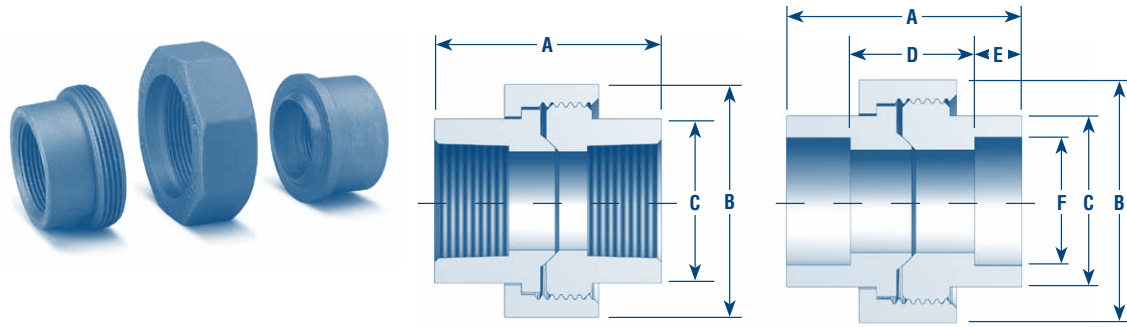


**CLASS 3000**  
**CLASS 6000**

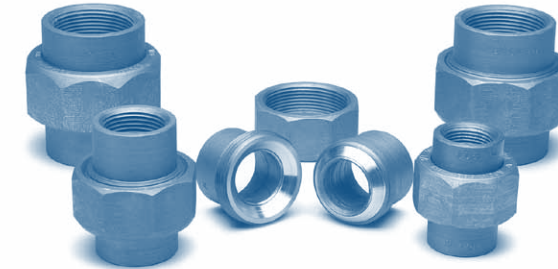


**SPECIFICATIONS:**  
**ASME B16.11**  
**ASME B1.20.1 - (NPT)**

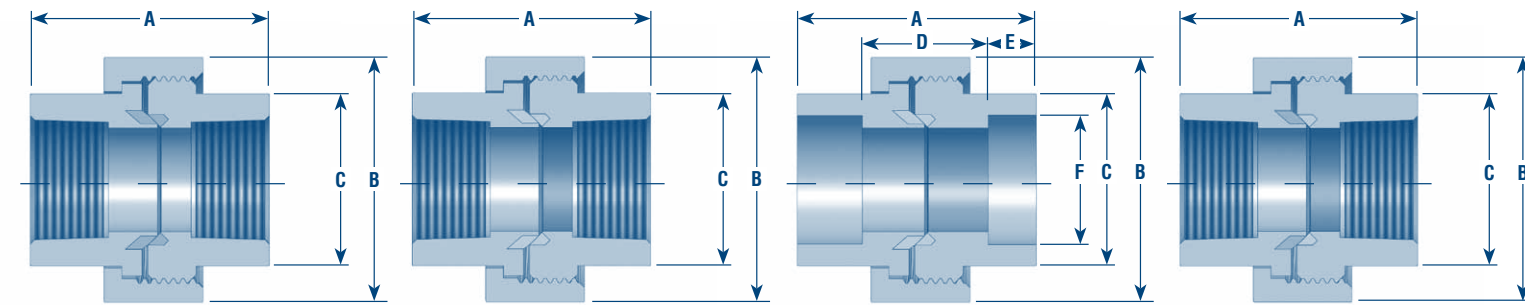
CLASS	DIMENSIONS	SIZES (INCHES)										
		1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3
3000	A	1 45/64	1 23/32	1 7/8	2	2 9/32	2 1/2	2 7/8	3 1/32	3 1/2	4 3/64	4 19/64
	B	1 3/8	1 3/8	1 9/16	1 13/16	2 11/64	2 9/16	3 1/8	3 1/2	4 1/4	4 7/8	5 3/4
	C	7/8	7/8	1 1/32	1 15/64	1 31/64	1 13/16	2 15/64	2 31/64	3 1/32	3 21/32	4 13/32
	D	61/64	31/32	1 1/8	1 1/4	1 9/32	1 1/2	1 7/8	2 1/32	2 1/4	2 51/64	3 3/64
	E MIN.	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	5/8	5/8	5/8
	F	0.420	0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	2.906	3.535
	WEIGHT	0.41	0.38	0.54	0.79	1.25	1.80	2.88	3.64	5.81	8.77	12.98
6000	A		1 7/8	1 63/64	2 19/64	2 1/2	2 7/8	3 1/64	3 17/32	4 17/64		
	B		1 37/64	1 13/16	2 13/64	2 37/64	3 7/64	3 27/64	4 3/32	4 7/8		
	C		1 1/32	1 15/64	1 15/32	1 51/64	2 11/64	2 15/32	3 1/32	3 21/32		
	D		1 1/8	1 15/64	1 35/64	1 1/2	1 7/8	2 1/64	2 17/32	3 1/64		
	E MIN.		3/8	3/8	3/8	1/2	1/2	1/2	1/2	5/8		
	F		0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406		
	WEIGHT		0.59	0.84	1.42	2.09	3.40	4.09	7.18	12.44		

