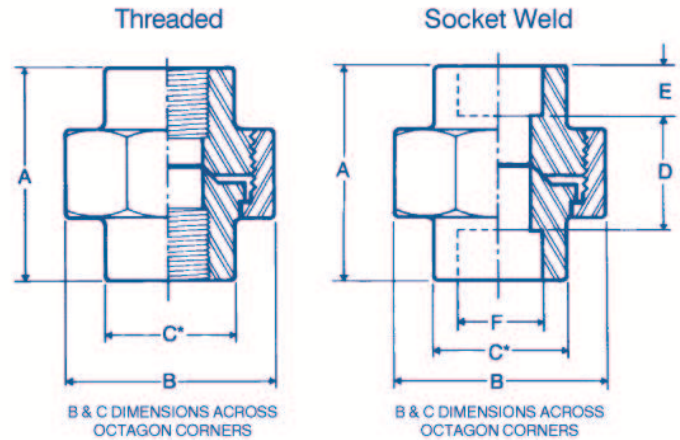
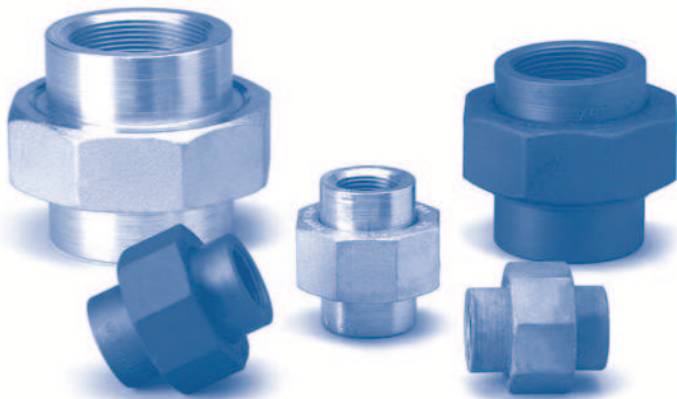


B[®] MSS-SP-83 UNIONS - THREADED & SOCKET WELD

BONNEY FORGE

CLASS 3000

CLASS 6000



* "C" dimension is across octagon corners or a diameter as applicable. The 2 1/2" and 3" 3000 and 2" 6000 sizes have octagonal male and female ends; the other sizes are round.

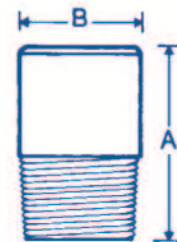
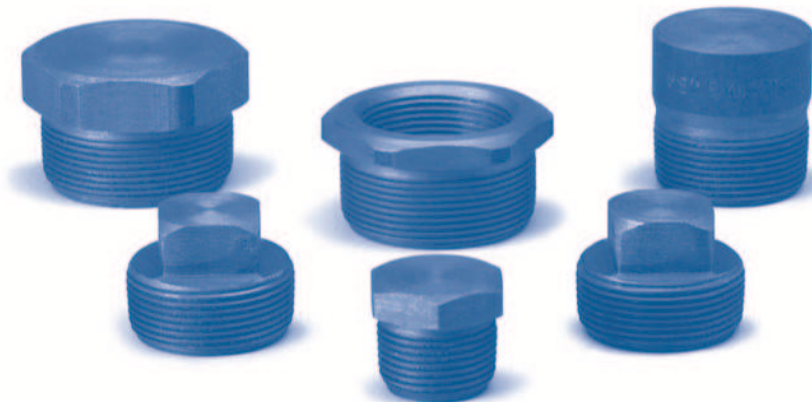
CLASS 3000	DIMENSIONS (inches)											
	NOMINAL PIPE SIZE	1/0	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
	A	1 11/16	1 11/16	1 27/32	2	2 5/16	2 7/16	2 7/8	3	3 1/2	4 1/4	4 7/16
	B	1 31/64	1 31/64	1 11/16	1 15/16	2 3/8	2 25/32	3 23/64	3 23/32	4 27/64	5 15/64	6 5/32
	C	53/64	53/64	1	1 3/16	1 15/32	1 25/32	2 7/32	2 35/64	3 1/16	3 9/16	4 9/32
	D	25/32	25/32	31/32	1 3/32	1 5/32	1 3/8	1 45/64	1 7/8	2 1/16	2 3/8	2 7/16
	E	7/16	7/16	7/16	7/16	9/16	9/16	9/16	9/16	11/16	7/8	1
	F	.420	.555	.690	.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535
	WEIGHT PER UNION (pounds)											
		.38	.36	.50	.695	1.175	1.64	2.59	3.41	5.12	8.75	12.625

CLASS 6000	DIMENSIONS (inches)											
	NOMINAL PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2		
	A	1 11/16	1 27/32	2	2 5/16	2 7/16	2 7/8	3	3 1/2	4 1/8		
	B	1 31/64	1 11/16	1 15/16	2 3/8	2 25/32	3 23/64	3 23/32	4 27/64	5 15/64		
	C	53/64	1	1 3/16	1 15/32	1 25/32	2 7/32	2 35/64	3 1/16	3 9/16		
	D	25/32	31/32	1 3/32	1 5/32	1 3/8	1 45/64	1 7/8	2 1/16	2 3/8		
	E	7/16	7/16	7/16	9/16	9/16	9/16	9/16	11/16	7/8		
	F	.420	.555	.690	.855	1.065	1.330	1.675	1.915	2.406		
	WEIGHT PER UNION (pounds)											
		.5	.56	.75	1.25	1.75	3	3.75	6.0	10.5		

