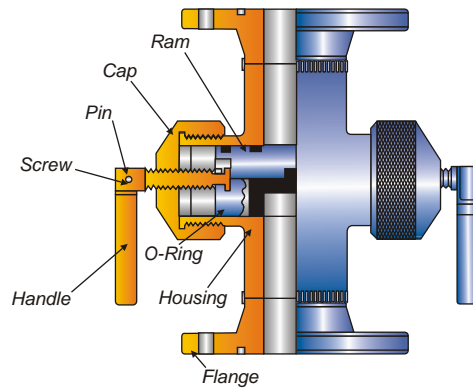




BLOWOUT PREVENTERS



Flanged - Both Ends

PARVEEN Blowout Preventers are designed to give positive protection against blowouts when operating with sucker rods in well service work, by providing a positive seal around sucker rod.

They may be permanently installed between the tubing head and the pumping tee, or between the tee and the stuffing box. The BOP can also be used to pack off a pumping well by sealing on the polished rod or on the sucker rods.

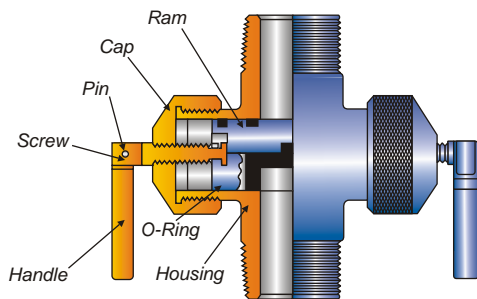
These BOP's are available with a wide selection of ram sizes and in a variety of pressure ratings with the choice of flanged or threaded end connections (thread sizes range from 1.1/2" NU to 7" API casing). Standard manually operated BOP can be modified for hydraulic activation.

CONNECTIONS	VERTICAL BORE	WORKING PRESSURE
2.3/8"	1.90"	2,000PSI
2.7/8", 3" LP & 2.9/16 FLANGED	2.44"	2,000PSI
2.7/8" EUE	2.44"	5,000PSI
3" LP, 3.1/2" NU & FLANGED	3"	3,000PSI
3.1/2" EUE	2.99"	5,000PSI
4" LP & FLANGED	4"	3,000PSI

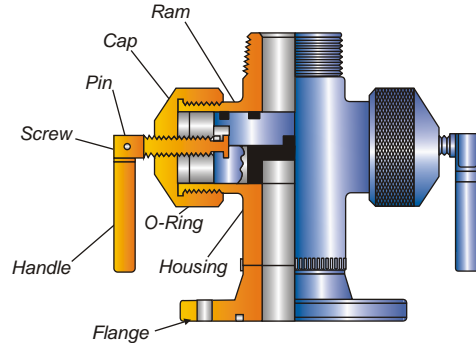
* Other sizes available on request.



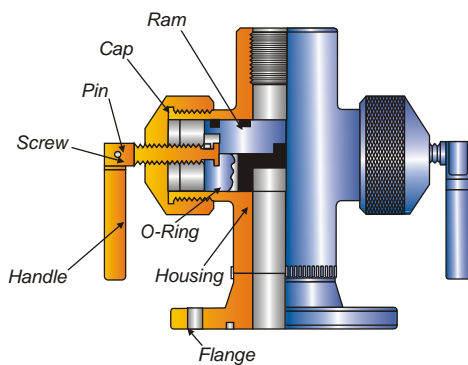
BLOWOUT PREVENTERS



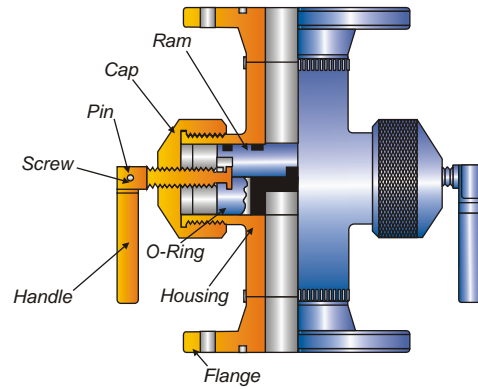
Thread - Both Ends



Flanged - Male Thread



Flanged - Female Thread



Flanged - Both Ends

SPECIFICATIONS

Body Material	Alloy steel
Flange Material	Alloy steel as per API standards.
Ram Material	AISI 4130/4140 Steel with Viton or Nitrile Inserts.
Cap Material	Alloy steel.
Screw Material	AISI 4130/4140 forged steel quenched and tempered.
*O-Ring	Viton or Nitrile Durometer 75 ± 5
Pressure Rating	2000, 3000, 5000 PSI - working pressure.
Service Application	Nace MR-01- 75 sour service.
Temperature	- 40° F + 300° F

* Nitrile rubber material is used for low temperature service. Viton rubber material is used for high temperature service. Customer must specify which type.



