA-12-16	3/4	19.05	1	25.4	15.7	31.5	23.9	45.2
UTA-16-20	1	25.4	11/4	31.75	22.1	39.5	23.9	45.7
UTA-24-24	11/2	38.1	11/2	38.1	35.1	52.0	23.9	50.3

S-Lok Union UTUS



Part No.	Tube O.D D		Dimensions mm				
	in.	mm	E	R	A1	A2	L
UTUS-4	1/4	6.35	4.6	17.5	15.7	15.2	42.2
UTUS-6	3/8	9.52	7.1	20.5	16.8	16.8	46.0
UTUS-10	1/2	12.7	10.2	24.0	20.3	22.9	49.5

Nut UTN

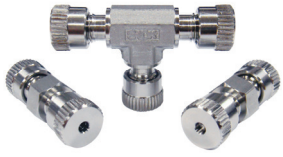


Part No.	Tube O.D D		Thread Size	Dimensions mm (in.)		
	in.	mm		C	R	L
UTN-1	1/16	1.59	1/4-20 UNC	1.3	9.5	28.4
UTN-2	1/8	3.17	3/8-20 UN	2.3	14.0	31.0
UTN-4	1/4	6.35	1/2-20 UNF	4.6	17.5	34.3
UTN-6	3/8	9.52	5/8-20 UN	4.6	17.5	38.9
UTN-8	1/2	12.70	3/4-20 UNEF	4.6	20.5	36.6
UTN-10	5/8	15.87	15/16-20 UNEF	7.1	20.5	41.1
UTN-12	3/4	19.05	11/16-20 UN	10.2	24.0	41.9
UTN-16	1	25.40	13/8-20 UN	10.2	24.0	46.7
UTN-24	11/2	38.10	17/8-20 UN	15.7	31.5	49.8

Ordering Information (Selection the applicable options from designators listed.)

UT	MC	-	8	-	8N	-	S6
Series Designator	Fittings Designator (Male Connector)		Tube O.D Designations		Thread Symbol (N-NPT)		Body Material Designator

Hansun Engineering Co., Ltd. Catalogue_Ultra Vacuum Fittings_201710



27 Noksansandan361-ro, Gangseo-gu
(Songjeong-dong), Busan, Korea
Tel : +82-51-899-6700, Fax : +82-51-899-6799
E-Mail : overseas@ehansun.co.kr
sales@ehansun.co.kr
Website : www.ehansun.co.kr, www.slok.co.kr