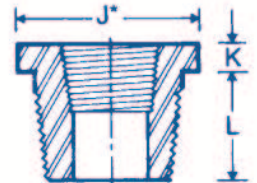
B[®] THREADED PLUGS & BUSHINGS

BONNEY FORGE

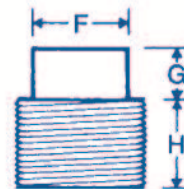
CLASS 3000/6000



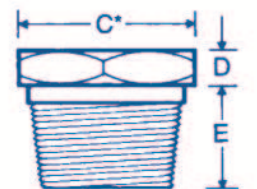
Round Head Plug



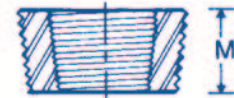
Hexagon Bushing



Square Head Plug



Hexagon Plug



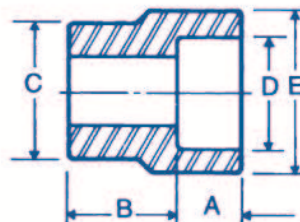
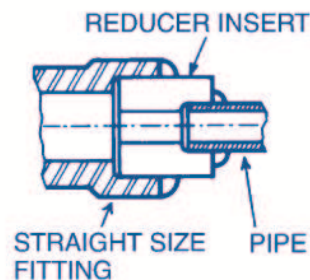
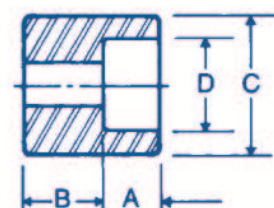
Flush Bushing

DIMENSIONS (Inches)												
NOMINAL PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
A	1 3/8	1 5/8	1 5/8	1 3/4	1 3/4	2	2	2	2 1/2	2 3/4	2 3/4	3
B	13/32	17/32	11/16	27/32	11/16	15/16	111/16	129/32	23/8	27/8	3 1/2	4 1/2
C *	7/16	5/8	11/16	7/8	11/16	17/16	113/16	2	2 1/2	3	3 3/4	4 5/8
D	1/4	1/4	5/16	5/16	3/8	3/8	9/16	5/8	11/16	3/4	13/16	1 1/4
E	7/16	1/2	9/16	11/16	3/4	27/32	7/8	15/16	1	1 1/4	1 9/16	1 21/32
F	9/32	3/8	7/16	9/16	5/8	13/16	15/16	1 1/8	1 5/16	1 1/2	1 11/16	2 1/2
G	1/4	1/4	5/16	3/8	7/16	1/2	9/16	5/8	11/16	3/4	13/16	1 1/4
H	3/8	7/16	1/2	9/16	5/8	3/4	13/16	13/16	7/8	1 1/16	1 1/8	1 3/8
J		5/8	11/16	7/8	1 1/16	1 7/16	1 13/16	2	2 1/2	3	3 3/4	4 5/8
K		3/16	3/16	3/16	1/4	1/4	3/8	3/8	3/8	1/2	13/16	1 1/4
L		1/2	9/16	11/16	3/4	27/32	7/8	15/16	1	1 1/4	1 9/16	1 21/32
M		7/16	1/2	9/16	5/8	3/4	13/16	13/16	7/8	1 1/16	1 1/8	1 1/4
N	3/8	7/16	1/2	9/16	5/8	3/4	13/16	13/16	7/8	1 1/16	1 1/8	1 1/4
WEIGHT (pounds)												
ROUND HEAD PUGS	.125	.125	.188	.250	.375	.750	1.125	1.563	3.00	4.75	7.62	12.87
HEXAGON PLUGS	.063	.063	.125	.188	.313	.500	1.125	1.375	2.25	3.87	5.87	13.00
SQUARE HEAD PLUGS	.016	.031	.063	.125	.188	.313	.563	.875	1.50	2.25	2.87	7.18
HEXAGON BUSHINGS		.063	.063	.063	.125	.188	.375	.688	1.62	2.37	3.50	8.31
FLUSH BUSHINGS		.063	.063	.063	.125	.125	.125	.188	.37	.62	1.00	2.00

* Dimension J for Hex Head Bushing and dimension C for Hex Head Plug are the same.

