

Ycapital LLC



A Leading distributor of API Specifications,
of Components & Equipment.

ABOUT US

Ycapital LLC has been in the oil & gas industry with top quality supplies and service. Offering sales, rental, we cater to a broad range of customer needs, from Sales, 1502 Plug Valve manifold equipment, Gate Valve, Pup Joints & Choke Valves, Flowback & Frac, workover rigs & supply stores, we deliver leading equipment that exceeds industry standards and regulations. We offer Hammer Union, Ring Gasket, Pup Joints, 1502 Swivel Joint, 1502 Chiksan Swivel Joint, Autoclave fitting, High pressure adapters & Changeover and crossover adapters at best prices.

We understand the needs of today's oil & gas industry. We bring to our clients the experience & expertise for the procurement & logistics of quality oilfield parts & related products at the most competitive prices available. Our goal as a service provider in the oilfield industry is to meet or exceed our client's expectations of quality & level of service.

We keep good relationships with trusted manufacturers whose products have been manufactured with internationally accepted practices including ISO & API certifications. Our Plug Valve manifold & Gate Valves are of highest quality & standard as per API-6A & API-Q1. Under the strict inspection by our trained & experienced engineers, the quality of the products we offer are always kept at a high level. Our global logistics experience enables us to deliver the ordered goods in a timely and professional manner to any destination in the world.

Ycapital Supplies Products with confidence knowing that we are providing them with the most competitive pricing on quality oilfield parts & related products as well as arranging for the logistics of product delivery to any destination in the world in a timely & professional manner.

Your One Stop, Solution For All Your Oilfield Needs.

When it's about Quality – Ycapital is the industry leader. We source & manufacture from the best, so you can focus on what matters. We take full responsibility for our Products. Have Peace of Mind. No hidden costs, just expert solutions.

Ycapital has the unbeatable value at best prices guaranteed without compromising quality.

Feel free to reach out anytime for a warm welcome." Call us today and experience it !

OUR VISION

Providing a quality product with outstanding customer service has & will continue to be our benchmark in the oil and gas industry. We believe that communication with the customer is a key part of keeping good business relationships. Ask questions, to find out more about our products.

Ycapital takes great care to make quality products & will always work to fulfill our customer needs.

MANUFACTURE

Ycapital LLC gets the products manufactured from Kiran industries under the registered brand name of Positive Lok.

The manufacturing Unit is engaged & exporter of Steel forged and machined components of Hammer Union, Swivel Joints, Integral Pup Joints, Ring Gaskets, valves etc. mainly required in Oil Field and Drilling industries. The main object of the company is to engage in business as manufacturers, job workers, exporters, importers. Ycapital LLC is the distributors, agents, and or consultants of all types of forged and machined engineering goods and components of carbon, alloy, and stainless steel for the Oil field, drilling, and Fracking industries.

Today, The Manufacturing unit is in Exports to Ycapital LLC of Houston & Odessa in USA, which is having a strong base in Oil Field Business in the USA & is the only Indian supplier to Ycapital LLC. also supplies to the all Branches & Distributors of Ycapital LLC.

PRODUCTS

HAMMER UNION

HOSE UNION

SWIVEL JOINTS

RING GASKET

MANIFOLD

API FLANGES

ADAPTER FLANGE

INTEGRAL FITTINGS

PUP JOINTS

PLUG VALVE

CHOKES

STEM & SEAT

Material

Hammer Unions are manufactured from steel forgings using materials appropriate to specific pressure ratings

End Connections

Ycapital Unions are available in a choice of end connections. API Line pipe threads are standard. Butt weld ends can be provided. Customer to specify schedule of pipe while ordering.

Sour Service

Sour Service is available & all H S service 2 parts of Ycapital unions confirm to the latest NACE specifications.

Low Temperature Service

Ycapital Unions can be supplied for low temperature applications with suitable impact value testing

Interchangeable

All Ycapital Unions components of the same size & figure number are Weco interchangeable. The union's nuts supplied by Ycapital have three hammer lugs.

Traceability

Ycapital unions are supplied with full traceability documentation for each component,

HAMMER UNION

HAMMER UNION QUICK REFERENCE CHART

Fig. NO	Assembly Color Key for standard Service	Pressure Rating (PSI)				Normal Pipe Size (in mm.)																
		Standard Service		Sour Gas Service		1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12					
		Cold Working	Test	Cold Working	Test	25	32	40	50	65	80	100	125	150	200	250	300					
50		500	750	N/A	N/A										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
100		1,000	1,500	N/A	N/A										<input checked="" type="checkbox"/>							
200		2,000	3,000	N/A	N/A	<input checked="" type="checkbox"/>																
206		2,000	3,000	N/A	N/A	<input checked="" type="checkbox"/>																
207		2,000	3,000	N/A	N/A										<input checked="" type="checkbox"/>							
211		2,000	3,000	N/A	N/A										<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
400		2,500	3,750	2,500	3,750														<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
400		4,000	6,000	4,000	6,000										<input checked="" type="checkbox"/>							
600		6,000	9,000	N/A	N/A	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>							
602		6,000	9,000	6,000	9,000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>							
1,002		10,000	15,000	7,500	12,000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								<input checked="" type="checkbox"/>							
1,003		10,000	15,000	7,500	12,000										<input checked="" type="checkbox"/>							
1,502		15,000	22,500	10,000	15,000	<input checked="" type="checkbox"/>									<input checked="" type="checkbox"/>							
2,002		20,000	30,000	N/A	N/A										<input checked="" type="checkbox"/>							
2,202		N/A	N/A	15,000	22,500										<input checked="" type="checkbox"/>							

* In compliance with NACE Standard MR-01-75

HAMMER UNION

Maximum Non-shock Test Pressure (PSI)

Fig. No.	-20 +100	150	200	250	300	350	400	450	500	550
50 *	500	464	437	409	382	355				
100/101 *	1,000	927	873	818	764	709	655	600	546	509
200/201 * /206/207 *	2,000	1,855	1,745	1,636	1,527	1,418	1,309	1,200	1,091	1,018
400/401 * /402 *	4,000	3,709	3,491	3,273	3,054	2,836	2,618	2,400	2,182	2,036
600/601 * /602 *	6,000	5,564	5,236	4,909	4,582	4,255	3,927	3,600	3,273	30,550
1002 * / 1003 *	10,000	9,273	8,727	8,182	7,636	7,091				
1502 *	15,000	13,910	13,091	12,273	11,454	10,637				

* Limited by rubber seal elements to 3,500 max.

Fig. 50 Union 500 PSI CWP

Size (In)	Length (In)	Nut Radius (In)	weight (Kg)
5	5 1/2	5 1/4	10.80

Fig. 50 Union 500 PSI CWP

Recommended for air, water oil or gas service to 500 PSI NSCWP.

Standard subs are threaded for API line pipe.



HAMMER UNION

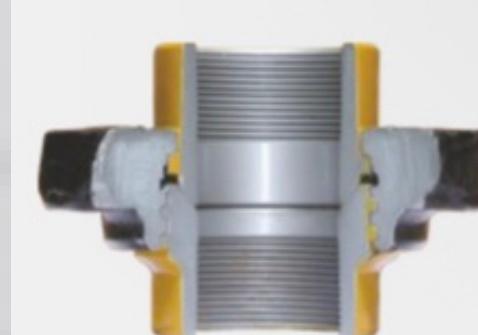
Fig. 100 Union 1,000 PSI CWP

Recommended for air, water oil or gas service to 1,000 PSI NSCWP.

Standard subs are threaded for API line pipe. Weco interchangeable & available with butt weld ends.

Fig. 100 Union 1,000 PSI CWP

Size (In)	Length (In)	Nut Radius (In)	Weight (Kg)
2	3 5/8	2 29/32	2.60
2 1/2	4 9/32	3 5/8	5.20
3	5 1/8	4	6.20
4	5 3/4	4 11/16	10.20
5	6 3 3/64	5 9/16	13.80
6	6 7/8	6 7/8	23.20
8	7 5/17	7 16/16	32.20



HAMMER UNION

Fig. 200 Union 2,000 PSI CWP

Recommended for air, water oil or gas service to 2,000 PSI NSCWP. A union of great unity meeting most requirements in the medium pressure seal. Standard subs are threaded for API line pipe. Weco interchangeable 2" available & with butt weld end connections.

