



# HAMMER UNIONS - FIGURE 1002

C&C's Figure Figure 1002 is specifically designed to minimize fluid flow turbulence. The BUNA-N replaceable lip-type seal ring that provides this capability also provides a pressure seal and protection for the metal-to-metal seating surfaces. These unions are recommended for use on high pressure systems and trucks, as well as air, water, oil, gas or mud service where working pressures do not exceed 10,000 PSI NSCWP.

\* Interchangeable with other major manufacturers (see warnings on last page)



## Specifications

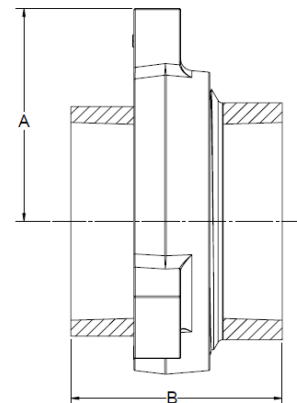
- Sizes: 1" - 6"
- Pressure Rating: 10,000 psi NSCWP
  - 5" threaded derated to 5,000 psi
  - 5" and 6" butt-weld derated to 7,500 psi
- End Connections: Threaded & Butt-Weld
  - Butt-Weld Schedules: 160 and XXH
- BUNA-N lip-type seal ring (-20°F to 250°F)
- Color Code: Blue Subs / Red Nut

Standard Service	
NSCWP	Test
10,000 psi	15,000 psi

*\*All working pressures are Non-Shock Cold Working Pressure Ratings (NSCWP) at ambient temperatures (-20°F to 100°F)*

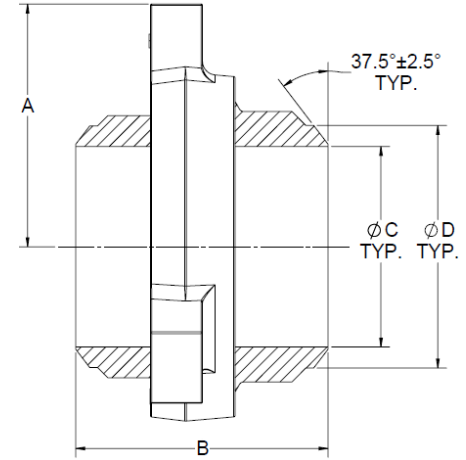
## Threaded End Connections

Nominal Pipe Size	1"	1.5"	2"	3"	4"
<b>Part #</b>	U120100	U121500	U120200	U120300	U120400
<b>Material (Sub)</b>	4130 AS	4140 AS	4130 AS	4130 AS	4130 AS
<b>Material (Nut)</b>	4140 AS	4140 AS	4140 AS	4140 AS	4140 AS
<b>Clearance Radius (A)</b>	2.15"	3.00"	3.60"	4.50"	4.88"
<b>End to End (B)</b>	3.55"	4.88"	5.30"	6.25"	8.13"
<b>Approx. Weight (lbs)</b>	3.9	10.8	15.0	26.7	38.0
<b>Box Quantity</b>	32	10	6	3	2



### Butt Weld End Connections (Schedule XXH\*)

Nominal Pipe Size	2"	3"	4"	5"	6"
<b>Part #</b>	U120240	U120340	U120440	U120540	U120640
<b>Material (Sub)</b>	4130 AS	4130 AS	4130 AS	4130 AS	4130 AS
<b>Material (Nut)</b>	4140 AS	4140 AS	4140 AS	4140 AS	4140 AS
<b>Clearance Radius (A)</b>	3.60"	4.50"	4.88"	6.00"	6.81"
<b>End to End (B)</b>	5.18"	5.38"	5.63"	6.13"	6.73"
<b>BW Sch XXH I.D. (ØC)</b>	1.503"	2.300"	3.152"	4.063"	4.897"
<b>BW Sch XXH O.D. (ØD)</b>	2.375"	3.500"	4.500"	5.563"	6.625"
<b>Approx. Weight (lbs)</b>	17.0	28.0	35.0	66.0	88.0
<b>Box Quantity</b>	6	3	2	1	1



\* Schedule 160 is available upon request

### Full Hammer Union Offering

FIGURE #	COLOR CODING	PRESSURE RATING (psi)		NOMINAL PIPE SIZES													
		Standard Service		0.5"	0.75"	1"	1.25"	1.5"	2"	2.5"	3"	4"	5"	6"	8"	10"	12"
		NSCWP	Test														
100		1,000	1,500							☉	☉	☉	☉	☉	☉		
110		2,500 4,000	3,750 6,000							☉							
200		2,000	3,000			☉	☉	☉	☉	☉	☉	☉		☉	☉	☉	
201		3,000	4,000							☉	☉						
206		2,000	3,000			☉	☉	☉	☉	☉	☉			☉	☉	☉	
207		2,000	3,000								☉	☉		☉			
26H		400	800									☉					
211		2,000	3,000							☉		☉					
300		2,000 2,500 12,500	3,000 3,750 18,750	☉	☉	☉				☉							
301		3,000	4,500							☉							
400		4,000	6,000							☉		☉	☉				☉
602		6,000	9,000			☉			☉	☉	☉	☉					
607 (CGC)		6,000	9,000						☉	☉							
1002		10,000	15,000			☉			☉	☉		☉	☉	☉	☉		
1003		7,500 10,000	11,250 15,000									☉	☉	☉			
1502		15,000	22,500			☉			☉	☉	☉	☉	☉	☉			

 **PRODUCT WARNINGS** 

***Failure to follow these warnings could result in failure and possible personal injury, death, or property damage:***

- C&C products should be used only by qualified, trained individuals experienced in the safe and proper handling of hammer unions and other couplings. Users must follow all applicable specifications and industry best practices for the safe installation and use of C&C products.
- Never exceed the recommended pressure rating or mix components with different pressure ratings, as mismatched components can lead to failure under pressure, resulting in death, personal injury, or property damage.
- Never strike, tighten, or loosen pressurized components or connections.
- Never exceed the non-shock cold rated pressure (NSCWP) of the product. Complete and proper assembly of all components and connections is essential in order to attain the rated NSCWP.
- Never use any worn, eroded, or corroded components or connections. If any component of the union or connection is worn, eroded, or corroded, replace immediately.
- Never strike hammer unions that have deformed or flattened lugs.
- Never use C&C products in suspension applications.
- Never expose standard service components or couplings to sour gas fluids. Do not interchange sour gas components or couplings with standard service components or couplings.
- Always use extra care when working with carbon steel products in temperatures below 32°F/0°C. Freezing temperatures lower the impact strength of carbon steel.
- Always take all appropriate safety precautions and wear all appropriate protective equipment when assembling, disassembling, installing, or removing any C&C product.
- Always immediately remove from service any component or coupling from which leakage is detected.
- Carefully select the appropriate component or coupling for your intended use.
- Our standard unions are not dual certified for sour service/NACE applications. If you need a union for sour service/NACE applications, please let us know when you place your order.
- \* If other manufacturers' components are used interchangeably, CNC Flow Control does not assume liability.