

CONTACT **KARVI E&C**

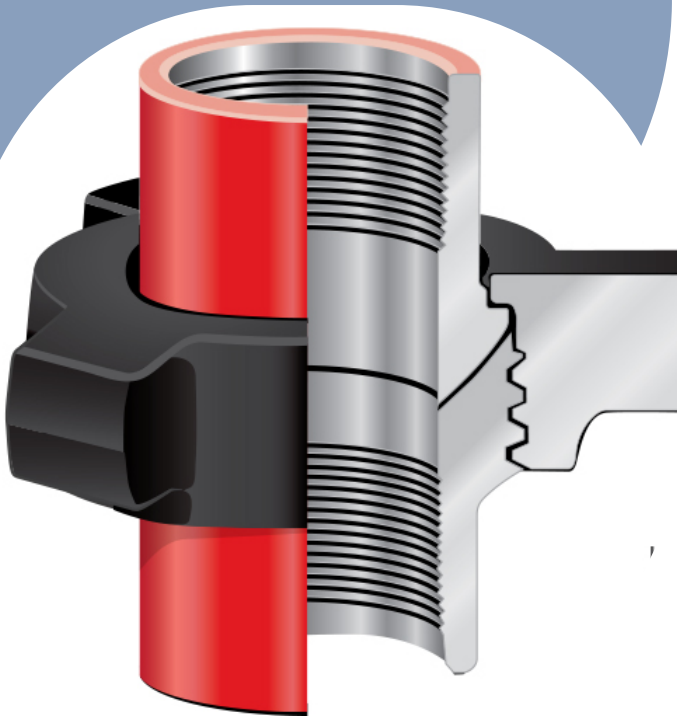
We are available for business over email / call / whatsapp. Connect us for quick turnover of plant performance.

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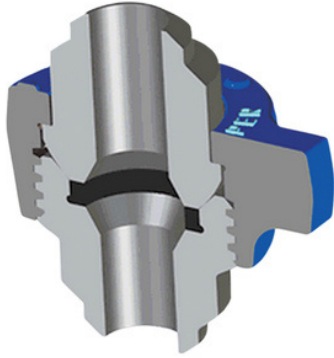


HAMMER UNION

karvienc.com

ABOUT **KARVI EC**

For more than 3 years, KEC has pioneered innovations that empower the global energy industry, enabling our customers to safely produce abundant energy while minimizing their environmental impact. The energy industry depends on our deep expertise and technology to continually improve oilfield operations and assist in efforts to advance the energy transition towards a more sustainable future.



RANGE AVAILABLE

- Threaded Hammer Unions (40, 50, and 602 to 1502)
- Butt Weld Hammer Unions (602, 1502, and 2202)
- Threaded & Butt Weld Hammer Unions (100 to 400)

WHERE

Hammer unions are approved and used by major service companies, drilling contractors, and operators around the world.

APPLICATION

We provide a complete range of hammer union connections for quick makeup and breakout in your flowline.



QUALITY PRODUCT

SALIENT FEATURES

- HAMMER UNIONS RANGE IN SIZE FROM 1" TO 12"
- MAXIMUM WORKING PRESSURE OF 15,000 PSI
- COMPLETE TRACEABILITY
- MANUFACTURED FROM FORGED STEEL
- STM A - 105 UNIONS > 6,000 PSI
- AISI 4130 FOR UNIONS < 6,000 PSI

SIZE CHART

Fig. No.	Color key for standard service	Pressure rating (psi)				Normal pipe sizes in. (mm)									
		Standard service		Sour gas service		1 in. (25 mm)	1 1/4 in. (32 mm)	1 1/2 in. (40 mm)	2 in. (50 mm)	2 1/2 in. (65 mm)	3 in. (80 mm)	4 in. (100 mm)	5 in. (125 mm)	6 in. (150 mm)	7 in. (200 mm)
		Cold working	Test	Cold working	Test										
200		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						✓	✓		✓	
602		6,000	9,000	6,000	9,000	✓		✓	✓	✓	✓	✓			
1002		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				✓		✓	✓	✓	✓	

Notes:

1. Hammer unions also available in Fig. 50, 100, 600, 1003, 1004

2. These sizes and figure ratings available in butt weld only: Fig. 2002-2202 (4 in., 5 in., and 6 in.); Fig. 1502 (5 in. and 6 in.); Fig. 1002-1004; and Fig. 1003 (5 in.)