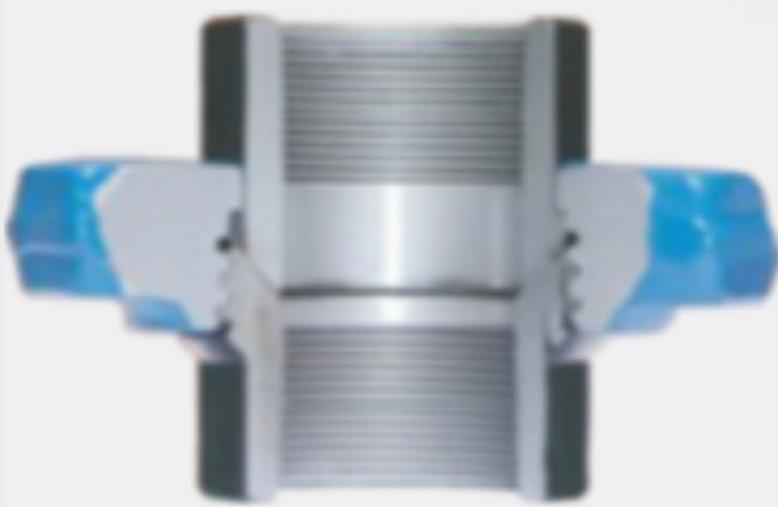


Fig. 200 Union 2,000 PSI CWP

Size (In)	Length (In)	Nut Radius (In)	weight (Kg)
1 a	2 19/32	2	1.00
1 1/4	2 25/32	2 5/32	1.60
1 1/2	2 29/32	2 13/32	1.60
2	3 1/4	2 29/32	2.40
2 1/2	4 1/4	3 5/8	4.50
3	4 17/32	4 1/4	6.60
4	4 15/16	5	9.60
5	7 3/64	5 23/32	19.00
6	6 25/32	6 1/2	22.00
8	7 5/16	7 13/16	29.10
10	9 3/32	9 1/6	41.36

HAMMER UNION

Fig. 206 Union 2,000 PSI CWP

Recommended for air, water oil or gas service to 2,000 PSI NSCWP. A Buna-N 'O' Ring is mounted on the plain sub to provide an additional seal. Subs & nuts of the Fig. 206 unions are interchangeable with Fig. 200 unions. Standard subs are threaded for API line pipe. 2" and available with butt weld end connections.



Fig. 206 Union 2,000 PSI CWP

Size (In)	Length (In)	Nut Radius (In)	Weight (Kg)
1	2 19/32	2	1.00
1 1/4	2 2 5/32	2 5/32	1.07
1 1/2	2 2 9/32	2 1 3/32	1.07
2	3 1/4	2 29/32	2.40
2 1/2	4 1/4	3 5/8	5.02
3	4 1 7/32	4 1/4	6.60
4	4 15/16	5	9.10
6	6 2 5/32	6 1/2	19.30
8	7 5/16	7 13/16	29.10
10	9 3/32	9 1/6	41.36

HAMMER UNION

Fig. 207 Union 2,000 PSI CWP

Recommended for air, water oil or gas service to 2,000 PSI NSCWP. A blanking cap with Buna-N 'O' Ring provides an efficient & dependable closure. The threaded sub is interchangeable with Fig. 200 threaded sub also available with butt weld ends.



Fig. 207 Union 2,000 PSI CWP

Size (In)	Length (In)	Nut Radius (In)	weight (Kg)
3	3 3/4	2 3/4	4.45
4	4 45/64	3 1 7/32	7.38
6	9 3 7/64	4 2 7/32	17.10

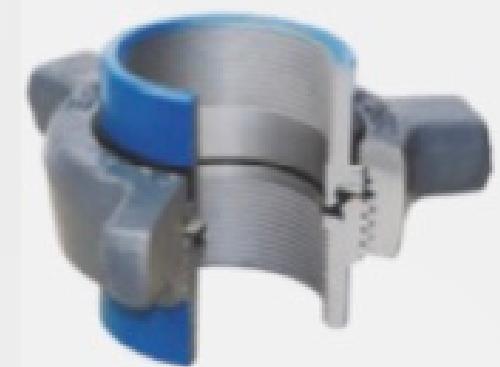
HAMMER UNION

Fig. 211 Union 2,000 PSI CWP

Recommended for production systems with electronic corrosion problems. Laminated insulating rings provide 35 millions Ohms resistance across the unions. O-Ring in male sub delivers a positive primary seal. Seal ring in female sub delivers a positive secondary seal.

Fig. 211 Union 2,000 PSI CWP

Size (In)	Length (In)	Nut Radius (In)	weight (Kg)
2	3 29/64	3 1/16	3.00
3	4 35/64	4 17/64	6.40



HAMMER UNION

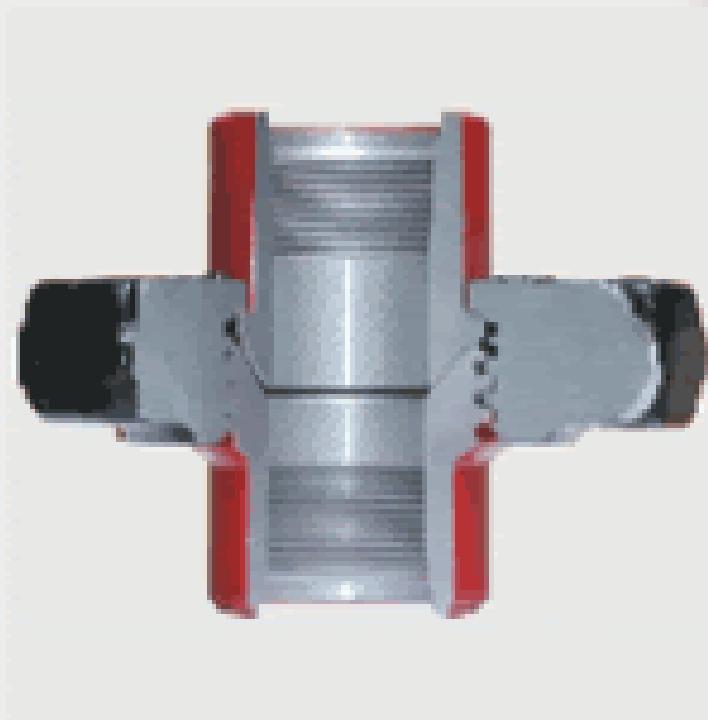


Fig. 400 Union 4,000 PSI CWP

Recommended for air, water, oil, or gas service to 4,000 PSI NSCWP. Utilizes precision ball and cone seating surfaces for easy alignment and dependable pressure seal. Sizes over 4" are rated to 2,500 PSI NSCWP. Also available with a lip-type seal in 2" size only as Fig 402.

Fig. 400 Union 4,000 PSI CWP

Size (In)	Length		Nut Radius	weight (Kg)
	Total (In)	Total CTR. BR (In)		
2	5 1/4	1/4	3 9/16	5.80
3	6	3/8	4 1/4	9.40
4	8 7/32	3/8	5	14.40
6	1 11/32	3/8	6 5/8	28.80
8	11 1 3/32	3/8	7 5/8	42.70
10	10 3 7/64	-	9 49/64	56.80
12	10 7/8	3/8	10 1/4	74.43

HAMMER UNION

Fig. 600 Union 6,000 PSI CWP

Recommended for air, oil, gas or steam service to 6,000 PSI NSCWP. Rugged and fast 2 pitch acme thread makes this the quickest unions to makeup or break out (only two turns). The threaded sub is fitted with a bronze seat insert for added effectiveness in pressure sealing.



