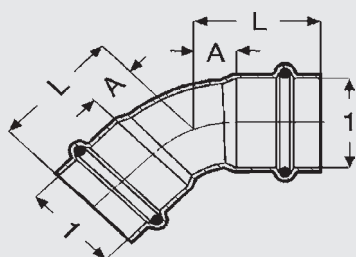
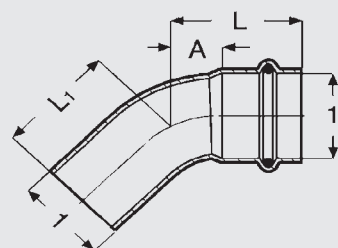


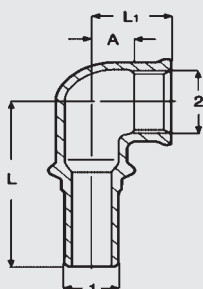
Dimensional Documentation



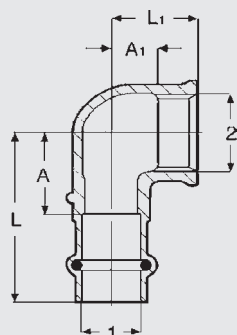
Elbow 45° C x C				
Stock Code	Size	Material	A (in)	L (in)
	1			
77607	1/2"	Copper	0.295	1.043
77612	3/4"	Copper	0.433	1.339
77617	1"	Copper	0.551	1.457
77622	1-1/4"	Copper	0.685	1.709
77627	1-1/2"	Copper	0.823	2.240
77632	2"	Copper	1.059	2.634



Elbow 90° FTG x C					
Stock Code	Size	Material	A (in)	L (in)	L1 (in)
	1				
77637	1/2"	Copper	0.311	1.059	1.098
77642	3/4"	Copper	0.433	1.339	1.374
77647	1"	Copper	0.551	1.457	1.492
77652	1-1/4"	Copper	0.685	1.709	1.787
77657	1-1/2"	Copper	0.823	2.240	2.319
77662	2"	Copper	1.059	2.634	2.709

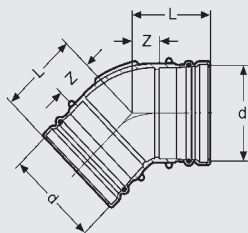


Elbow 90° FTG x F					
Stock Code	Size	Material	A (in)	L (in)	L1 (in)
	1 2				
77577	1/2" x 1/2" NPT	Bronze	0.331	2.008	0.866

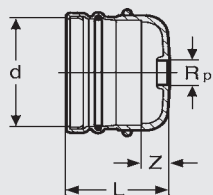


Elbow 90° C x F						
Stock Code	Size	Material	A (in)	A1 (in)	L (in)	L1 (in)
	1 2					
22193	1/2" x 3/8" NPT	Bronze	0.945	0.295	1.693	0.728
77532	1/2" x 1/2" NPT	Bronze	0.984	0.331	1.732	0.866
77537	1/2" x 3/4" NPT	Bronze	1.142	0.409	1.890	0.965
77542	3/4" x 3/4" NPT	Bronze	1.150	0.488	2.055	1.043
77547	3/4" x 1/2" NPT	Bronze	1.142	0.472	2.047	1.004
22203	1" x 1/2" NPT	Bronze	1.299	0.709	2.205	1.260
77552	1" x 1" NPT	Bronze	1.417	0.618	2.323	1.280
22198	1-1/4" x 1/2" NPT	Bronze	1.260	0.728	2.283	1.260
77557	1-1/4" x 1-1/4" NPT	Bronze	1.575	0.841	2.598	1.516
77562	1-1/2" x 1-1/2" NPT	Bronze	1.614	1.012	3.031	1.693
77567	2" x 2" NPT	Bronze	2.244	1.469	3.819	2.165

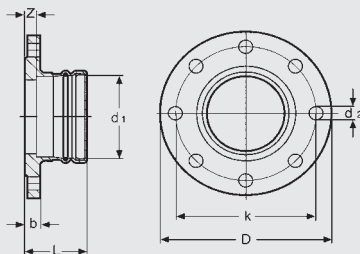
Dimensional Documentation



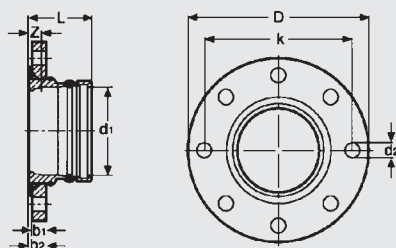
Elbow 45° C x C				
Stock Code	Material	Size	Z (in)	L (in)
		d		
91417	Bronze	2-1/2"	1.083	3.248
91422	Bronze	3"	1.181	3.346
91427	Bronze	4"	1.358	3.917



