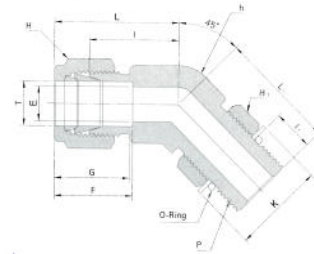


*Positionable  
SAE 45° Elbow*  
**UMVES**

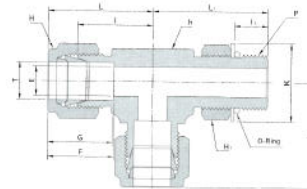


**Connects Fractional Tube to SAE Straight Thread Boss**

Part No.	Tube O.D. T		Straight Thread P(U)	E Min	h		H		H <sub>1</sub>		F	G	I	I <sub>1</sub>	L	L <sub>1</sub>	K
	in	mm			in	mm	in	mm	in	mm							
04UMVES-04U	1/4	6.35	7/16-20	4.8	1/2	12.70	9/16	14.28	9/16	14.28	15.2	17.8	18.3	9.9	25.7	25.7	16.5
06UMVES-06U	3/8	9.52	9/16-18	7.0	5/8	15.87	11/16	17.46	11/16	17.46	16.8	19.3	20.6	11.2	27.9	28.2	20.1
08UMVES-08U	1/2	12.70	3/4-16	10.0	13/16	20.63	7/8	22.22	7/8	22.22	22.9	21.8	21.8	12.7	32.0	32.3	25.7
12UMVES-12U	3/4	19.05	1-1/16-12	16.0	1-1/8	28.57	1-1/8	28.57	1-1/4	31.75	24.4	21.8	29.7	16.8	39.9	47.2	36.6
16UMVES-16U	1	25.40	1-5/16-12	22.0	1-3/8	34.92	1-1/2	38.10	1-1/2	38.10	31.2	26.4	35.3	16.8	47.5	50.5	43.9



*Positionable Male  
Run Tee*  
**UMRTS**

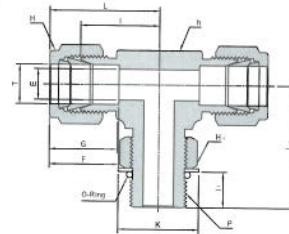


**Connects Fractional Tube to SAE Straight Thread Boss**

Part No.	Tube O.D. T		Straight Thread P(U)	E Min	h		H		H <sub>1</sub>		F	G	I	I <sub>1</sub>	L	L <sub>1</sub>	K
	in	mm			in	mm	in	mm	in	mm							
04UMRTS-04U	1/4	6.35	7/16-20	4.8	1/2	12.70	9/16	14.28	9/16	14.28	15.2	17.8	21.1	9.9	28.4	28.4	16.5
06UMRTS-06U	3/8	9.52	9/16-18	7.0	5/8	15.87	11/16	17.46	11/16	17.46	16.8	19.3	24.6	11.2	32.0	32.3	20.1
08UMRTS-08U	1/2	12.70	3/4-16	10.0	13/16	20.63	7/8	22.22	7/8	22.22	22.9	21.8	27.4	12.7	37.6	37.8	25.7
12UMRTS-12U	3/4	19.05	1-1/16-12	16.0	1-1/8	28.57	1-1/8	28.57	1-1/4	28.57	24.4	21.8	31.2	16.8	41.4	48.8	36.6
16UMRTS-16U	1	25.40	1-5/16-12	22.0	1-3/8	34.92	1-1/2	38.10	1-1/2	38.10	31.2	26.4	38.4	16.8	50.5	50.5	43.9



*Positionable Male  
Branch Tee*  
**UMBTS**



**Connects Fractional Tube to SAE Straight Thread Boss**

Part No.	Tube O.D. T		Straight Thread P(U)	E Min	h		H		H <sub>1</sub>		F	G	I	I <sub>1</sub>	L	L <sub>1</sub>	K
	in	mm			in	mm	in	mm	in	mm							
04UMBTS-04U	1/4	6.35	7/16-20	4.8	1/2	12.70	9/16	14.28	9/16	14.28	15.2	17.8	21.1	9.9	28.4	28.4	16.5
06UMBTS-06U	3/8	9.52	9/16-18	7.0	5/8	15.87	11/16	17.46	11/16	17.46	16.8	19.3	24.6	11.2	32.0	32.3	20.1
08UMBTS-08U	1/2	12.70	3/4-16	10.0	13/16	20.63	7/8	22.22	7/8	22.22	22.9	21.8	27.4	12.7	37.6	37.8	25.7
12UMBTS-12U	3/4	19.05	1-1/16-12	16.0	1-1/8	26.98	1-1/8	28.57	1-1/4	31.75	24.4	21.8	31.2	16.8	41.4	48.8	36.6
16UMBTS-16U	1	25.40	1-5/16-12	22.0	1-3/8	34.92	1-1/2	38.10	1-1/2	38.10	31.2	26.4	38.4	16.8	50.5	53.6	43.9

Note : Dimensions are reference only, subject to change without prior notice. F, G and L are typical finger tight.