Fig. 600 Union 6,000 PSI CWP

Size (In)	Length		Nut Radius (In)	weight (Kg)
	Total (In)	Total CTR. BR (In)		
1	3 9/16	1/4	2 25/32	1.59
1 1/2	4 7/8	1/4	3 7/32	4.30
2	6 7/16	1/4	3 3/4	6.80
2 1/2	7 9/16	3/8	4 1/4	9.10
3	8 1 1/16	3/8	4 1/2	13.18
4	10 1/16	3/8	5 1/4	18.63

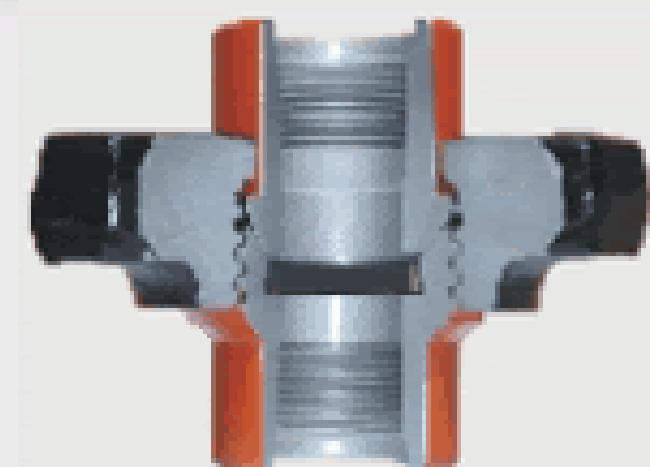
HAMMER UNION

Fig. 602 Union 6,000 PSI CWP

Size (In)	Length		Nut Radius (In)	weight (Kg)	Length Buttweld Sch 80
	Total (In)	Total CTR. BR (In)			
1	3 17/32	1/4	2 5/32	1.59	3 17/32
1 1/4	4 29/32	1/4	3 7/32	4.54	4 1 1/16
1 1/2	4 29/32	1/4	3 7/32	4.10	4 1 1/16
2	5 1/4	1/4	3 3/4	5.90	5 1/32
3	6 1/4	3/8	4 1/2	10.45	5 7/16
4	8 1/4	3/8	5 7/32	15.00	6 1/16

Fig. 602 Union 6,000 PSI CWP

Recommended for air, water, oil, gas or mud service to 6,000 PSI NSCWP. This unions has a replaceable lip-type seal ring of Buna-N specifically designed to minimize fluid flow turbulence. Lip-type ring provides a pressure seal and protection for metal-tometal seating surfaces. Smaller and lighter than Fig. 600 unions and are recommended for manifold and truck mounting where size and weight are critical.



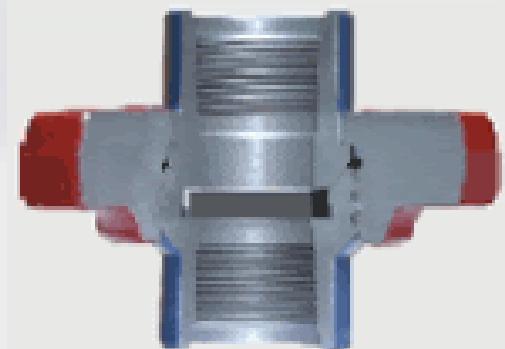
HAMMER UNION

Fig. 1002 Union 10,000 PSI CWP

Size	Length		Nut Radius	weight	Length Butt weld	
	Total (In)	Total CTR. BR (In)			Sch 80	Sch XXH
1	3 1 7/32	1/4	2 5/32	1.59	3 1 7/32	-
1 1/4	4 7/8	1/4	3 7/32	4.54	-	-
1 1/2	4 7/8	1/4	3 7/32	4.10	4 1 1/16	-
2	5 1/4	1/4	3 3/4	6.00	5 1/32	-
2 1/2	6 1/8	3/8	4 1/4	7.95	5 1/8	-
2 1/2 EU	5 15/16	3/8	4 1/4	7.95	-	-
3	6 1/4	3/8	4 1/2	10.00	5 3/8	5 3/8
4	8 1/4	3/8	5 7/32	17.95	5 1 1/16	-
5	-	-	6 1/4	25.90	5 15/16	6 1/8

Fig. 1002 Union 10,000 PSI CWP

Recommended for air, water, oil, gas and mud service to 10,000 PSI NSCWP. This unions has a replaceable lip-type seal ring of Buna-N specifically designed to minimize fluid flow turbulence. The lip-type ring works similarly as in the Fig. 602 unions. These unions are for use on high pressure systems and trucks.



5" size rated at 7,500 PSI CWP and 11,250 PSI test,
5" unions for sour gas rated at 5,000 PSI CWP and 7,500 PSI test.

HAMMER UNION

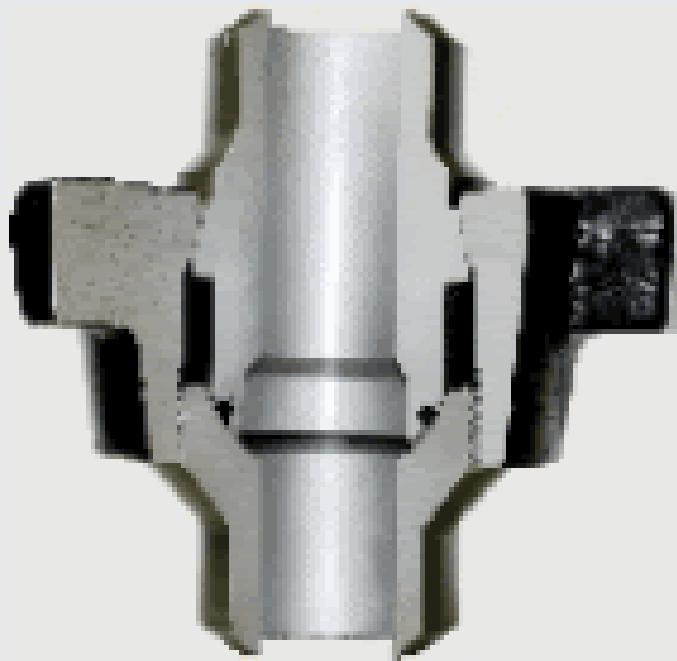


Fig. 1003 Union 10,000 PSI CWP

Size (In)	Length		Nut Radius	weight (Kg)
	Total (In)	Total CTR. BR (In)		
2	4 3/4	-	3 1/2	5.64
3 LP THD	9 1/8	3/8	4 7/8	20.45
3 SCH 160	8 7/8	-	4 7/8	21.60
3 Sch XXH	9 1/8	-	4 7/8	22.00
4 LP THD	10 15/16	1/2	6	32.95
4 SCH 160	10 1 1/16	-	6	34.54
4 SCH XXH	10 15/16	-	6	35.45
5 SCH 160	10 9/16	-	6	33.63
5 SCH XXH	10 15/16	-	6	34.77

Fig. 1003 Union 10,000 PSI CWP

Recommended for high pressure manifolding and drilling rig use where alignment of piping components is a problem. Recommended for air, water, oil, gas or mud service to 10,000 PSI NSCWP. This unions has a ball seat that allows a total of 15 ($\pm 1\frac{1}{2}$) angular adjustment. An 'O' ring seal in addition to the metal-to-metal seat assures a pressure tight connection.

5" size rated at 7,500 PSI CWP and 11,250 test.

5" unions for sour gas rated at 5,000 PSI CWP and 7,500 PSI test

HAMMER UNION

Fig. 1502 Union 15,000 PSI CWP

Size	Length		Nut Radius	weight	Length Buttweld
	Total (In)	Total CTR. BR (In)			
(In)	(In)	(In)	(In)	(Kg)	Sch XXH
1	4 3/8	1/4	2 3/4	3.82	-
2	7	1/4	4	9.54	6 1/4
3	7 5/8	3/8	4 13/16	14.10	5 1/4
4	8 1/2	1/2	6 1/16	34.00	-
5	9 7/64	-	6 45/64	44.40	-

Derates to 10,000 PSI WP for sour service

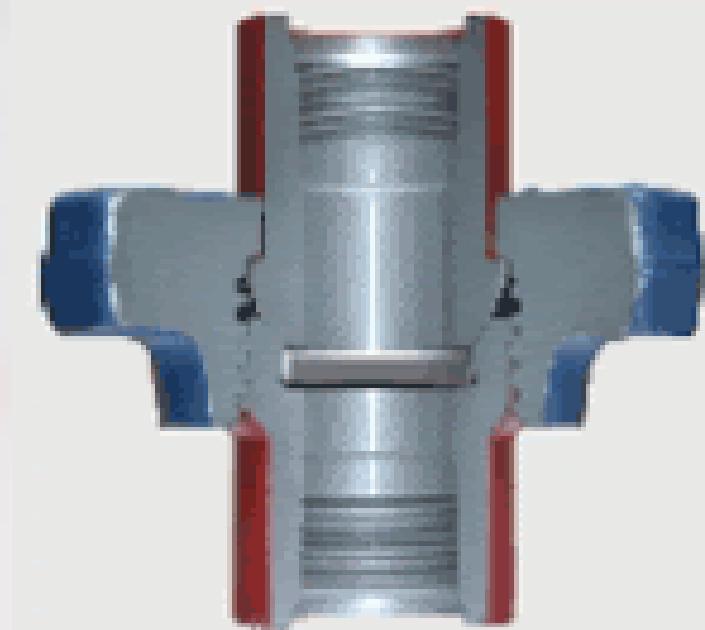


Fig. 1502 Union 15,000 PSI CWP

Recommended for air, water, oil, gas and mud service to 15,000 PSI NSCWP. This unions has a replaceable lip-type seal ring of Buna-N specifically designed to minimize fluid flow turbulence. The lip-type ring also provides a pressure seal and protection for metal to metal seating surface and are recommended for manifold and truck mounting or other installations where high pressure is encountered.