Socket Weld Reducers Inserts (MSS-SP79) BONNEY FORGE

CLASS 3000
CLASS 6000
CLASS 9000

TYPE 1

TYPE 2


NOMINAL PIPE SIZE	CLASS 3000						CLASS 6000				CLASS 9000			
	C	D	Ftg. Type	A	B	E	Ftg. Type	A	B	E	Ftg. Type	A	B	E
3/8 x 1/4	.675	.555	1	7/16	3/4	15/16	1	7/16	7/8	1				
1/2 x 3/8	.850	.690	1	7/16	13/16	1 1/16	1	7/16	15/16	1 3/16				
1/2 x 1/4	.850	.555	1	7/16	13/16	15/16	1	7/16	7/8	1				
3/4 x 1/2	1.060	.855	1	7/16	7/8	1 5/16	1	7/16	1 1/16	1 3/8	1	7/16	1 3/16	1 3/4
3/4 x 3/8	1.060	.690	2	7/16	5/8	-	1	7/16	7/8	1 3/16				
3/4 x 1/4	1.060	.555	2	3/8	1 1/16	-	2	3/8	7/8	-				
1 x 3/4	1.325	1.065	1	9/16	1 5/16	1 1/2	1	9/16	1 1/8	1 11/16	1	9/16	1 1/4	2
1 x 1/2	1.325	.855	2	1/2	5/8	-	1	7/16	1 1/8	1 3/8	1	7/16	1 1/8	1 3/4
1 x 3/8	1.325	.690	2	7/16	1 1/16	-	2	1/2	7/8	-				
1 x 1/4	1.325	.555	2	3/8	3/4	-	2	3/8	1 5/16	-				
1 1/4 x 1	1.670	1.330	1	9/16	1	1 7/8	1	9/16	1 3/16	2	1	9/16	1 3/8	2 3/8
1 1/4 x 3/4	1.670	1.065	2	9/16	1 1/16	-	2	9/16	1 3/16	-	1	9/16	1 3/16	2
1 1/4 x 1/2	1.670	.855	2	1/2	3/4	-	2	1/2	7/8	-	2	1/2	7/8	-
1 1/4 x 3/8	1.670	.690	2	7/16	1 3/16	-	2	7/16	1 5/16	-				
1 1/4 x 1/4	1.670	.555	2	3/8	7/8	-	2	3/8	1	-				
1 1/2 x 1 1/4	1.910	1.675	1	9/16	1 1/8	2 1/4	1	9/16	1 3/8	2 3/8	1	9/16	1 5/8	2 3/4
1 1/2 x 1	1.910	1.330	2	5/8	1 1/16	-	1	9/16	1 3/16	2	1	9/16	1 3/8	2 3/8
1 1/2 x 3/4	1.910	1.065	2	9/16	3/4	-	2	9/16	1	-	2	9/16	1	-
1 1/2 x 1/2	1.910	.855	2	1/2	1 3/16	-	2	1/2	1 1/16	-	2	9/16	1	-
1 1/2 x 3/8	1.910	.690	2	7/16	7/8	-	2	7/16	1 1/8	-				
2 x 1 1/2	2.385	1.915	1	9/16	1 1/4	2 1/2	1	9/16	1 7/8	2 11/16	1	9/16	2 1/16	3
2 x 1 1/4	2.385	1.675	2	1 1/16	1 3/16	-	2	7/8	1 5/16	-	1	9/16	2	2 3/4
2 x 1	2.385	1.330	2	5/8	7/8	-	2	1 3/16	1	-	2	1 3/16	1	-
2 x 3/4	2.385	1.065	2	9/16	1 5/16	-	2	3/4	1 1/16	-	2	3/4	1 1/16	-
2 x 1/2	2.385	.855	2	1/2	1	-	2	1 1/16	1 1/8	-	2	1 1/16	1 1/8	-

Note: Socket Weld Reducer Inserts comply fully with MSS-SP-79

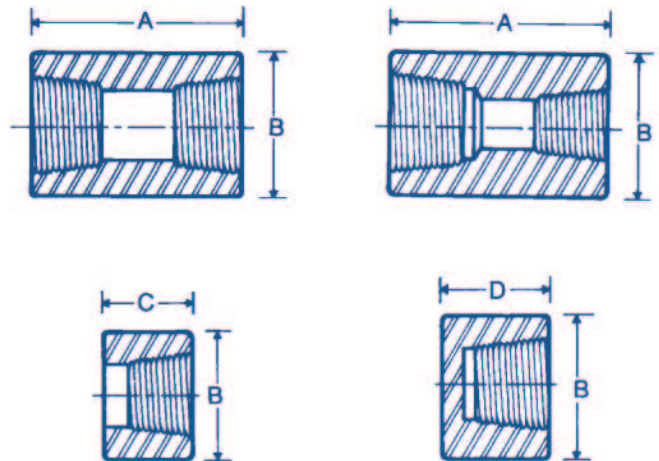


THREADED COUPLINGS, REDUCERS & CAPS

BONNEY FORGE

CLASS 3000

CLASS 6000



CLASS 3000	DIMENSIONS (inches)												
	NOMINAL PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/4	1 3/8	1 1/2	1 7/8	2	2 3/8	2 5/8	3 1/8	3 3/8	3 5/8	4 1/4	4 3/4
	B	3/4	3/4	7/8	1 1/8	1 3/8	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5 1/2
	C	5/8	11/16	3/4	15/16	1	1 3/16	1 5/16	1 9/16	1 11/16	1 13/16	2 1/8	2 3/8
	D	15/16	1	1	1 1/4	1 7/16	1 5/8	1 3/4	1 3/4	1 7/8	2 3/8	2 9/16	2 11/16
CLASS 3000	WEIGHT (pounds)												
	COUPLING	.125	.125	.25	.25	.438	.625	1.563	2.188	3.125	4	6.75	16.75
	REDUCER	.125	.125	.25	.25	.438	.625	1.563	2.188	3.125	4	6.75	16.75
	HALF COUPLING	.063	.063	.188	.188	.25	.313	.75	1.125	1.563	2	3.375	8.375
	PIPE CAP	.031	.063	.125	.25	.313	.50	1	1.625	3.125	5	8.50	14