STUFFING BOX

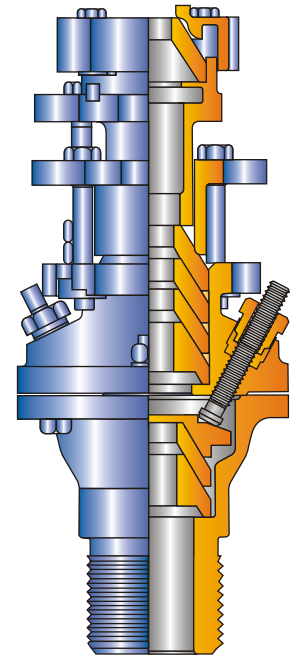
DOUBLE PACKED STUFFING BOXES (DPSB)

Parveen Stuffing boxes are exceptionally rugged and built for safe, efficient performance even under the tough operating conditions. It provides a mean of replacing packing under pressure. It posses a mis-aligning feature that eliminates the need for exact alignment of pumping unit.

Polished Rod size - 1" - 1.3/4"

Tubing Size	Wt. Lbs.
2"	50
2.1/2"	51
3.1/2"	52
4"	56

Bottom Conn. Male



ROD CLAMPS

PARVEEN Rod clamps are designed for fast installation, and made from forged steel for providing greater holding power. The combination of hinge pin and bolt results in superior gripping capability and gives high clamping efficiency.

SPECIFY MODEL OF CLAMP			
Description	Polished Rod Size	Approx. Weight lb.	Approx. Weight kg.
Model A	1" - 1.1/8" - 1.1/4" - 1.1/2"	10	4.54
Model B	1.1/8" - 1.1/4" - 1.1/2"	24	10.89
Model C	1.1/8" - 1.1/4"	9	4.08



SPECIFY MODEL AND POLISHED ROD SIZE			
PART LIST BOLT, NUT & WASHER			
MODEL	BOLT SIZE	WEIGHT lb PER SET	WEIGHT kg PER SET
Model A	1" x 4.1/2"	1.3/4	.79
Model B (2 Sets Required)	1" x 5"	2	.91
Model C	1" x 3"	1.1/2	.68



* Super-strong heat-treated steel forgings * Fast, simple installation * High clamping efficiency and maximum safety



PUMPING TEE

PARVEEN Pumping Tees are forged, which give better control on material. This versatile selection of high quality flow tees is available in a wide range of API pipe sizes and threads.

Any special combination of sizes 2" through 4", including 2" bleeders can be provided upon request. All tees come optional with a No-Corrode material.

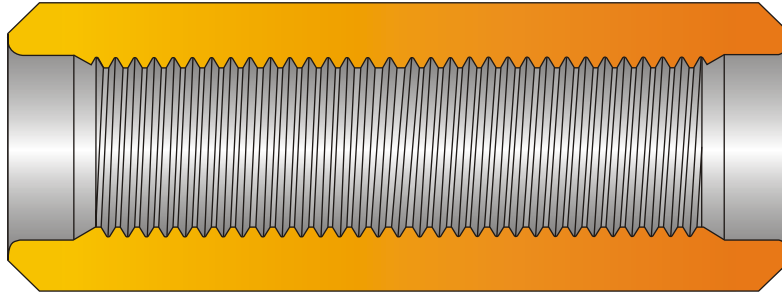
PARVEEN Dual string pumping tees are designed for use on dual string wells having minimum tubing center to center distances. These tees can be screwed onto one string of tubing without touching the other string. 1-1/4" and 1-1/2" sizes are ideal on slim hole well hookups.



HEAVY DUTY "RED" TEES, 3000 PSI WORKING PRESSURE - 6000 PSI TEST						
ITEM NO.	BOTTOM THREAD (PLAIN OR EUE)	TOP THREAD (PLAIN OR EUE)	SIDE OUTLET (L.P.)	BLEEDER	HT.	WT. LBS.
PT-7	2"	2"	2"	1"	6"	9
PT-13	2" MALE	2"	2"	1"	7 1/4"	7
PT-8	2"	2 1/2"	2"	1"	7 1/4"	13
PT-17	2"	3"	2"	1"18"	21"	
PT-1	2"	3"	3"	1"	8"	18
PT-18	2 1/2"	2"	2"	1"	7 1/4"	13
PT-11	2 1/2"	2 1/2"	2"	1"	7 1/4"	13
PT-14	2 1/2" MALE	2 1/2"	2"-2 1/2"	1"	8"	10
PT-9	2 1/2"	2 1/2"	2 1/2"	1"	7 1/4"	12
PT-19	2 1/2"	2 1/2"	3"	1"	8"	20
PT-12	2 1/2"	3"	2"	1"	8"	20
PT-10	2 1/2"	3"	2 1/2"	1"	8"	20
PT-16	2 1/2" MALE	3"	2"	1"	8"	10
PT-2	2 1/2"	3"	3"	1"	8"	18
PT-20	3"	2 1/2"	2"	1"	8"	20
PT-21	3"	2 1/2"	2 1/2"	1"	8"	20
PT-22	3"	2 1/2"	3"	1"	8"	20
PT-23	3"	3"	2"	1"	8"	20
PT-3	3"	3"	3"	1"	8"	20
PT-25	3"MALE	3"	2"-3"	1"	9 1/2"	19
PT-4	4"	3"	3"	1"	7 3/4"	22
PT-24	4"	4"	3"	1"	7 3/4"	21
PT-6	4"	4"	4"	1"	7 3/4"	18
PST-15	1 1/2 Plain	1 1/2 Plain"	1 1/2"	1"	6"	5
PST-20	1 1/2" EUE & 2" Plain or EUE	2" Plain or EUE	2"	1"	6"	6
PST-25	2 1/2" Male or Female	2 1/2"	2"	1"	8"	12
LIGHTWEIGHT "YELLOW" TEES 2500 PSI WORKING PRESSURE - 5000 PSI TEST						
YT	2"	2"	2"	1"	5 3/4"	8"
YT	2 1/2"	2 1/2"	2 1/2"	1"	6"	9"