HAMMER UNION

Fig. 2002 Union 20,000 PSI CWP

Size	Length	Nut Radius	weight
(In)	(In)	(In)	(Kg)
2	7 3/8	3 23/32	10.45
3	8 5/8	6 5/32	21.80
4	8 1/2	6	34.50

Fig. 2002 Union 2,000 PSI CWP

Recommended for standard service to 20,000 PSI NSCWP. Available in butt weld end connections only. Available as Fig 2202 for sour service (15,000 PSI WP).

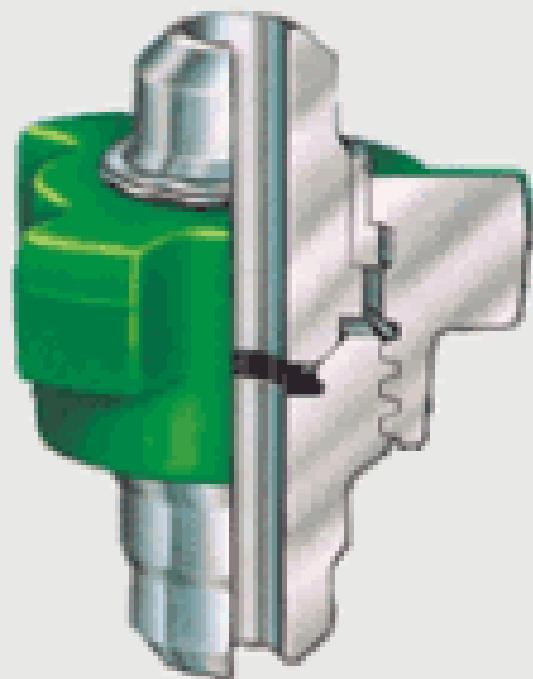


Fig. YH 300 Union 1,000 - 6,000 PSI CWP

Size (In)	CWP	TP	Color	
			Sub	Nut
2-8	500	750	Yellow	Black
1-7	1000	1500	Yellow	Gray
1/4-6	2500	3750	PearlGray	Green
1/4-6	4000	6000	PearlGray	Red
1-4	6000	9000	PearlGray	Blue
1-2	10000	15000	PearlGray	Orange
1/4-1	12500	18750	Silver	Silver



Fig YH 300 Union 1,000-6,000 PSI CWP

It is a flat face Union with 'O'- Ring fitted into the groove of the female sub. The 'O'-Ring is completely enclosed with the flat face of mating part and becomes more effective as additional pressure is applied.

HAMMER UNION



Fig YH 210 Blanking Union 1,000-6,000 PSI CWP

Recommended for

Mud tanks, mud tank connecting lines, and pump suction flanges

- Nitrile seal provides a compression seal.
- Elongated cross-section of seal ring ensures greater sealing surface when in contact with the pipe.
- Accepts up to 7° pipe misalignment.
- 6, 8, and 10-inch sizes require butt-weld.

HOSE UNIONS



Suction Hose Unions - 500 PSI (34 bar)

Maximum Line Pressure, 4", 5" & 6" sizes

Ycapital supplies a range of Suction-hose and Frac Tank Unions in 4", 6" and 8" sizes in pressures ranging from 500 to 1,000 PSI CWP.

Frac Subs/Hose Unions

Ycapital supplies an assortment of other products having usage in varied oilfield applications. In addition to the Frac Subs shown below, Ycapital also manufactures Flange to Wing Adapters, Wing to Wing Adapters, Flanged Tees and Crosses.



SWIVEL JOINTS

Quick Reference

Swivel Joints

Ycapital Available in sizes" through 3" up to 15,000 PSI non shock cold working pressure, Swivel Joints offer the following features

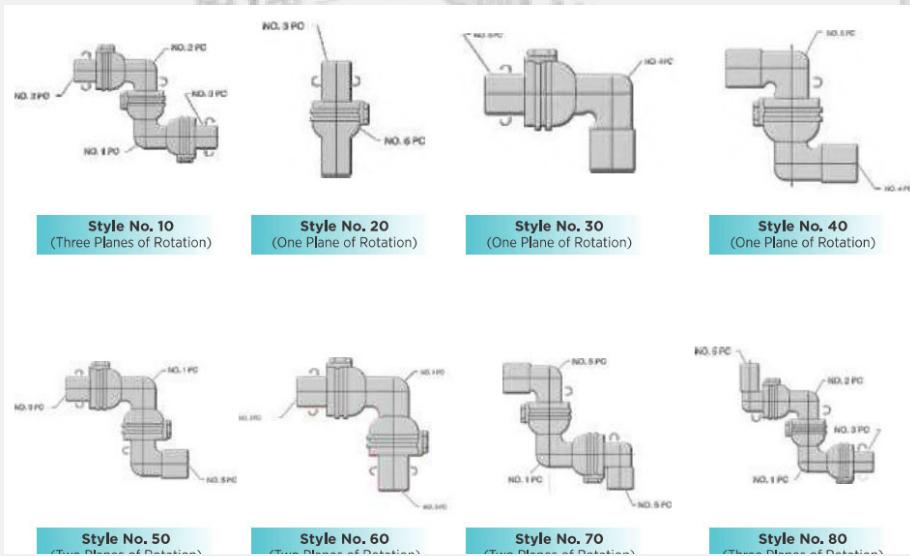
- Minimum flow restriction
- Heavy duty hex head style ball loading plug
- Grease retainer ring (ensures clean ball race)
- Standard packing units (operating temperature to 2250 °F)
- High temperature packing units (operating temperature to 450°F).
- Superior hardened ball races ensure uniform surface hardness and depth for longer life under severe thrust and radial loading
- Standard Swivel Joints are provided with API line pipe threads.
- Other end connections are available on request.
- Available for standard and sour service
- All sizes are available in 8 styles, for 360° rotation in 1,2 or 3 planes

Model	Color Code	NSCWP	End Connections	Standard Service SIZE (in)						Sour Service SIZE (in)						
				3/4	1 ^{1/4}	1 ^{1/2}	1	2	3	3/4	1 ^{1/4}	1 ^{1/2}	1	2	3	
Low Pressure	BLUE	1000	Female Line Pipe Threads					✓	✓							
High Pressure	OLIVE GREEN	6000	Fig. 602 Union												✓	✓
	SILVER	6000	Female Line Pipe Threads	✓	✓	✓	✓	✓	✓							
Extra High Pressure Long Sweep	OLIVE GREEN	7500	Fig. 1002 Union												✓	✓
	OLIVE GREEN	10000	Fig. 1502 Union												✓	✓
	BLACK	10000	Female Line Pipe Threads					✓	✓							
	OLIVE GREEN	15000	Fig. 2202 Union												✓	✓
	RED	15000	Fig. 1502 Union					✓	✓							
	LIGHT BLUE	20000	Fig. 2002 Union					✓	✓							



SWIVEL JOINTS

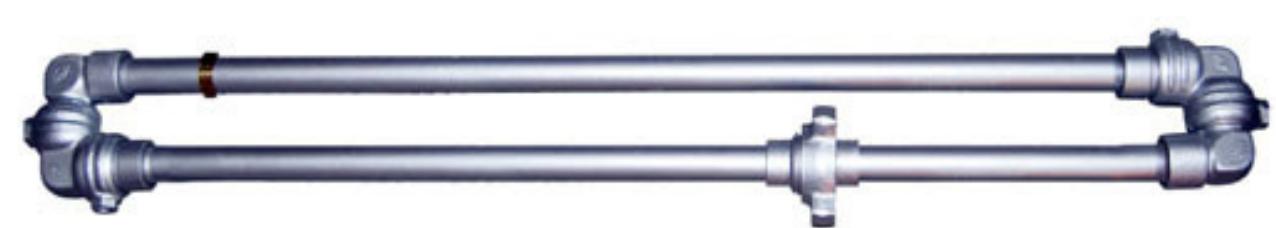
Short Radius Swivel Joints



One wing union and one each style 50 and style 10 swivel joints with integral wing union ends

Four wing unions and two style 50 or style 10 swivel joints with integral wing union ends

Four wing unions and two style 50 or style 10 swivel joints



Long Radius Swivel Joints



High pressure cementing and circulating hose incorporate swivel joints of forged steel with superior quality hardened ball races and high pressure type packing units.