CLASS 6000	DIMENSIONS (inches)												
	NOMINAL PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	1 1/4	1 3/8	1 1/2	1 7/8	2	2 3/8	2 5/8	3 1/8	3 3/8	3 5/8	4 1/4	4 3/4
	B	7/8	1	1 1/4	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	C	5/8	11/16	3/4	15/16	1	1 3/16	1 5/16	1 9/16	1 11/16	1 13/16	2 1/8	2 3/8
	D	1	1 1/16	1 1/16	1 5/16	1 1/2	1 11/16	1 13/16	1 7/8	2	2 1/2	2 11/16	2 15/16
CLASS 6000	WEIGHT (pounds)												
	COUPLING	.188	.188	.25	.50	1	2.125	2.375	4.375	7.75	10.75	13.50	24.50
	REDUCER	.188	.188	.25	.50	1	2.125	2.375	4.375	7.75	10.75	13.50	24.50
	HALF COUPLING	.094	.094	.125	.25	.50	1.063	1.188	2.188	3.875	5.375	6.75	12.25
	PIPE CAP	.125	.125	.188	.313	.438	.75	1.313	1.688	3.25			

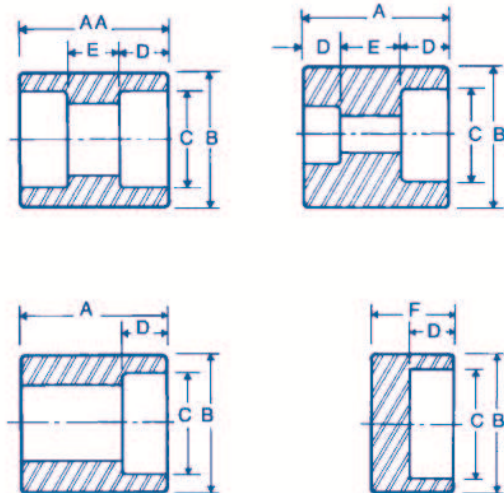


BONNEY FORGE

SOCKET WELD COUPLINGS, REDUCERS & CAPS

CLASS 3000

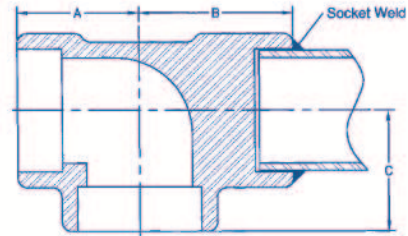
CLASS 6000



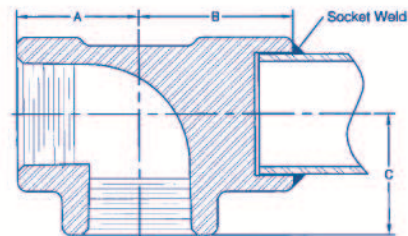
DIMENSIONS (inches)												
NOMINAL PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
A	1 1/8	1 1/8	1 1/8	1 3/8	1 1/2	1 3/4	1 7/8	2	2 1/2	2 1/2	2 3/4	3
AA	1 1/32	1 1/32	1 1/32	1 9/64	1 13/32	1 33/64	1 33/64	1 33/64	2 1/64	2 1/64	2 1/64	2 17/64
B	3/4	7/8	1 1/16	1 1/4	1 1/2	1 13/16	2 1/4	2 1/2	3	3 5/8	4 5/16	5 1/2
C	.420	.555	.690	.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
D	7/16	7/16	7/16	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
E	1/4	1/4	1/4	3/8	3/8	1/2	1/2	1/2	3/4	3/4	3/4	3/4
F	11/16	3/4	3/4	7/8	1	1 1/16	1 3/16	1 1/4	1 1/2	1 9/16	1 13/16	2 1/16
WEIGHT (pounds)												
COUPLING	.125	.125	.125	.188	.313	.563	.813	1	2	2.625	3.875	6.625
REDUCER	.125	.125	.125	.188	.313	.563	.813	1	2	2.625	3.875	6.625
HALF COUPLING	.125	.125	.125	.188	.313	.563	.813	1	2	2.625	3.875	6.625
PIPE CAP	.063	.063	.125	.188	.313	.563	.813	1.125	1.688	3	3.625	6.688

