




































































































## Hammer Unions

BHT hammer unions are available in a wide range of sizes and in working pressures to 15,000 psi. Pressure seal, non-pressure seal, and welded styles are offered in various sizes. All BHT hammer unions provide pressure-tight, positive sealing and are available for standard services and sour gas models. BHT hammer unions for sour gas services are specially heat-treated for controlled hardness and utilises fluorocarbon elastomer seal rings.

### Specifications For Threaded and Butt Weld Hammer Unions

Fig. No.	Assembly Color Code for Standard Service	Pressure Rating (PSI)				Nominal Pipe Sizes															
		Standard Service		Sour Gas Service		(in.)	1/2	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6	8	10	12		
		Cold Working	Test	Cold Working	Test	(mm)	13	25	32	38	50	65	80	100	125	150	200	250	300		
50		500	750	N/A	N/A																
100		1,000	1,500	N/A	N/A																
101		1,000	1,500	N/A	N/A																
200		2,000	3,000	2,000	3,000																
201		2,000	3,000	2,000	3,000																
206		2,000	3,000	2,000	3,000																
207		2,000	3,000	2,000	3,000																
211		2,000	3,000	N/A	N/A																
300		2,000	3,000	N/A	N/A																
400		4,000	6,000	4,000	6,000																
602		6,000	9,000	6,000	9,000																
1002		10,000	15,000	7,500	11,250																
1003		10,000	15,000	7,500	11,250																
1004		10,000	15,000	7,500	11,250																
1502		15,000	22,500	10,000	15,000																
2002		20,000	30,000	N/A	N/A																
2202		N/A	N/A	15,000	22,500																
6666		6,000	9,000	N/A	N/A																

\* Indicates different Cold Working Pressure due to other design factor - Difference as shown below:

- 5", 6", 12": Figure 400, Cold Working Pressure 2,500 PSI & Test Pressure 4,000 PSI
- 5", 6" : Figure 1002 Butt weld, Cold Working Pressure 7,500 PSI & Test Pressure 11,250 PSI Std. Service
- 4", 5" : Figure 1003 Butt weld, Cold Working Pressure 7,500 PSI & Test Pressure 11,250 PSI Std. Service
- 5", 6" : Figure 1002 Butt weld, Cold Working Pressure 5,000 PSI & Test Pressure 7,500 PSI Sour Service
- 4", 5" : Figure 1003 Butt weld, Cold Working Pressure 5,000 PSI & Test Pressure 7,500 PSI Sour Service
- 1/2" : Figure 300, Cold Working Pressure 15,000 PSI & Test Pressure 20,000 PSI, Zinc Plated



## Hammer Unions



**Fig. 100  
Black Nut Yellow Subs**  
An economical union with precision machined metal-to-metal sealing surfaces for air, water, oil or gas service to 1,000 psi NSCWP\*.



**Fig. 200  
Blue Nut Gray Subs**  
A precision metal-to-metal sealing surface between male and female subs for air, water, oil, gas and mud service to 2,000 psi NSCWP\*.



**Fig. 206  
Blue Nut Gray Subs**  
A precision metal-to-metal seal plus O-ring seal for air, water, oil, gas and mud service to 2,000 psi NSCWP\*.



**Fig. 207  
Blue Cap Gray Subs**  
Interchangeable Fig. 206 sub with blanking cap and O-ring seal to assure no-leak closure of manifolds and lines to 2,000 psi NSCWP\*.



**Fig. 400  
Black Nut Red Subs**  
Features a precision ball and cone sealing surface for sure metal-to metal seal for air, water, oil, gas and mud service to 4,000 psi NSCWP\*.



**Fig. 402  
Black Nut Black Subs**  
A resilient lip-type seal for air, water, oil or mud service to 4,000 psi NSCWP\*.



**Fig. 602  
Black Nut Orange Subs**  
A replaceable lip-type seal ring minimizes fluid flow turbulence and gives pressure seal for air. Water, oil, gas and mud service to 6,000 psi NSCWP\*.



**Fig. 1002  
Red Nut Blue Subs**  
A resilient lip-type seal protects ball and cone seal against abrasion in air, water, oil, gas and mud service to 10,000 psi NSCWP\*.



**Fig. 1502  
Blue Nut Red Subs**  
For manifold and truck mountings or installations encountering high pressures including air, water, oil, gas and mud services to 15,000 psi NSCWP\*.



**Fig. 2002  
White Nut White Subs**  
For cementing, fracturing, acidizing, testing and choke-and-kill lines where extreme pressures are encountered to 20,000 psi NSCWP\*.



**Fig. 2202  
Green Nut Green Subs**  
Especially for sour gas service; with heat-treated components, fluoroelastomer seal rings. For service to 15,000 psi NSCWP\*.