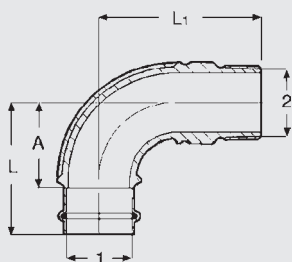
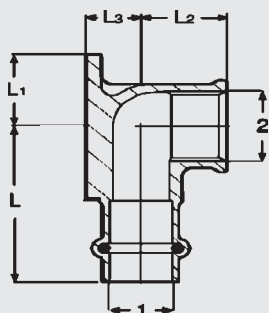


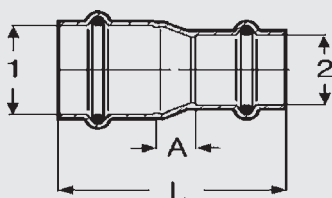
Dimensional Documentation



Elbow 90° C X M					
Stock Code	Size	Material	A (in)	L (in)	L1 (in)
	1 2				
77492	1/2"x 1/2" NPT	Bronze	0.945	1.693	1.890
77497	1/2"x 3/4" NPT	Bronze	0.945	1.693	2.047
77502	3/4"x 1/2" NPT	Bronze	0.984	1.890	1.870
77507	3/4"x 3/4" NPT	Bronze	1.102	2.008	2.323
77512	1"x 1" NPT	Bronze	1.382	2.287	2.835
77517	1-1/4"x 1-1/4" NPT	Bronze	1.870	2.894	3.465
77522	1-1/2"x 1-1/2" NPT	Bronze	2.205	3.622	3.839
77527	2"x 2" NPT	Bronze	2.756	4.331	4.724



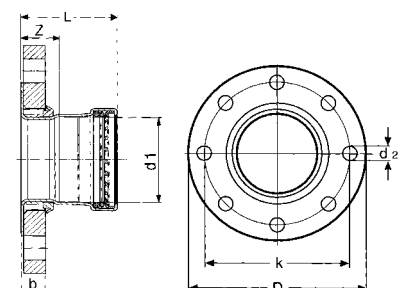
Elbow Drop 90° C X F with Wall Plate						
Stock Code	Size	Material	L(in)	L1(in)	L2(in)	L3(in)
	1 2					
77697	1/2" x 1/2" NPT	Bronze	1.732	0.835	0.866	0.512
77702	3/4" x 3/4" NPT	Bronze	2.047	1.181	1.122	0.835
22223	1/2" x 3/8" NPT	Bronze	1.77	0.83	0.51	0.73
72431	1" x 1" NPT	Bronze	2.36	0.93	0.87	1.26



Reducer C x C				
Stock Code	Size	Material	A (in)	L (in)
	1 2			
78147	3/4"x 1/2"	Copper	0.445	2.071
15603	1"x 1/2"	Copper	0.736	2.362
78152	1"x 3/4"	Copper	0.504	2.287
15593	1-1/4"x 3/4"	Copper	0.728	2.638
78157	1-1/4"x 1"	Copper	0.614	2.524
18473	1-1/2"x 3/4"	Copper	0.994	3.327
15588	1-1/2"x 1"	Copper	0.768	3.071
78162	1-1/2"x 1-1/4"	Copper	0.528	2.959
18468	2"x 3/4"	Copper	1.524	4.016
15608	2"x 1"	Copper	1.319	3.780
22328	2"x 1-1/4"	Copper	0.827	3.425
78167	2"x 1-1/2"	Copper	0.846	3.827

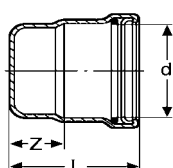
Dimensional Documentation

viega



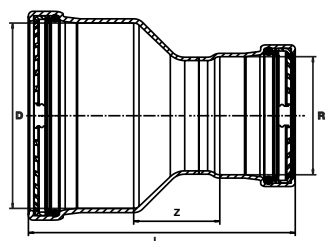
Adapter Flange P x Flange (Copper/Steel)

Stock Code	Size	Z (in)	L (in)	b (in)	k (in)	D (in)	d2 (in)
	d1						
20853	2-1/2"	1.102	2.795	0.787	5.512	7.087	0.748
20858	3"	1.201	3.169	0.787	5.984	7.480	0.748
20863	4"	1.204	3.602	0.807	7.520	9.055	0.748



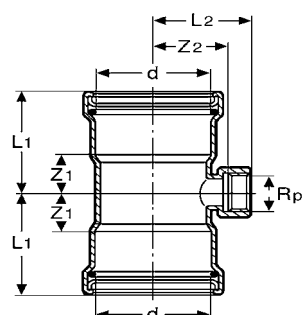
Cap P (Copper)

Stock Code	Size	Z (in)	L (in)
	d		
20833	2-1/2"	1.339	3.031
20643	3"	1.358	3.327
20848	4"	1.398	3.760



XL-C Reducer P x P (Copper)

Stock Code	Size	Z (in)	L (in)
	D R		
20685	2-1/2" x 1"	1.759	4.358
20690	2-1/2" x 1-1/4"	1.610	4.338
20695	2-1/2" x 1-1/2"	1.519	4.637
20700	2-1/2" x 2"	1.413	4.688
20705	3" x 1-1/2"	1.775	5.173
20710	3" x 2"	1.527	5.078
20715	3" x 2-1/2"	1.405	5.066
20720	4" x 2"	2.055	5.999
20725	4" x 2-1/2"	1.933	5.938
20730	4" x 3"	1.700	6.031



XL-C Reducer P x P (Copper)

Stock Code	Size	Z1 (in)	Z2 (in)	L1 (in)	L2 (in)
	d d Rp				
20868	4" x 4" x 2"	1.594	2.598	3.957	3.287
20873	4" x 4" x 3/4"	0.965	2.461	3.327	3.071
20878	2-1/2" x 2-1/2" x 2"	1.535	1.831	3.228	2.520
20883	2-1/2" x 2-1/2" x 3/4"	0.906	1.693	2.598	2.303
20893	3" x 3" x 3/4"	0.925	1.949	2.894	2.559
20888	3" x 3" x 3"	1.555	1.984	3.523	2.854

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