One wing union and two style 50 or style 10 swivel joints with threaded ends

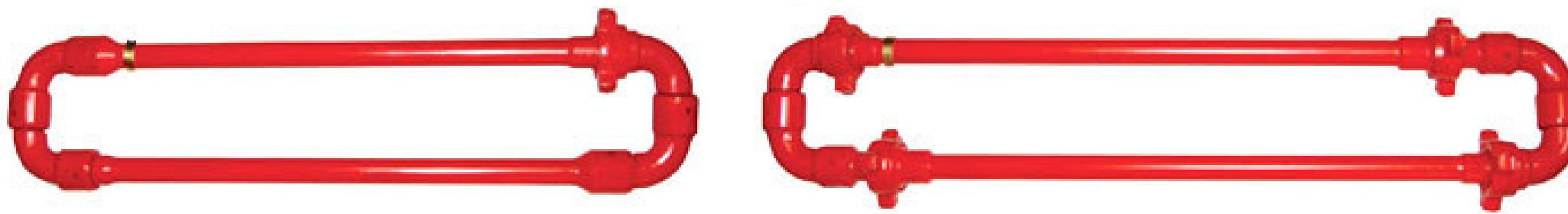
Style No. 50

Style No. 60

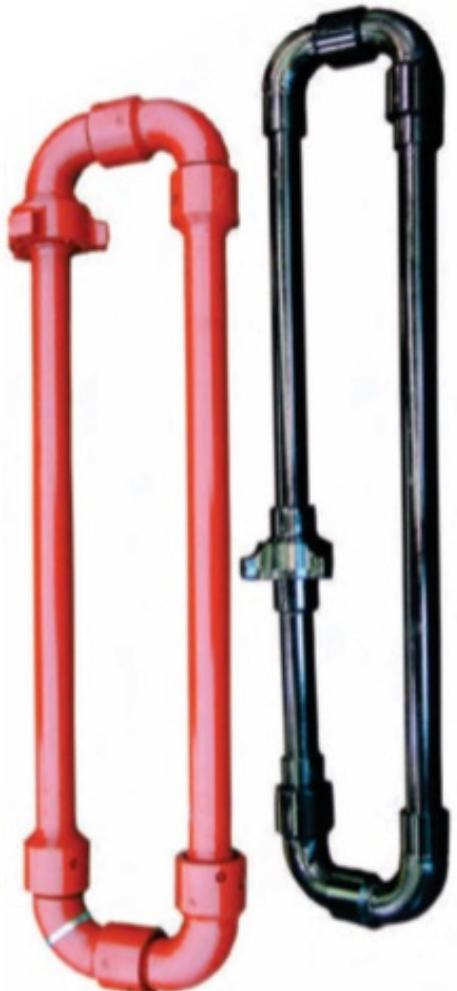
Style No. 70

Style No. 80

HOSE LOOPS



Steel Hose Assemblies



Ycapital Hose Loops are used for a variety of high pressure well service applications including discharge, water, cementing, circulating, well test & temporary flow lines.

Ycapital Hoses utilize field proven **Ycapital** Swivel Joints for greater flexibility, shock, Vibration resistance & more uniform flow. Utilizing **Ycapital** Wing Union end connections for fast pressure tight make-up and break-up

These rugged Hoses handle a full range of fluids to cold pressure up to 15,000psi & come in sizes & configurations to meet any need. Hoses for sour gas services are available at cold working pressure up to 10,000 psi. **Ycapital** Hoses are designed to easily & conveniently fold up for storage & transportation

PUP JOINTS



Integral Pup Joints

- Integral Pup joints are made of high quality alloy steel, integrally constructed, forged ended, and features seamless upset construction
- Detachable wing union and connections enable fast, easy make-up and break-out of temporary flow lines
- Eliminates all welds or threads
- Uniform bore for greater flow capacity
- Pup joints are hydrostatically tested at 15 times the rated cold working pressure
- Available from 2" to 3" sizes, lengths for pup joints range from 1 feet to 10 feet to 15.000 ps working pressure
- Integral pup joints can be made available with two models, one is plain integrat pup joints, another is pup joints with retaining shoulder, integral pup joints with retention shoulder features specially machined shoulder to prevent nut from sliding down pup joints when held vertically



NPST Pup Joints

- NPST Pup joints are made of high quality seamless @eline with male and female detachable Hammer Unions
- Uniform bore for greater flow capacity.
- Available from 2 to 3 sizes, lengths for puo joints range from 1 feet to 10 feet to 15.000 ps working pressure



Butt weld Pup Joints

- Butt weld Pup joints are made of high quality seamless pipeline with male and female Hammer Unions welded to pup Joint pipeline
- Detachable wing union end connections enable fast easy make-up and break-out of temporary flow lines
- Pup joints are hydrostatically tested at 1.5 times the rated cold working pressure
- Available from 2 to 3 sizes, lengths for pup joints range from 1 feet to 10 feet to 6,000 ps working pressure

RING GASKETS

Ring Gaskets

Ycapital are suitable for high pressure and high temperature applications. The Gaskets are available in R, RX, BX styles and in oval/octagonal profiles. Sara manufactures gaskets in accordance with specific tolerances on CNC machines.

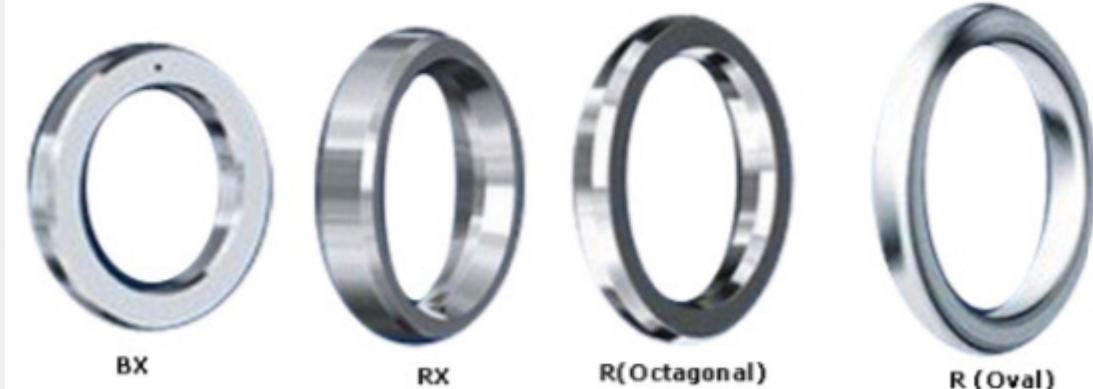
Ycapital Ring Gaskets fully comply with the ASME B16.20 standard and API spec 6A requirements (where applicable). Our manufacture is authorized to monogram Ring Gaskets as per API-6A

Prime Features

- R type (oval and octagonal) solid sections to fit standard ring flanges with trapezoidal grooves.
- Types RX and BX with complex beveled edge sections for wellhead pressures above 700 bar.
- Combination Gaskets - Used where two flanges of different sizes are to be joined together.
- Split Gaskets Used where an API flange is to be joined with a low pressure ANSI Flange where a spiral wound gasket is used.
- Special metal gaskets made to customer specifications

Materials

- Standard: Soft iron, low carbon steel, alloy steels F5 and 410, stainless steels 304, 304L, 316, 316L, 321 and 347.
- Non-standard: high nickel alloys, super alloy steels, and other stainless grades.
- Rubber coated ring gaskets soft iron metal ring joint gaskets are coated with nitrile rubber for testing wellhead assemblies and valves, Rings can be reused and do not damage flange grooves.