CLASS 6000	DIMENSIONS (inches)												
	NOMINAL PIPE SIZE		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A		1 1/8	1 1/8	1 3/8	1 1/2	1 3/4	1 7/8	2	2 1/2	2 1/2	2 3/4	3
	AA		1 1/8	1 1/8	1 5/32	1 13/32	1 33/64	1 33/64	1 33/64	2 1/64	2 1/64	2 1/64	2 17/64
	B		1 1/16	1 5/16	1 1/2	1 3/4	2 1/4	2 1/2	3	3 5/8	4 1/4	5	6 1/4
	C		.555	.690	.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
	D		7/16	7/16	1/2	9/16	5/8	11/16	3/4	7/8	7/8	1	1 1/8
	E		1/4	1/4	3/8	3/8	1/2	1/2	1/2	3/4	3/4	3/4	3/4
	F		15/16	15/16	1	1 1/16	1 1/4	1 5/16	1 3/8	1 5/8	1 11/16	1 15/16	2 5/16
	WEIGHT (pounds)												
COUPLING				.375	.563	1	1.438	2	3.875	5.50	6.625	13.125	
REDUCER				.375	.563	1	1.438	2	3.875	5.50	6.625	13.125	
HALF COUPLING				.375	.563	1	1.438	2	3.875	5.50	6.625	13.125	
PIPE CAP				.375	.50	1.125	1.125	2.25	3.50	5.625	6	13.50	

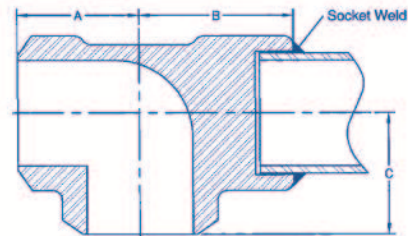
QUIKLEG90™ - SOCKET WELD - THREADED - BUTT WELD BONNEY FORGE

CLASS 3000
CLASS 6000
STD-XSTG


Socket Weld



Threaded



Butt Weld

CLASS 3000	DIMENSIONS (inches)	SOCKET WELD						THREADED					
	NOMINAL PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2	1/2	3/4	1	1 1/4	1 1/2	2
	A Nominal	-	1 1/2	1 1/2	1 3/4	2	2 3/8	1 1/2	1 1/2	1 3/4	2	2 3/8	2 1/2
	B Nominal	-	1 7/8	1 7/8	2 3/16	2 1/2	3	1 7/8	1 7/8	2 3/16	2 1/2	3	3 1/8
	C Nominal	-	1 1/2	1 1/2	1 3/4	2	2 3/8	1 1/2	1 1/2	1 3/4	2	2 3/8	2 1/2

CLASS 6000	DIMENSIONS (inches)	SOCKET WELD						THREADED					
	NOMINAL PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2	1/2	3/4	1	1 1/4	1 1/2	2
	A Nominal	-	1 1/2	1 3/4	2	2 3/8	2 1/2	1 1/2	1 3/4	2	2 3/8	2 1/2	-
	B Nominal	-	1 7/8	2 3/16	2 1/2	3	3 1/8	1 7/8	2 3/16	2 1/2	3	3 1/8	-
	C Nominal	-	1 1/2	1 3/4	2	2 3/8	2 1/2	1 1/2	1 3/4	2	2 3/8	2 1/2	-

STD-XSTG	DIMENSIONS (inches)	BUTT WELD					
	NOMINAL PIPE SIZE	2	2 1/2	3	4		
	A Nominal	2 3/8	3	3 3/8	4 3/16		
	B Nominal	3	3	3 3/8	4 3/16		
	C Nominal	2 3/8	3	3 3/8	4 3/16		

