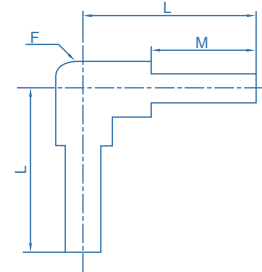


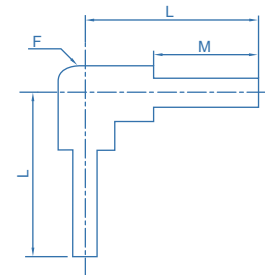
Long Elbow 90°



Tube OD in.	Wall Thickness mm	Ordering Number	Dimensions, in.(mm)			Working Pressure psig (bar)
			L	M	F	
1/4	0.035	VTW-LE4	1.23 (31.2)	0.75 (19.0)	7/16	5100 (351)
3/8	0.035	VTW-LE6	1.20 (30.5)		7/16	3300 (227)
1/2	0.049	VTW-LE8	1.34 (34.0)		11/16	3700 (254)
3/4	0.065	VTW-LE12	1.46 (37.1)		15/16	2400 (165)
1	0.065	VTW-LE16	1.34 (34.0)		1-1/4	1900 (130)

To order fittings manufactured for Surface Finish Ra(Average)<0.4 add BA to the ordering number.
Example: VTW-LE4-BA

Reducing Long Elbow

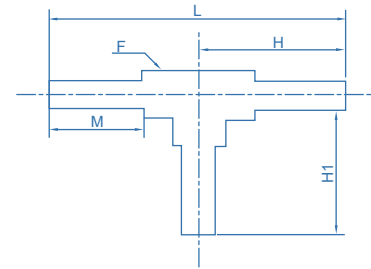


Tube OD in.	Wall Thickness in.	Tube OD in.	Wall Thickness mm	Ordering Number	Dimensions, in.(mm)			Working Pressure psig (bar)
					L	M	F	
3/8	0.039	1/4	0.039	VTW-RLE6-4	0.98 (25)	0.75 (19.0)	6/16	3300 (227)
1/2	0.049	1/4	0.039	VTW-RLE8-4	1.06 (27)		7/16	3700 (254)
1/2	0.049	3/8	0.039	VTW-RLE8-6	1.06 (27)		7/16	3300 (227)
3/4	0.065	1/4	0.039	VTW-RLE12-4	1.24 (31.5)		15/16	2400 (165)
3/4	0.065	3/8	0.039	VTW-RLE12-6	1.24 (31.5)		15/16	2400 (165)
3/4	0.065	1/2	0.049	VTW-RLE12-8	1.24 (31.5)		15/16	2400 (165)

To order fittings manufactured for Surface Finish Ra(Average)<0.4 add BA to the ordering number.
Example: VTW-RLE6-4-BA



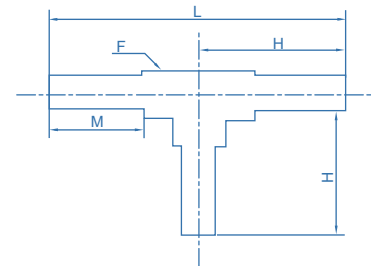
Long Tee



Tube OD in.	Wall Thickness in.	Ordering Number	Dimensions, in.(mm)				Working Pressure psig (bar)
			L	M	F	H	
1/4	0.035	VTW-LT4	2.46 (62.5)	0.75 (19.0)	7/16	1.23 (31.2)	5100 (351)
3/8	0.035	VTW-LT6	2.40 (61.0)		7/16	1.20 (30.5)	3300 (227)
1/2	0.049	VTW-LT8	2.68 (68.1)		11/16	1.34 (34.0)	3700 (254)
3/4	0.065	VTW-LT12	2.91 (73.9)		15/16	1.46 (37.1)	2400 (165)
1	0.065	VTW-LT16	2.68 (68.1)		1-1/4	1.34 (34.0)	1900 (130)

To order fittings manufactured for Surface Finish Ra(Average)<0.4 add BA to the ordering number.
Example: VTW-LT4-BA

Reducing Long Tee



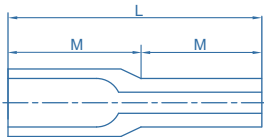
Tube OD in.	Wall Thickness in.	Tube OD	Wall Thickness mm	Ordering Number	Dimensions, in.(mm)					Working Pressure psig (bar)
					L	M	F	H	H1	
3/8	0.035	1/4	0.035	VTW-RLT6-4	2.39 (60.7)	0.75 (19.0)	7/16	1.20 (30.5)	1.23 (31.2)	3300 (227)
1/2	0.049	1/4	0.035	VTW-RLT8-4	2.67 (67.8)		11/16	1.34 (34.0)	1.34 (34.0)	3700 (254)
1/2	0.049	3/8	0.035	VTW-RLT8-6	2.67 (67.8)		11/16	1.34 (34.0)	1.35 (34.3)	3300 (227)
3/4	0.065	1/4	0.035	VTW-RLT12-4	2.91 (73.9)		15/16	1.46 (37.1)	1.48 (37.6)	2400 (165)
3/4	0.065	3/8	0.035	VTW-RLT12-6	2.91 (73.9)		15/16	1.46 (37.1)	1.48 (37.6)	2400 (165)
3/4	0.065	1/2	0.049	VTW-RLT12-8	2.48 (63.0)		15/16	1.24 (31.5)	1.24 (31.5)	2400 (165)

To order fittings manufactured for Surface Finish Ra(Average)<0.4 add BA to the ordering number.
Example: VTW-RLT6-4-BA



Dimensions are for reference only and may change without prior notice.
The product is fabricated in compliance with the VS001A process specification.

Reducing Long Union



Tube OD in.	Wall Thickness in.	Tube OD in.	Wall Thickness mm	Ordering Number	Dimensions, in.(mm)		Working Pressure psig (bar)
					L	M	
3/8	0.035	1/4	0.035	VTW-RLU6-4	1.50 (38.1)	0.75 (19.0)	3300 (227)
1/2	0.049	1/4	0.035	VTW-RLU8-4			3700 (254)
1/2	0.049	3/8	0.035	VTW-RLU8-6			3300 (227)
3/4	0.065	1/4	0.035	VTW-RLU12-4			2400 (165)
3/4	0.065	3/8	0.035	VTW-RLU12-6			2400 (165)
3/4	0.065	1/2	0.049	VTW-RLU12-8			2400 (165)
1	0.065	1/4	0.035	VTW-RLU16-4			2400 (165)
1	0.065	3/8	0.049	VTW-RLU16-6			2400 (165)
1	0.065	1/2	0.049	VTW-RLU16-8			2400 (165)
1	0.065	3/4	0.049	VTW-RLU16-12			2400 (165)

To order fittings manufactured for Surface Finish Ra(Average)<0.4 add BA to the ordering number.
Example: VTW-RLU6-4-BA