API 6A Spec Flange Bolt & Ring Chart									
API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions
20000 psi	2 1/16" R-23	RX-23	8	5/8" 4 3/4"	2 1/16" R-24	RX-24	8	7/8" 6"	
	2 9/16" R-26	RX-26	8	3/4" 5 1/4"	2 9/16" R-27	RX-27	8	1" 7"	
	3 1/8" R-31	RX-31	8	3/4" 5 1/2"	3 1/8" R-31	RX-31	8	7/8" 6 1/4"	
	4 1/16" R-37	RX-37	8	7/8" 6 1/4"	4 1/16" R-37	RX-37	8	1 1/8" 7 1/2"	
	5 1/8" R-41	RX-41	8	1" 7 1/4"	5 1/8" R-41	RX-41	8	1 1/4" 8 1/4"	
	7 1/16" R-45	RX-45	12	1" 7 1/2"	7 1/16" R-45	RX-45	12	1 1/8" 8 1/2"	
	9" R-49	RX-49	12	1 1/8" 8 1/2"	9" R-49	RX-49	12	1 3/8" 9 1/2"	
	11" R-53	RX-53	16	1 1/4" 9 1/4"	11" R-53	RX-53	16	1 3/8" 10"	
	13 5/8" R-57	RX-57	20	1 1/4" 9 1/2"	13 5/8" R-57	RX-57	20	1 3/8" 10 3/4"	
	16 3/4" R-65	RX-65	20	1 1/2" 10 3/4"	16 3/4" R-66	RX-66	20	1 5/8" 12 1/4"	
	21 1/4" R-73	RX-73	24	1 5/8" 12 1/2"	20 3/4" R-74	RX-74	20	2" 15"	
6BX	26 3/4" BX-167		20	1 3/4" 14 1/4"	26 3/4" BX-168		24	2" 17 1/2"	

API 6A Spec Flange Bolt & Ring Chart									
API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions
20000 psi	2 1/16" R-24	RX-24	8	7/8" 6 1/4"	2 1/16" BX-151		8	3/4" 5 1/4"	
	2 9/16" R-27	RX-27	8	1" 7"	2 9/16" BX-152		8	3/4" 5 1/2"	
	3 1/8" R-35	RX-35	8	1 1/8" 7 3/4"	3 1/8" BX-153		8	7/8" 6 1/4"	
	4 1/16" R-39	RX-39	8	1 1/4" 8 1/2"	4 1/16" BX-154		8	1" 7 1/4"	
	5 1/8" R-44	RX-44	8	1 1/2" 10 3/4"	5 1/8" BX-155		8	1 1/8" 8 1/4"	
	7 1/16" R-46	RX-46	12	1 3/8" 11 1/4"	7 1/16" BX-169		12	1 1/8" 9"	
	9" R-50	RX-50	12	1 5/8" 12 1/2"	7 1/16" BX-156		12	1 1/2" 11 3/4"	
	11" R-54	RX-54	12	1 7/8" 14 1/2"	9" BX-157		16	1 1/2" 13 1/4"	
	13 5/8" BX-160		16	1 5/8" 12 3/4"	11" BX-158		16	1 3/4" 15 1/2"	
	16 3/4" BX-162		16	1 7/8" 14 3/4"	13 5/8" BX-159		20	1 7/8" 17 3/4"	
	18 3/4" BX-163		20	2" 17 1/2"	16 3/4" BX-162		24	1 7/8" 17 3/4"	
	21 1/4" BX-165		24	2" 18 3/4"	18 3/4" BX-164		24	2 1/4" 22 1/2"	
6BX					21 1/4" BX-166		24	2 1/2" 24 1/2"	

API 6A Spec Flange Bolt & Ring Chart									
API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions	API Pressure Rating	Flange Size & Bore	Ring Gasket	Number of Studs	Stud Dimensions
20000 psi	1 13/16" BX-151		8	7/8" 5 3/4"	1 13/16" BX-151		8	1" 7 3/4"	
	2 1/16" BX-152		8	7/8" 6 1/4"	2 1/16" BX-152		8	1 1/8" 8 1/2"	
	2 9/16" BX-153		8	1 1/8" 7 3/4"	2 9/16" BX-153		8	7/8" 6 1/4"	
	3 1/16" BX-154		8	1 1/8" 8"	3 1/16" BX-154		8	1 3/8" 10 1/4"	
	4 1/16" BX-155		8	1 3/8" 9 1/2"	4 1/16" BX-155		8	1 3/4" 12 1/4"	
	5 1/8" BX-169		12	1 1/2" 11 1/2"	5 1/8" BX-169		16	2" 17 3/4"	
	7 1/16" BX-156		12	1 1/2" 11 3/4"	7 1/16" BX-156		16	1 1/2" 13 1/4"	
	9" BX-157		16	1 1/2" 13 1/4"	9" BX-157		16	1 3/4" 15 1/2"	
	11" BX-158		16	1 3/4" 15 1/2"	11" BX-158		16	1 3/4" 17 3/4"	
	13 5/8" BX-159		20	1 7/8" 17 3/4"	13 5/8" BX-159		20	1 7/8" 19 1/2"	
	16 3/4" BX-162		24	1 7/8" 17 3/4"	16 3/4" BX-162		24	2 1/4" 21 3/4"	
	18 3/4" BX-164		24	2 1/4" 22 1/2"	18 3/4" BX-164		24	2 1/2" 24 1/2"	
6BX	21 1/4" BX-166		24	2 1/2" 24 1/2"	21 1/4" BX-166		24	2 1/2" 24 1/2"	

API FLANGES

API 6A Flanges

Ycapital is a supplier of various types of Flanges & Pipes Fittings required by the oilfield petrochemical & other industries. Providing precision & unparallel dedication to quality excellence in our products in the fore front of the oil industry.

Weldneck Flange / Threaded Flange / Blind Flange / Test Blind Flange

API Specified 6B Weld Neck Flanges have restricted bores to match standard pipe sizes and schedules. API Spec 6A Specified, 6 BX Weld Neck Flanges, have material and dimensions that conform to the requirements for full bore integral flanges. API Spec 6A does not specify overall length of 6BX Weld Neck Flanges, but instead provides dimensions of specific portions of the flange, with tolerance, that are added together, along with an undefined weld bevel, to achieve a length.

Customers may specify weld neck length if required.



Blind Flange



Weld Neck Flange



Threaded Flange



Test Blind Flange

ADAPTER FLANGES

Ycapital Wellhead Flange Adapters are designed to be used in the upper most position on wellheads & therefore enables wireline & other well service operations to be performed through the wellhead into the well bore. Ycapital Wellhead Flange Adapters are available in various bore sizes & with quick union connections. Additionally Flange/Adapters are supplied for standard or H2S service & working pressure up to 15,000 psi.