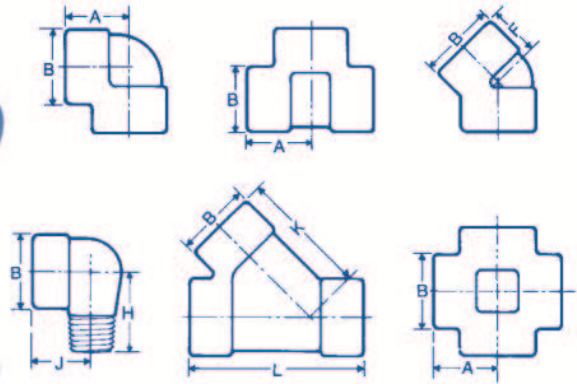
B[®] THREADED FITTINGS

BONNEY FORGE

CLASS 2000

CLASS 3000

CLASS 6000



CLASS 2000	DIMENSIONS (Inches)													
	NOMINAL PIPE SIZE		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	90EL TEE STEL LAT	A		7/8	31/32	1 1/8	15/16	1 1/2	1 3/4	2	2 3/8	3	3 3/8	4 3/16
		B		29/32	1 1/16	15/16	19/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16	5 3/4
		F		3/4	3/4	1	1 1/8	1 1/4	15/16	1 3/8	1 11/16	2 1/16	2 1/2	3 1/8
	45EL CROSS	A		7/8	31/32	1 1/8	15/16	1 1/2	1 3/4	2	2 3/8	3 1/4	3 3/4	4 1/2
		B		29/32	1 1/16	15/16	19/16	1 27/32	2 7/32	2 1/2	3 1/32	4	4 3/4	6
		F		3/4	3/4	1	1 1/8	1 1/4	15/16	1 3/8	1 11/16	2 1/16	2 1/2	3 1/8
	WEIGHT (pounds)													
	90° ELBOW		.25	.198	.283	.500	.773	1.013	1.550	2.180	3.140	6.50	10.925	26.675
45° ELBOW		.125	.188	.236	.435	.740	1.058	1.375	1.740	2.883	7.75	11.313	19.125	
TEE		.25	.267	.373	.613	.963	1.355	2.030	2.800	4.456	9.530	12.908	28.700	
CROSS		.50	.50	.460	.777	1.125	1.688	2.450	3.188	5.560	16.438	19.50	32.688	

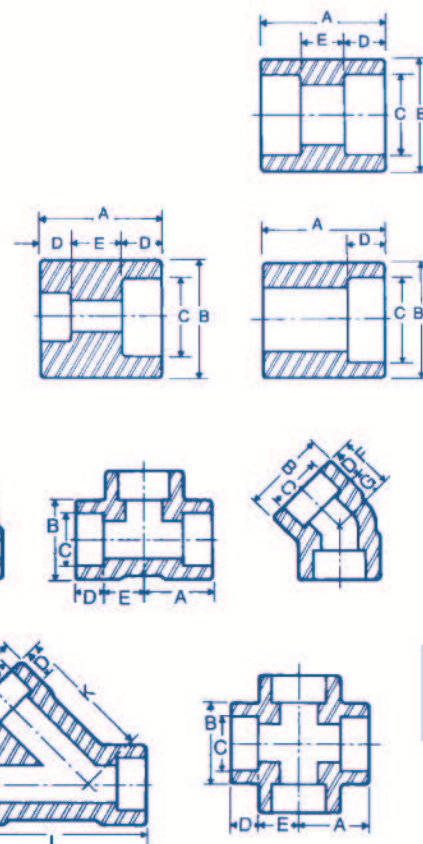
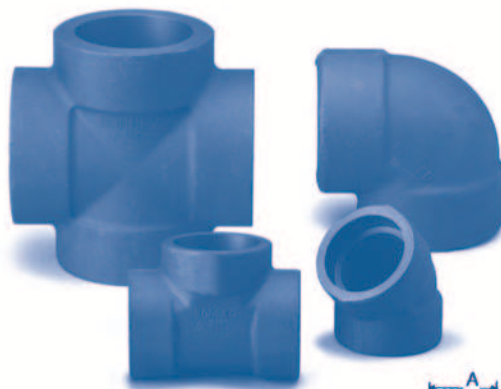
CLASS 3000	DIMENSIONS (Inches)												
	NOMINAL PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	A	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 1/2
	B	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	6
	F	3/4	3/4	1	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	1 3/4	2 1/16	2 1/2	3 1/8
	H	1 1/4	1 1/4	1 1/2	1 5/8	1 7/8	2 1/4	2 5/8	2 15/16	3 5/16			
	J	7/8	7/8	1	1 1/8	1 3/8	1 3/4	2	2 1/8	2 1/2			
	K		1 7/8	2 1/8	2 9/16	3	3 1/2	3 15/16	4 3/4	5			
	L		2 11/16	3	3 9/16	4 1/8	4 13/16	5 3/8	6 7/16	6 5/8			
	WEIGHT (pounds)												
90° ELBOW	.236	.350	.592	.973	1.355	2.265	2.407	3.50	5.920	11.900	14.438	31.975	
45° ELBOW	.25	.290	.50	.75	1.188	1.988	2.235	3.00	4.930	7.375	13.558	19.063	
TEE	.325	.460	.753	1.270	1.830	3.025	3.620	7.040	7.550	13.125	23.100	40.000	
STREET ELBOW	.264	.242	.375	.595	1.048	1.438	2.340	3.00	5.461				
LATERAL		.625	1.313	1.75	2.75	4.625	5.50	10.813	11.5				
CROSS	.438	.567	.970	1.50	2.50	3.620	4.125	6.50	8.125	16.75	25.675	32	

CLASS 6000	DIMENSIONS (inches)													
	NOMINAL PIPE SIZE		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
	90EL TEE	A	31/32	1 1/8	15/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 3/16	4 1/2
	STEL LAT	B	1 1/16	15/16	19/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	5 3/4	6
		F	3/4	1	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	1 3/4	2 1/16	2 1/2	3 1/8	3 1/8
		H	1 1/4	1 1/2	1 5/8	1 7/8	2 1/4	2 5/8	2 15/16	3 5/16				
	45EL	A	31/32	1 1/8	15/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 1/2	4 1/2
	CROSS	B	1 1/16	15/16	19/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4	6	6
		F	3/4	1	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	1 3/4	2 1/16	2 1/2	3 1/8	3 1/8
		J	7/8	1	1 1/8	1 3/8	1 3/4	2	2 1/8	2 1/2				
	K			2 9/16	3	3 1/2	3 15/16	4 3/4	5					
	L			3 9/16	4 1/8	4 13/16	5 3/8	6 7/16	6 5/8					
WEIGHT (pounds)														
	90° ELBOW		.25	.625	1.023	1.625	2.625	3.50	6.75	7.50	13.438	20.875	39.050	38
	45° ELBOW		.25	.640	.50	1.438	2.188	2.785	4.688	5.75	9.50	15	30.563	29
	TEE		.50	.853	1.410	2.150	3.563	4.625	7.625	9.625	18.500	28.063	47.500	50
	STREET ELBOW			.375	.438	1	1.625	3.030	3.688	7.120				
	LATERAL				2.375	3.25	5.438	7.188	12.313	15.95				
	CROSS		.563	1.188	1.50	2.75	4.313	6.625	10.75	11.50	22.188	27.50	54	43.50

