
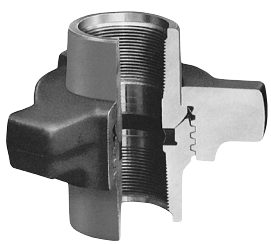
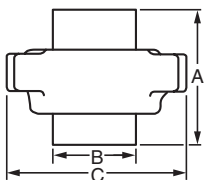

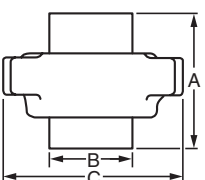




## Hammer Unions

6,000 psi cwp – 9,000 psi test

<div>  <b>FIGURE 602</b>  <b>Threaded Ends</b>  <b>Black Nut/Orange Subs</b> </div>	Size		Unit Weight		A		B		C		TPI	Material	
	NPS	Dn	lbs	kg	in	mm	in	mm	in	mm		Nuts	Subs
   <p>Compact design is well-suited for manifold service. Employs a double seal that combines an elastomeric gasket with a metal-to-metal connection.</p>	1	25	3.55	1.61	6.625	168.28	1.750	44.45	4.500	114.30	6 STD	SF	SF
	1½	40	9.54	4.33	4.600	116.84	2.570	65.28	5.520	140.21	4 STD	SF	SF
	2	50	12.40	5.62	5.300	134.62	2.970	75.44	6.875	174.63	3 MOD	SF	SF
	3	80	22.30	10.11	6.310	160.27	4.250	107.95	8.875	225.43	3 MOD	SF	SF
	4	100	36.60	16.60	8.420	214	5.325	136.25	10.430	265	3 MOD	SF	SF

<div>  <b>FIGURE 602</b>  <b>Butt Weld Ends</b>  <b>Schedule XXH</b>  <b>Black Nut/Orange Subs</b> </div>	Size		Unit Weight		A		B		C		TPI	Material	
	NPS	Dn	lbs	kg	in	mm	in	mm	in	mm		Nuts	Subs
 <p>Compact design is well-suited for manifold service. Employs a double seal that combines an elastomeric gasket with a metal-to-metal connection.</p>	3	80	21.25	9.64	6.310	160.27	4.250	107.95	8.875	225.43	3 MOD	SF	SF

**Warnings:** 1. Do not make up or break out Unions in pressurized lines.

2. Always use good safety practices, including use of safety glasses, when making up or breaking out Unions.

TPI = Threads per inch      SF = Steel Forging

PROJECT INFORMATION		APPROVAL STAMP	
Project:		<input type="checkbox"/> Approved	
Address:		<input type="checkbox"/> Approved as noted	
Contractor:		<input type="checkbox"/> Not approved	
Engineer:		Remarks:	
Submittal Date:			
Notes 1:			
Notes 2:			