INTERGRAL FITTINGS

Traceability

Ycapital unions are supplied with full traceability documentation for each component,

Nom. Size in.		1	1.5	2		3			4			
Figure No.		1502	1502	602	1502	2002	602	1502	2002	602	1002	1502
CWP (PSI)		15,000	15,000	6,000	15,000	20,000	6,000	15,000	20,000	6,000	10,000	15,000
Elbows	 F x M Wt. (Kg.)	-	-	10	12.6	-	24.5	22.9	-	40.4	40.4	-
	 F x M Wt. (Kg.)	-	-	12.4	14.7	-	45.6	46.3	100	-	-	-
	 M x M Wt. (Kg.)	-	-	16.3	18.5	-	52.2	54.9	-	-	-	-
	 F x F Wt. (Kg.)	-	-	8.2	10.9	-	38.1	39.5	-	-	-	-
Tees	 F x F x F Wt. (Kg.)	13.2	15.4	12	13.2	14.5	50.8	51.7	99.8	44.9	45.8	90.7
	 F x F x M Wt. (Kg.)	14.4	18	14.2	17	19	56.2	58	115	51.7	52.6	106
	 F x M x F Wt. (Kg.)	14.4	18	14.2	17	19	56.2	58	115	51.7	52.6	106
	 F x M x M Wt. (Kg.)	15.9	21.1	16.3	20.9	23.6	61.7	64.4	129	57.6	59	122

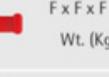


INTERGRAL FITTINGS



Traceability

Ycapital unions are supplied with full traceability documentation for each component,

Nom. size in.		1	1.5	2	3	4						
Figure No.		1502	1502	602	1502	2002	602	1502	2002	602	1002	1502
CWP (PSI)		15,000	15,000	6,000	15,000	20,000	6,000	15,000	20,000	6,000	10,000	15,000
Tees	 M x M x F Wt. (Kg.)	15.9	21.1	16.3	20.9	23.6	61.7	64.4	129	57.6	59	122
	 M x M x M Wt. (Kg.)	17.2	23.6	18.6	24.7	28.1	67.1	70.8	144	64	64.9	137
Longsweep Elbow	 M x M Wt. (Kg.)	-	-	12.2	34.15.4	-	30	29.5	-	46.3	46.3	-
	 F x F x F x F Wt. (Kg.)	-	31.8	26.3	26.8	-	71.2	61.7	-	65.3	65.5	-
Crosses	 F x F x M x F Wt. (Kg.)	-	35	28.1	30	-	76.2	80.7	-	71.2	71.2	-
	 F x F x M x M Wt. (Kg.)	-	37.6	30.4	33.1	-	81.6	83	-	77.1	77.1	-
Crosses	 F x M x M x F Wt. (Kg.)	-	37.6	30.4	33.1	-	81.6	83	-	77.1	77.1	-
	 F x M x M x M Wt. (Kg.)	-	40.4	32.7	36.3	-	87.1	89.4	-	83	83	-
Laterals	 M x M x M x M Wt. (Kg.)	-	142.6	35	39.5	-	92.1	95.7	-	89.4	89.4	-
	 M x F x F Wt. (Kg.)	26.3	27.9	21.5	24.3	-	-	40.1	-	53.1	78.9	141
Wyes	 F x F x F Wt. (Kg.)	25.4	-	-	-	-	-	40.9	-	-	-	-
	 M x F x F Wt. (Kg.)	-	20	12.7	12.2	12.7	-	-	-	-	-	-

PLUG VALVE



Plug Valve

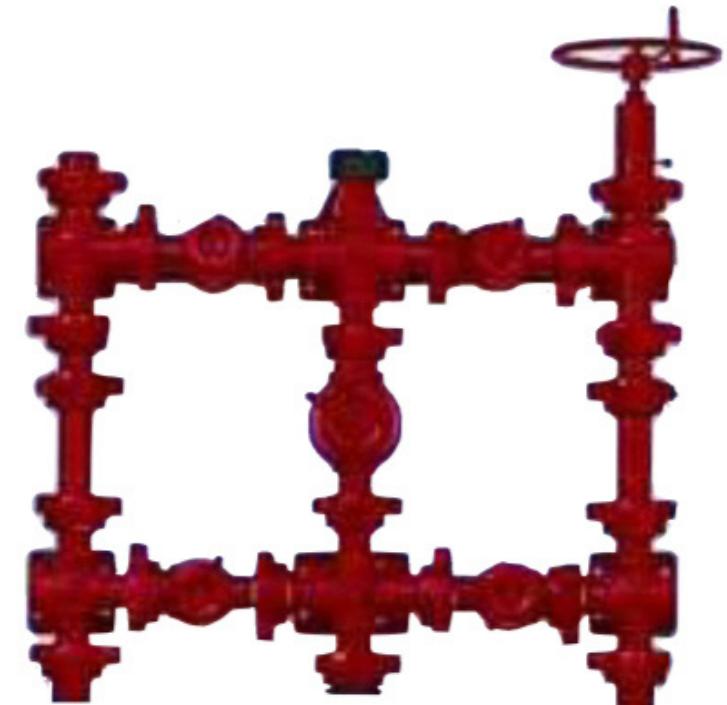
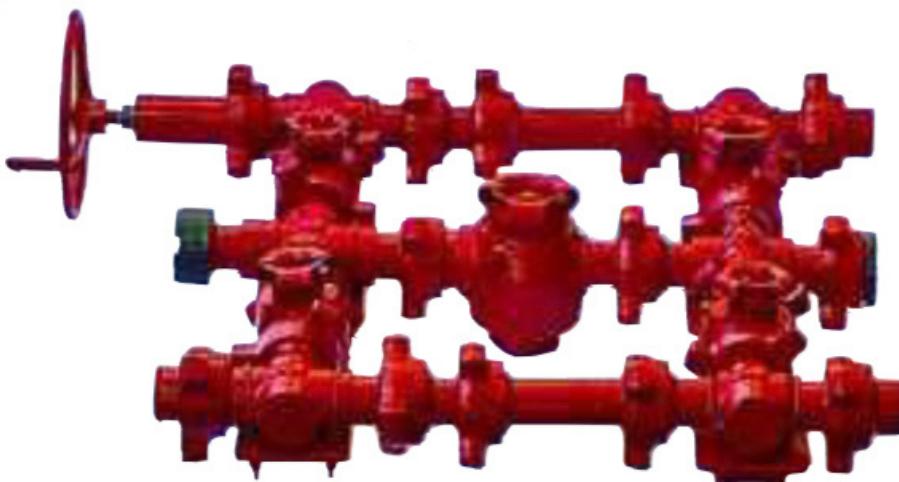
- Standard services is used up to 15,000 psi, tested at 22,000 psi
- H2S service is used up to 10,000psi, tested at 15,000 psi
- Rugged Construction with Forged Alloy Steel Body.
- Reliable Performance at high working pressure at high working pressure.
- Bottom entry, top entry design easy maintenance.
- Valve parts are interchangeable with most applications such as fracturing, cementing, acidizing and others.
- Each Valve is serialized.
- MTR & Test Reports are available at any time.



MANIFOLDS

Manifolds

Ycapital can supply manifolds: Choke & kill, frac cement, multi-well, discharged, flow thru, test and circulation Manifolds. Ycapital Manifolds are available in pressure ratings up to 15,000 psi CWP. Manifolds are available in both standard & sour service. Ycapital manifolds can be skidded as per customer specification with 1x2, 2x2, 3x3 1502 Plug Valves. Manifolds can be custom made for Bottom Entry Low Torque Plug Valves or top entry Premium Plug Valves. Complete data package is provided include Material Test Reports. Plug Catcher Manifolds available upon request as well as Actuated Plug Valve Manifolds.



CHOKE VALVES

2" 1502 Positive Choke Valve



2" 1502 Adjustable Choke Valve



3" 1502 Adjustable Choke Valve



Traceability

- 2" Fig 1502 Male X Female with 3/4" or 1" 3 Fig 1502 Male X Female with 2" Orifice.
- Standard service is used up to 15,000 psi & tested at 22,000 psi.
- H2S service is used up to 10,000 psi & tested at 15,000 psi.
- Hammer Union End Connection.
- Forged alloy steel body, stainless steel & tungsten carbide parts.
- Parts are interchangeable with major brands.
- Suitable for a broad range of applications including wellheads, Well testing, Stream injections, choke and kill manifolds and well clean operations etc.

CHOKE VALVES

API 6A Choke Valve

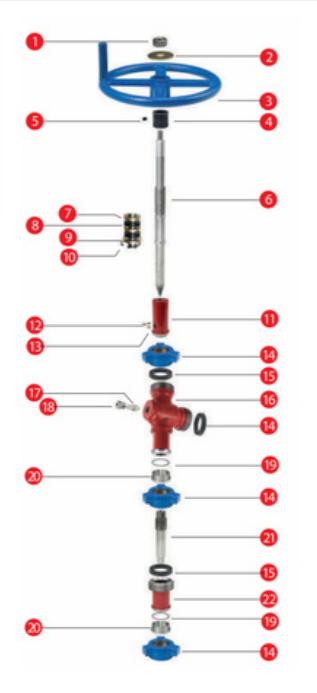
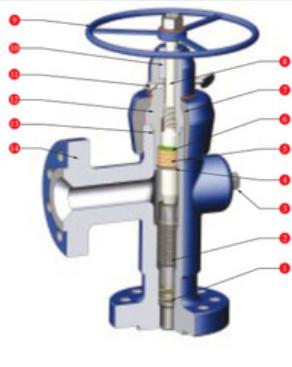
API 6A Choke Valve

Features: Long life and Low maintenance Body to bonnet contact behind the O-Ring Seal eliminates bonnet seal extrusion. A Locking device is set on stem. Ideal for many flow regulating services and easily convertible to a Positive Choke. The Stem of adjustable Choke are made of high strength alloy steel. The materials have the feature of abrasion, erosion resistance and reliable serviceability. The Valve and Seat can be removed by hand, without special tools, without removal the valve body from the line, by simply removing the bonnet.