B[®] SOCKET WELD FITTINGS

BONNEY FORGE

CLASS 9000



CLASS 9000 XXS BORE- 90° ELBOW						
DIMENSIONS (Inches)						
NOMINAL PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2
A	1 1/2	1 3/4	2	2 3/8	2 1/2	3
B	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	3 11/16
(MIN.) D	3/8	1/2	1/2	1/2	1/2	5/8
E	1	1 1/8	1 1/4	1 3/8	1 1/2	2 1/8
WEIGHT (pounds)						
Weight	1.44	2.25	3.19	5.25	6.69	6.69

CLASS 9000 XXS BORE- TEE						
DIMENSIONS (Inches)						
NOMINAL PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2
A	1 1/2	1 3/4	2	2 3/8	2 1/2	3
B	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	3 11/16
(MIN.) D	3/8	1/2	1/2	1/2	1/2	5/8
E	1	1 1/8	1 1/4	1 3/8	1 1/2	2 1/8
WEIGHT (pounds)						
Weight	2.00	3.31	3.75	6.50	7.88	8.75

CLASS 9000 XXS BORE- 45° ELBOW						
DIMENSIONS (Inches)						
NOMINAL PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2
B	1 27/32	2 7/32	2 1/2	3 1/32	3 3/8	4
(MIN.) D	5/8	9/16	9/16	13/16	3/4	15/16
F	1 1/4	1 5/16	1 3/8	1 11/16	1 3/4	2 1/16
G	5/8	3/4	13/16	7/8	1	1 1/8
WEIGHT (pounds)						
Weight	1.31	2.06	2.50	4.31	4.81	9.62

CLASS 9000 XXS BORE- LATERAL						
DIMENSIONS (Inches)						
NOMINAL PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2
B	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	
(MIN.) D	9/16	5/8	11/16	7/8	7/8	
K	3	3 1/2	3 15/16	4 3/4	5	
L	4 1/8	4 13/16	5 3/8	6 7/16	6 5/8	
WEIGHT (pounds)						
Weight	1.75	2.38	3.75	6.88	6.88	

DIMENSIONS C - COMMON TO ALL FITTINGS (Inches)						
NOMINAL PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2
C	.855	1.065	1.330	1.675	1.915	2.406

CLASS 9000 XXS BORE- CROSS						
DIMENSIONS (Inches)						
NOMINAL PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2
A	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4
B	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4
(MIN.) D	1/2	5/8	3/4	1	1	1 1/8
E	1	1 1/8	1 1/4	1 3/8	1 1/2	2 1/8
WEIGHT (pounds)						
Weight	2.50	4.12	4.12	5.12	9.44	22.19

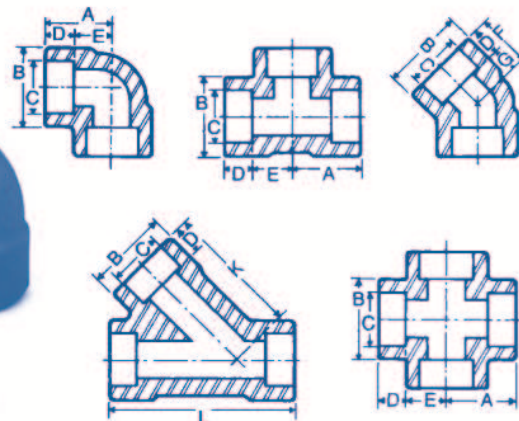
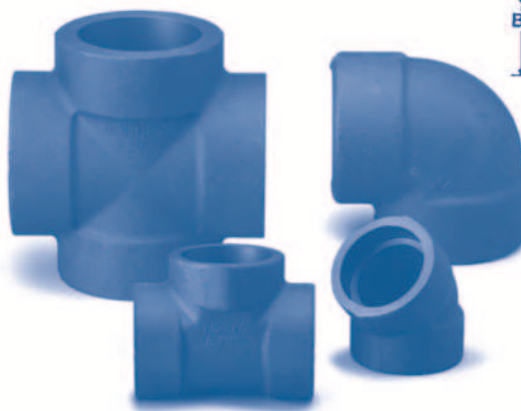
CLASS 9000 XXS BORE- COUPLINGS- REDUCERS- HALF COUPLING						
DIMENSIONS (Inches)						
NOMINAL PIPE SIZE	1/2	3/4	1	1 1/4	1 1/2	2
A	1 3/8	1 1/2	1 3/4	1 7/8	2	2 1/2
B	1 13/16	2	2 3/8	2 3/4	3 1/16	3 5/8
(MIN.) D	1/2	9/16	5/8	11/16	3/4	7/8
E	3/8	3/8	1/2	1/2	1/2	3/4
F						
WEIGHT (pounds)						
Coupling	.75	1.06	1.69	2.22	2.81	4.66
Reducer	.75	1.06	1.69	2.22	2.81	4.66
Half Coupling	.88	1.16	1.88	2.50	3.25	5.38