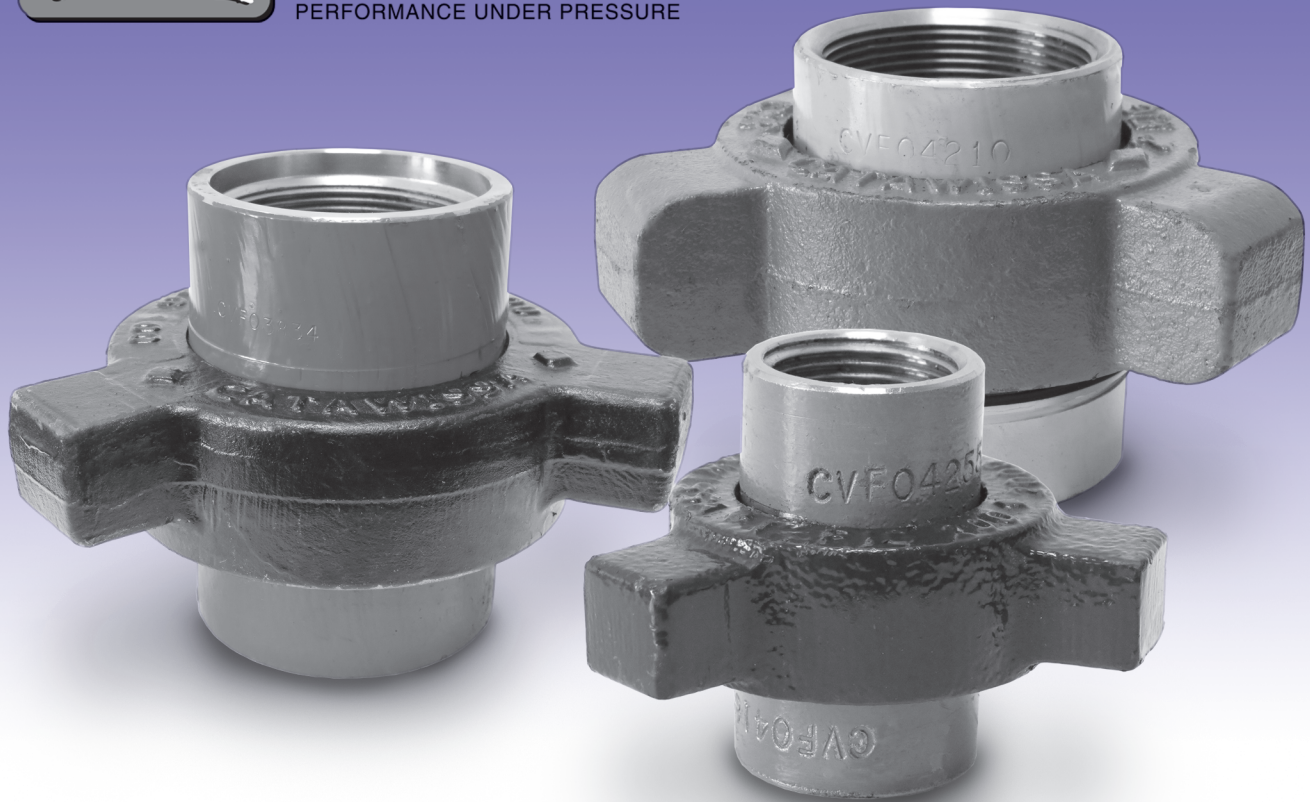


**Catawissa™**  
PERFORMANCE UNDER PRESSURE

## HAMMER UNIONS



**Catawissa™**  
PERFORMANCE UNDER PRESSURE



### Material

ASTM A29, A105

### Full Traceability:

All Catawissa Oilfield Hammer Unions are fully traceable and are available with complete mill certifications upon request.

### Interchangeability:

All Catawissa Oilfield Unions are machined to rigid quality standards ensuring that like components of the same size, figure number and pressure rating are fully interchangeable in the field. Catawissa Oilfield Unions are interchangeable with most leading union manufacturers.

### Full Range of End Connections:

Catawissa Oilfield Hammer Unions are available in threaded ends, as well as buttweld and non-pressure seal ends. When you choose Catawissa you receive the utmost in quality, the widest selection and unmatched on-time deliveries.



## Catawissa Quick Reference Chart

STANDARD SERVICE												
Fig No.	CWP	TEST	API Color Code		Pipe Size (in.)							
			SUB	NUT	1"	1¼"	1½"	2"	2½"	3"	4"	6"
100	1,000	1,500	Yellow	Black								
200	2,000	3,000	Gray	Blue								
206	2,000	3,000	Gray	Blue								
211	2,000	3,000	Light Blue	Gray								
300	2,000	3,000	Yellow	Gray								
301	3,000	4,500	Green	Black								
400	4,000	6,000	Red	Black								
602	6,000	9,000	Orange	Black								
607	6,000	9,000	Silver	Yellow								
1502	15,000	22,500	Red	Blue								