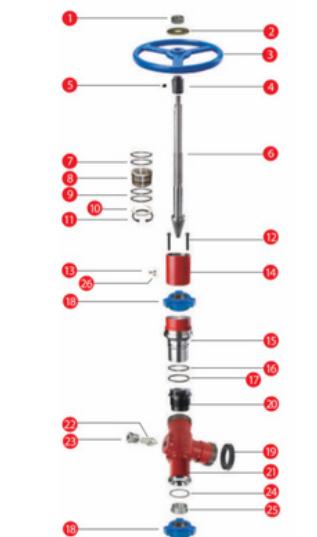
Specifications:

• Basic Design and Test	API-6A
• Working Pressure	2000, 3000, 5000, 10000, 15000, 20000 (Psi)
• Main Nominal Size(in)	N60, N62, 1-13/16, 2-1/16, 2-9/16, 3-1/16, 3-1/8, 4-1/16
• Product Specification Level	PSL1, PSL2, PSL3, PSL4
• Performance Requirement Level	PR1, PR2
• Material Class	AA, BB, CC, DD, EE, FF
• End Connection	Flanged, Thread, Flanged and Thread

ANSI
400, 600, 900, 1500, 2500 (LB)
2, 2-1/2, 3, 4, 6, 8
PSL1, PSL2, PSL3, PSL4
PR1, PR2
AA, BB, CC, DD, EE, FF
Flanged, Weld



2" Adjustable Choke Valve



3" Adjustable Choke Valve



CHOKE VALVES

Choke VALVE

Features: Body to bonnet connect behind the O-Ring seal eliminates bonnet seal extrusion. The Bean of positive choke of ceramic or hard alloy steel. Both have the feature of abrasion resistance, erosion resistance and reliable serviceability. Flow Bean chamfers are available from 2/64" to 64/64". in 1/64" increments for precise regulations of flow rate. The Choke Beam may be dismantled quickly for change of beam.

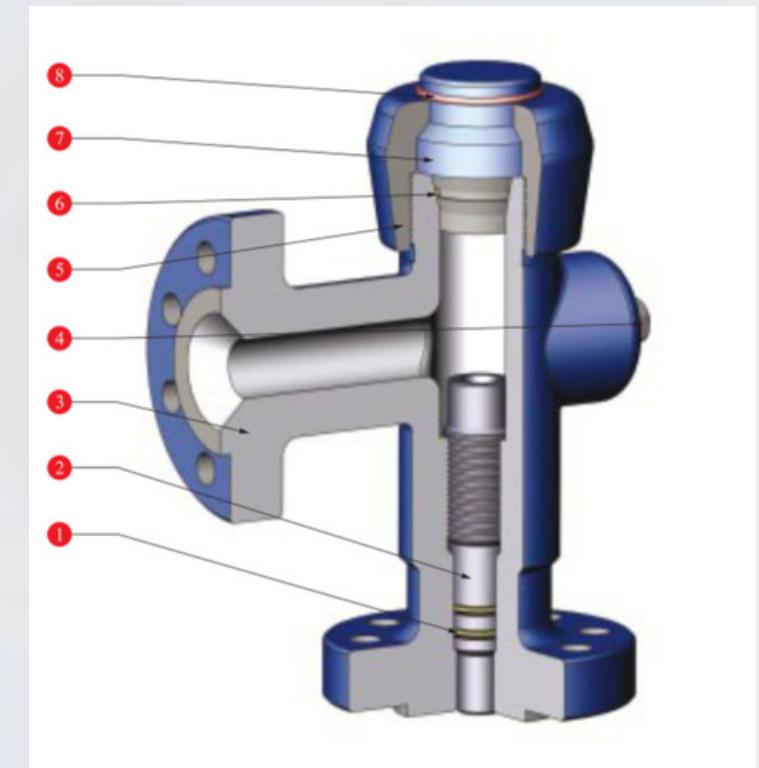


Specifications :

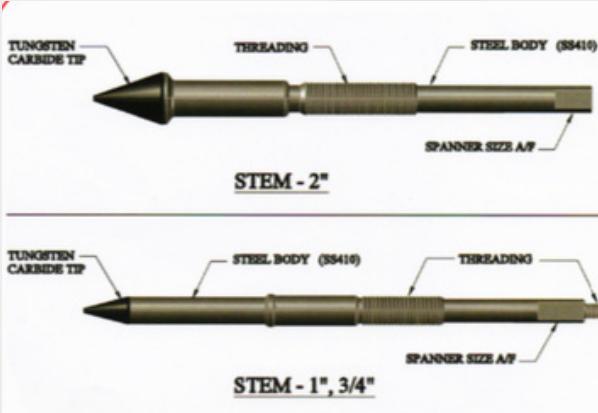
- Basic Design and Test
- Working Pressure (Psi)
- Main Nominal Size (in)
- Product Specification Level
- Performance Requirement Level
- Material Class
- End Connection

API-6A

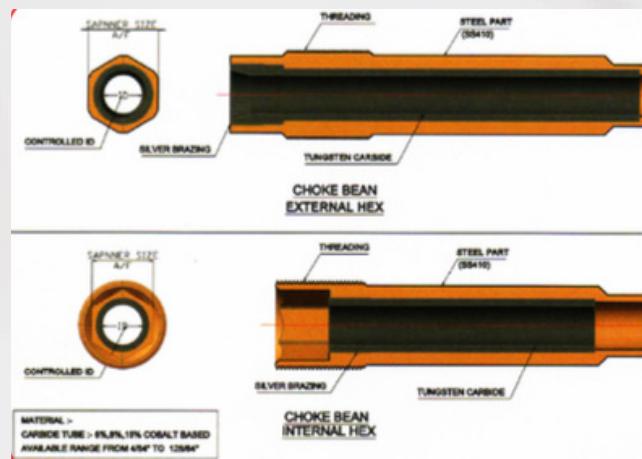
2000, 3000, 5000, 10000, 15000, 20000
1-13/16, 2-1/16, 2-9/16, 3-1/16, 3-1/8, 4-1/16
PSL1, PSL2, PSL3, PSL4
PR1, PR2
AA, BB, CC, DD, EE, FF
Flanged, Thread, Flanged and Thread



SEAT & STEM



Ycapital supplies Bean Chokes all over the world we are known for international standards. Supplying a wide range of Bean Chokes to match OCT type FC140, Thronill Craver, Gray Tool Cameron & custom made types. These are mated with precise diameter Seat that forms the Choke through which all the abrasive/corrosive fluids must pass. Beans are available in complete range sizes (4/64 to 128/64). Generally identified by the Choke diameter stated in the 64th of an inch. **Ycapital** will supply Tungsten Carbide/Zirconia lined Choke Beans & Carbide stems. In addition to other custom designed Flanges, Positive Chokes, Threaded Adjustable Chokes, Steam & Seats.



A Choke is used to control the flow of fluids & is usually mounted on or close to the Christmas Tree. High pressure gas/oil, with abrasive sand minerals pass through these Chokes at high speed causing a rapid wear. **Ycapital** Bean Chokes have steel housing which may be nitride and are lined with Tungsten Carbide or Zirconia Ceramic inserts, to protect them from corrosive, erosive and abrasive wear.





Ycapital LLC

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positivelok@gmail.com
Phone +91-9867599055



Unit 2
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At Sakat Sanala, Near Hyundai
Showroom
Rajkot - Morbi, State Highway
No - 24 Morbi Gujarat 3363641
INDIA



Unit 3
Verval Survey No.163/1-P,Plot
No.6/A,
S.I.D.C. Road (Near Bansi Forge),
Veraval (Shapar),RAJKOT,
GUJARAT-360024
India