B SOCKET WELD FITTINGS

BONNEY FORGE

CLASS 3000

CLASS 6000



DIMENSIONS (Inches)												
NOMINAL PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
90° EL TEE LAT (MIN.)	A	7/8	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	3	3 3/8
	B	29/32	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/16	4 5/16
	D	3/8	3/8	3/8	3/8	1/2	1/2	1/2	5/8	5/8	5/8	3/4
	(MIN.)											
45° EL CROSS (MIN.)	A	7/8	7/8	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	3 1/4	3 3/4
	B	29/32	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	4	4 3/4
	D	3/8	3/8	3/8	3/8	1/2	1/2	1/2	5/8	5/8	5/8	3/4
	(MIN.)											
E	F	7/16	7/16	17/32	5/8	3/4	7/8	1 1/16	1 1/4	1 1/2	1 5/8	2 1/4
	G	3/4	3/4	3/4	1	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	2 1/16	2 1/2
	H	5/16	5/16	5/16	7/16	1/2	9/16	11/16	13/16	1	1 1/8	1 1/4
	J	1 1/4	1 1/4	1 1/2	1 5/8	1 7/8	2 1/4	2 5/8	2 15/16	3 5/16		
K	L	7/8	7/8	1	1 1/8	1 3/8	1 3/4	2	2 1/8	2 1/2		
				1 7/8	2 1/8	2 9/16	3	3 1/2	3 15/16	4 3/4		
				2 11/16	3	3 9/16	4 1/8	4 13/16	5 3/8	6 7/16		
DIMENSIONS C (COMMON TO ALL FITTINGS)												
	.420	.555	.690	.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
WEIGHT (pounds)												
90° ELBOW	.125	.183	.270	.460	.698	.987	1.480	2.088	3.125	6.340	10.867	25.00
45° ELBOW	.125	.198	.210	.440	.673	.935	1.365	1.63	2.71	6.75	10.50	18.188
TEE	.25	.25	.345	.540	.925	1.307	2.00	2.640	4.070	8.75	12.50	27.80
STREET ELBOW	.25	.25	.375	.50	.875	1.438	2.25	3.00	5.188			
LATERAL	.25	.25	.625	1.00	1.500	2.375	3.75	4.125	6.285			
CROSS	.25	.25	.375	.813	1.125	1.550	2.25	3.063	5.125	18.00	23.00	40.00

DIMENSIONS (Inches)												
NOMINAL PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4
A	B	31/32	1 1/8	1 5/16	1 1/2	1 3/4	2	2 3/8	2 1/2	3 1/4	3 3/4	4 1/2
	D	29/32	1 1/16	1 5/16	1 9/16	1 27/32	2 7/32	2 1/2	3 1/32	3 11/32	4	4 3/4
	(MIN.)	3/8	3/8	3/8	3/8	1/2	1/2	1/2	5/8	5/8	5/8	3/4
E	F	7/16	17/32	5/8	3/4	7/8	1 1/16	1 1/4	1 1/2	1 5/8	2 1/4	2 3/4
	G	3/4	3/4	1	1 1/8	1 1/4	1 5/16	1 3/8	1 11/16	1 3/4	2 1/16	2 1/2
	H	5/16	5/16	7/16	1/2	9/16	11/16	13/16	1	1 1/8	1 1/4	1 3/8
	J	1 1/4	1 1/2	1 5/8	1 7/8	2 1/4	2 5/8	2 15/16	3 5/16			
K	L	7/8	1	1 1/8	1 3/8	1 3/4	2	2 1/8	2 1/2			
				2 1/8	2 9/16	3	3 1/2	3 15/16	4 3/4			
				3	3 9/16	4 1/8	4 13/16	5 3/8	6 7/16			
DIMENSIONS C (COMMON TO ALL FITTINGS)												
	.420	.555	.690	.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535	4.545
WEIGHT (pounds)												
90° ELBOW				.938	1.440	2.348	3.188	5.25	6.660	11.875	19.25	32.70
45° ELBOW				.875	1.313	1.913	2.27	4.313	4.813	9.625	14.25	27.25
TEE				1.375	2.00	3.313	3.75	7.480	8.240	16.625	23.50	33.00
STREET ELBOW		.375	.438	1.00	1.625	2.50	3.688	6.438				
LATERAL				2.00	3.063	5.125	6.25	11.938	12.5			
CROSS				1.50	2.50	3.460	5.25	8.75	9.438	20.25	27.00	39.00