Cap C				
Stock Code	Material	Size	Z (in)	L (in)
		d Rp		
91432	Bronze	2-1/2"x 3/4" NPT	0.827	2.992
91437	Bronze	3"x 3/4" NPT	0.846	3.012
91442	Bronze	4"x 3/4" NPT	0.945	3.504

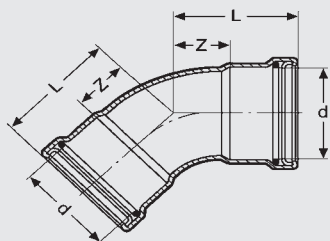


Adapter Flange C x Flange (old version)								
Stock Code	Material	Size	Z (in)	L (in)	b (in)	d2 (in)	D (in)	k (in)
		d1						
91567		2-1/2"	0.827	21	2.933	0.571	0.748	7.008
91572		3"	0.866	22	2.953	0.630	0.748	7.500
91577		4"	0.551	14	3.051	0.689	0.748	9.016

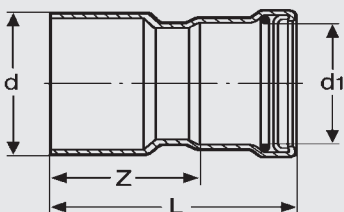


Adapter Flange C x Flange (new version)									
Stock Code	Material	Size	Z (in)	L (in)	b1 (in)	b2 (in)	k (in)	D (in)	d2 (in)
		d1							
19728	Bronze	2-1/2"	0.984	3.091	0.787	0.827	5.512	7.087	0.748
19733	Bronze	3"	1.024	3.150	0.787	0.906	5.984	7.480	0.748
19738	Bronze	4"	0.630	3.150	0.807	0.906	7.520	9.055	0.748

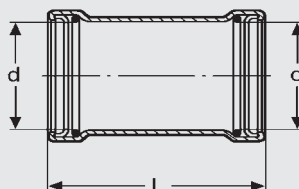
Dimensional Documentation



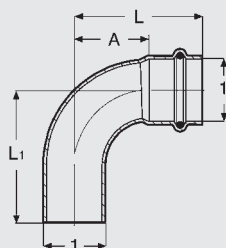
Elbow 45° C x C				
Stock Code	Material	Size	Z (in)	L (in)
		d		
20653	Copper	2-1/2"	1.476	3.169
20658	Copper	3"	1.732	3.701
20663	Copper	4"	2.224	4.587



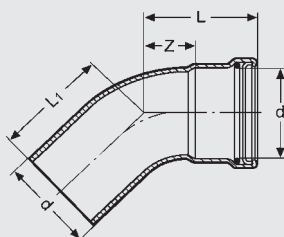
Reducer FTG X C				
Stock Code	Material	Size	Z (in)	L (in)
		d d1		
20758	Copper	2-1/2" x 2"	2.264	3.858
20763	Copper	3" x 2"	2.815	4.409
20768	Copper	3" x 2-1/2"	2.559	4.252
20773	Copper	4" x 2"	4.232	5.807
20778	Copper	4" x 2-1/2"	4.173	5.787
20783	Copper	4" x 3"	3.957	5.846
20813	Copper	2-1/2" x 1-1/2"	2.480	3.937
20818	Copper	3" x 1-1/2"	3.346	4.803



Coupling C x C No Stop			
	Material	Size	L (in)
		d	
20743	Copper	2-1/2"	4.331
20748	Copper	3"	4.921
20753	Copper	4"	5.787



Elbow 90° FTG X C					
Stock Code	Material	Size	A (in)	L (in)	L1 (in)
		1			
20638	Copper	2-1/2"	3.189	4.882	4.803
20643	Copper	3"	3.760	5.728	5.630
20648	Copper	4"	4.902	7.264	7.126



Elbow 45° FTG x C					
Stock Code	Material	Size	Z (in)	L (in)	L1 (in)
		d			
20668	Copper	2-1/2"	1.476	3.169	3.091
20673	Copper	3"	1.732	3.701	3.602
20678	Copper	4"	2.224	4.587	4.449