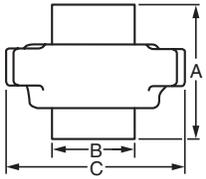
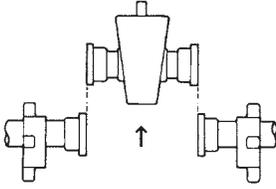




Hammer Unions

2,000 psi cwp – 3,000 psi test

 FIGURE 300 Flat-Face Union Gray Nut/Yellow Subs	Size		Item	Unit Weight		A		B		C		Material	
	NPS	Dn		lbs	kg	in	mm	in	mm	in	mm	Nuts	Subs
	 												
<p>“Flat Face” design for straight breakout. Unlike standard unions, spreading of line is not required, allowing quick breakout. The unions seal equally well in low or high pressure liquid or vapor service.</p> <p>Straight Away Breakout Flat Face Fig. 300 Unions permit lateral removal of valves and other fittings for easy replacement or inspection.</p> 	1	25	Union Complete	2.21	1.00	2.625	66.68	1.560	39.62	4.250	107.95	SF	SF
			Nut	1.50	0.68								
			Male Sub	0.31	0.14								
			Female Sub w/O-Ring	0.50	0.23								
			Seal Ring	–	–								
	2	50	Union Complete	6.00	2.72	3.750	95.25	2.780	70.61	5.750	146.05	SF	SF
			Nut	3.31	1.50								
			Male Sub	1.25	0.57								
			Female Sub w/O-Ring	1.44	0.65								
			Seal Ring	–	–								
	2½	65	Union Complete	10.88	4.93	4.625	117.48	3.410	86.61	7.000	177.8	SF	SF
			Nut	6.19	2.81								
			Male Sub	2.13	0.97								
			Female Sub w/O-Ring	2.56	1.16								
			Seal Ring	–	–								
	3	80	Union Complete	14.25	6.46	5.000	127.00	4.300	109.22	8.000	203.2	SF	SF
			Nut	6.31	2.86								
			Male Sub	3.50	1.59								
			Female Sub w/O-Ring	4.44	2.01								
			Seal Ring	–	–								
	4	100	Union Complete	20.69	9.38	5.750	146.05	5.110	129.79	8.875	225.43	SF	SF
			Nut	8.31	3.77								
			Male Sub	5.57	2.53								
			Female Sub w/O-Ring	6.63	3.01								
			Seal Ring	–	–								

- 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



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.



Gatawissa 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								