

Figure 100



Applications

- 1,000 psi
- Low pressure line connections and manifolds

Features and Benefits

- Tough, impact resistant ductile iron
- Precision manufacturing of ball-cone seats

Figure 200



Applications

- 2,000 psi
- Line connections and manifolds
- Medium pressure ranges for air, water, oil, or gas service

Features and Benefits

- Forged carbon steel construction
- Interchangeable with industry standards

Figure 206



Applications

- 2,000 psi
- Line connections and manifolds

Features and Benefits

- Fitted O-ring in male sub seating surface resulting in enhanced sealing
- Stainless steel subs available

Figure 207



Applications

- 2,000 psi
- Cap off of manifold connections, contain pressurized fluids, fitted with pressure gages

Features and Benefits

- Nitrile O-ring that provides effective closure

Figure 211



Applications

- 2,000 psi
- Systems where static or electrolytic corrosion is a problem

Features and Benefits

- Insulated design that eliminates metal to metal contact across the union
- Dual abrasion resistant precision elastomers that provide a positive seal

Figure 300



Applications

- 2,000 psi
- Breakout of short pipe segments
- Seal equally well in low or high pressure vapor or liquid service

Features and Benefits

- Flat-face O-ring sealing design that permits lateral breakouts of short rigid piping sections

Figure 400



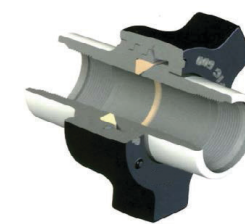
Applications

- 4,000 psi
- Maximum manifold connections, suction lines, and mud systems

Features and Benefits

- Ball and cone sealing that provides easy alignment and dependable seals
- Steel forgings made of heavy, durable, rugged material

Figure 600



Applications

- 6,000 psi
- Production and service systems where boiler water or steam seat corrosion is a problem

Features and Benefits

- Bronze seat insert that provides additional hardness differential across the seats for enhanced sealing

Figure 602



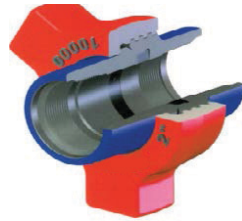
Applications

- 6,000 psi
- Line connections, manifolds, mud, and service systems

Features and Benefits

- Resilient nitrile seal ring that helps sealing and protects steel-to-steel seating of the union

Figure 1002



Applications

- 10,000 psi
- Cementing, acidizing, fracturing, and choke lines

Features and Benefits

- Alloy steel body that is durable, rugged, and dependable

Figure 1003



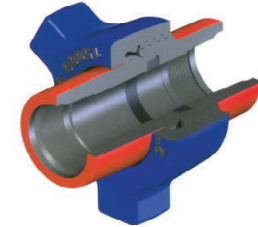
Applications

- 10,000 psi
- High pressure water, oil, mud, or gas service where pipe alignment is a problem

Features and Benefits

- Nitrile O-ring that assures a pressure tight connection in any position of misalignment
- Steel-to-steel seating

Figure 1502



Applications

- 15,000 psi
- Cementing, fracturing, acidizing, and choke lines where welded or permanent API tubing thread fittings are required

Features and Benefits

- Nitrite seal ring that is easily replaceable and resilient
- Alloy steel body with a rugged design and heavy walls that ensure a built-to-last durable product

Oilfield Hammer Unions are domestically manufactured to match specific pressure ratings with both standard and sour service unions available.

Specifications

Figure Number	CWP				Nominal Size (inches)											
	Standard Service		H2S Service		1"	1.25"	1.5"	2"	2.50"	3"	4"	5"	6"	8"	10"	12"
	CWP	Test	CWP	Test												
100	1000	1500						X	X	X	X	X	X	X		
200	2000	3000			X	X	X	X	X	X	X	X	X	X	X	
206	2000	3000			X	X	X	X	X	X	X	X	X	X	X	
207	2000	3000								X	X		X			
211	2000	3000						X		X						
300	2000	3000			X			X								
400	4000	6000						X		X	X	***	***		***	***
600	6000	9000			X	X	X	X			X					
602	6000	9000	6000	9000	X	X	X	X		X	X	X	X			
1002	10000	15000	7500	12000	X		X	X		X	X	***	***			
1003	7500	12000	5000	7500						X	X	***	***			
1502	15000	22500	10000	15000	X		X	X		X	X	X				

Specification Notes

*** Indicates reduced Cold Working Pressure due to pipe size or other design factor. Reduction as shown below:

- 5", 6", 10", 12" Figure 400 – CWP = 500 psi – Test = 4000 psi
- 5" Figure 1002 w/ LPT Ends – CWP = 5000 psi – Test = 7500 psi
- 5", 6" Figure 1002 B/W – CWP = 7500 psi – Test = 12000 psi
- 5", 6" Figure 1003 B/W – CWP = 7500 psi – Test = 12000 psi
- Sour Gas Service Prepped 5", 6" Figure 1002 B/W – CWP = 5000 psi – Test = 7500 psi
- Sour Gas Service Prepped 5" Figure 1003 B/W – CWP = 5000 psi – Test = 7500 psi

Product availability and specifications are subject to change at any time, with or without notice.

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