Note: 1. The "B" Dimensions is measured across the flats of the union nut.  
2. All Dimensions are in inches  
3. Weights based on carbon steel (A105)

**TYPE 601**  
**TYPE 602**  
**TYPE 602B**  
**TYPE 604**



- FEATURES:
- Ideal for Steam Service
  - Designs rated for 3000 WOG / 600 WSP
  - Ball-to-Cone Seats for smooth alignment
  - Can be repeatedly assembled and disassembled
  - Replaceable and interchangeable parts
  - Carbon steel components are coated to resist corrosion
  - Stays sealed - regardless of shock, vibration, expansion and rough wrenching
  - Silicon Bronze and Stainless Steel seats double locked under 120,000 lbs. psi
  - Conveniently packaged
  - Suitable for use with Schedule 40/80 pipe
  - 100% hydro tested
  - Type 604 is preferred over bronze to carbon steel seated unions



Type 601

Type 602

Type 602B

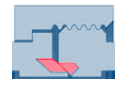


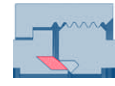
Type 604

**SPECIFICATIONS:**  
**ASME B16.11 - (SOCKET DIMENSIONS ONLY)**  
**ASME B1.20.1 - (NPT)**

TYPE	DIMENSIONS	SIZES (INCHES)									
		1/8 18-NPT	1/4 18-NPT	3/8 18-NPT	1/2 14-NPT	3/4 14-NPT	1 11 1/2-NPT	1 1/4 11 1/2-NPT	1 1/2 11 1/2-NPT	2 11 1/2-NPT	
TYPE 601, 602, 604	A	1 7/8	1 7/8	2	2 5/32	2 25/64	2 25/32	2 31/32	3 5/64	3 21/32	
	B	1 1/4	1 1/4	1 3/8	1 21/32	2	2 3/8	2 3/4	3	3 23/32	
	C	3/4	3/4	29/32	1 7/64	1 27/64	1 41/64	2 1/32	2 5/16	2 13/16	
	STYLE NUT	HEX	HEX	HEX	HEX	OCTAGON	OCTAGON	OCTAGON	OCTAGON	OCTAGON	
	WEIGHT	0.37	0.34	0.43	0.68	1.06	1.51	2.19	2.58	4.83	
TYPE 602B	A		1 3/4	2	2 11/64	2 7/16	2 3/4	2 15/16	3 7/64	3 21/32	
	B		1 1/4	1 3/8	1 21/32	2	2 3/8	2 3/4	3	3 23/32	
	C		3/4	29/32	1 1/8	1 27/64	1 41/64	2 1/32	2 5/16	2 13/16	
	D		1	1 1/4	1 27/64	1 7/16	1 3/4	1 15/16	2 7/64	2 13/32	
	E MIN.		3/8	3/8	3/8	1/2	1/2	1/2	1/2	5/8	
	F		0.555	0.690	0.855	1.065	1.330	1.675	1.915	2.406	
	STYLE NUT		HEX	HEX	HEX	OCTAGON	OCTAGON	OCTAGON	OCTAGON	OCTAGON	
WEIGHT		0.30	0.43	0.68	1.04	1.46	2.09	2.55	4.71		

Note: 1. The "B" Dimension is measured across the flats of the union nut.  
2. All Dimensions are in inches  
3. Weights based on carbon steel (A105)

**Product Comparison**

	Type 601	Type 602	Type 602B	Type 604
SEAT MATERIAL	 Silicon Bronze	 Stainless Steel	 Stainless Steel	 Silicon Bronze (male) Stainless (female)
END CONNECTION	Threaded	Threaded	Socket Weld	Threaded