3. Pressure ratings are dependent upon type and wall thickness of pipe used.

4. For standard service, Fig. 1003 (4 in. and 5 in.) and Fig. 1002 (5 in. and 6 in.) are pressure rated at 7,500 psi cwp and 11,250 psi test. For sour gas service, these unions are rated at 5,000 psi cold working pressure (CWP) with 7,500 psi test.

The chart above represents our most popular hammer unions. For all other sizes and types, please contact our sales representative for more information, or email us at pranav@karvienc.com.



APPLICATIONS

- Hook up from well heads to flowback and drilling manifold
- Sand separators (sand traps)
- Well testing separators
- Inline indirect fired line heaters
- Flare stacks

Used For

- Cementing
- Drilling Rigs
- Hydraulic Fracturing
- Coiled Tubing
- Well Testing
- Flowback
- Pumping



PUP JOINT

Integral → The pup joints are one-piece construction made from alloy steel and feature wing union end connections that eliminate welds and threads. The pup joints are capable of handling a variety of fluids and a working pressure of 15,000 psi. Available in lengths up to 15 feet, they are pressure rated to 10,000 psi for sour gas service.



PUP JOINT

karvienc.com





LONG & SHORT SWEEP SWIVEL JOINTS

We manufacture a full line of high quality swivel joints. We provide short sweep swivel joints that range from 1" to 3" and can handle up to 6,000 psi for standard service. Also available are long sweep swivel joints, which are designed to withstand working pressures up to 15,000 psi. Long sweep swivel joints for sour service are rated up to 10,000 psi. All swivel joints have three key features, one they are made from heat-treated material to withstand high pressures. Second they have a dual-purpose packing composed of an anti-extrusion ring to reduce friction, and an active seal to prevent the fluid from leaking. All swivel joints have smooth bore finishes to ensure smooth flow.

WHERE

Hammer unions are approved and used by major service companies, drilling contractors, and operators around the world.

APPLICATION

We provide a complete range of hammer union connections for quick makeup and breakout in your flowline.



SWIVEL JOINT

SALIENT FEATURES

- SWIVEL JOINTS RANGE IN SIZE FROM 1" TO 3"
- MAXIMUM WORKING PRESSURE OF 15,000 PSI
- DUAL PURPOSE PACKING WITH ANTI-EXTRUSION RING & ACTIVE SEAL PACKING
- PRECISION HARDENED BEARING SURFACES TO ENSURE LONG LIFE
- SMOOTH FINISHED BORES TO ENSURE MINIMUM PRESSURE DROP
- VARIOUS END CONNECTIONS INCLUDING INTEGRAL UNION



CEMENTING & CIRCULATING HOSES

We manufacture a complete line of high-quality circulating and cementing hoses (C&C hoses), including sizes ranging from 2" to 3" with handling pressure up to 15000 PSI CWP (cold working pressure). Our C&C hoses are also available to service sour gas applications and can withstand pressures up to 10000 PSI CWP. All our circulating hoses feature our swivel joints for flexibility, wing unions for tight makeup and easy breakout and to ensure the absorption of operating vibrations.



APPLICATION

- Formation fluid transfer,
- Discharge lines
- Water transfer
- Open ended lines to mud tank or reserve pits



C&C HOSES

SALIENT FEATURES

- C&C HOSES RANGE IN SIZE FROM 2" TO 3"
- MAXIMUM WORKING PRESSURE OF 15,000 PSI
- DISASSEMBLES EASILY FOR STORAGE AND TRANSPORTATION
- AVAILABLE IN SIZES 10 FT OR 12 FT