SUCKER ROD COUPLING



Sub Coupling

Sucker Rod Coupling :

PARVEEN offers 'T' and "SM" grades of Sucker Rod Coupling. Both the grades are manufactured with high grade steels (AISI 8630). The threads of both the grades of coupling are coating for anti-galling properties. Dimension, Tolerance and manufacturing inspection of these couplings conform or exceed the requirement of API-11B latest Edition.

Grade SM. CO-HARD Sucker Rod Coupling :

These couplings are made of 8630 alloy steel and offer excellent resistance to H₂S. The Base metal is prepared to a NO.:1 finish per NACE before spany.

Sub Couplings:

PARVEEN Sub Couplings are used to connect different sizes of Sucker Rod or to connect the Polish Rod to Sucker Rod string. All threads are as per API-11B Polish Rods.

These are available in 'T' and "SM" grades and with recessed ends and double box.



ROLLER GUIDES

Parveen Roller guides centralize the rod string and reduce friction during stroking, and also reduce wear on sucker rods and tubing.

Guide Couplings should be installed:

- On the first two or three rods above the bottom hole pump.
- Intermittently throughout the rod string where wear is indicated on rods or tubing.
- Where known hole deviation occurs.
- On the first two or three rods below the stuffing box.

APPLICATIONS AND DIMENSIONS					
APPLICATION (1)	MAXIMUM ROD LOAD	DIMENSIONS (INCH)			WEIGHT
		X	Z	Y	
5 /8" ROD / 2-3 /8" TUBING	12,366	1.50	27	1.80	10 lbs.
3 /4" ROD / 2-3 /8" TUBING	19,600	1.50	27	1.80	10 lbs.
5 /8" ROD / 2-7 /8" TUBING	12,366	1.50	27	2.25	10 lbs. 2 ozs.
3 /4" ROD / 2-7 /8" TUBING	19,600	1.50	27	2.25	10 lbs. 8 ozs.
7 /8" ROD / 2-7 /8" TUBING	22,400	1.625	27	2.25	11 lbs. 5 ozs.
3 /4" ROD / 3-1 /2" TUBING	19,600	1.50	31	2.75	12 lbs. 6 ozs.
7 /8" ROD / 3-1 /2" TUBING	22,400	1.625	31	2.75	15 lbs.
1" ROD / 3-1 /2" TUBING	35,000	2.0	31	2.75	19 lbs.

(1) Temperature Caution

Standard models are for applications in wellbore temperature up to 175° F. (fitted with ultra high molecular weight polyethylene wheels). For service in higher temperature, Special metal wheels are used.

MATERIALS OF CONSTRUCTION

Guide/Coupling Body

Standard guide/coupling bodies are machined from cold rolled steel.

Special Metals

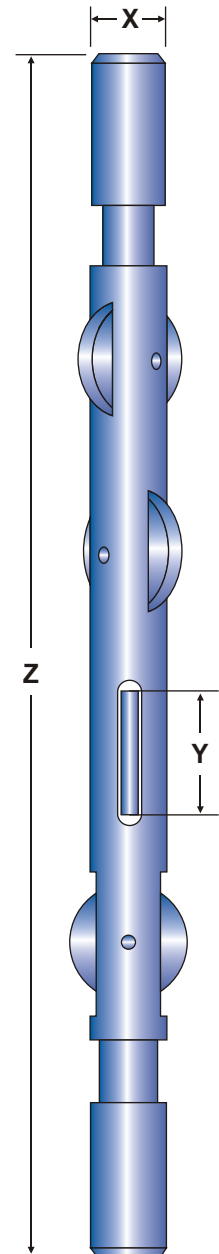
Other metals such as 17-4 PH steel are available on special order to meet some specifications for extra strength and/or corrosion resistance.

Wheels and Roll Pins

Wheels are set on stainless Steel journals and roll pins. Standard wheels, for applications up to 175° F are made of ultra high molecular weight polyethylene.

Replacement Kits

Wheels and roll pins are field replaceable; replacement kits of wheels and roll pins are standard order items.



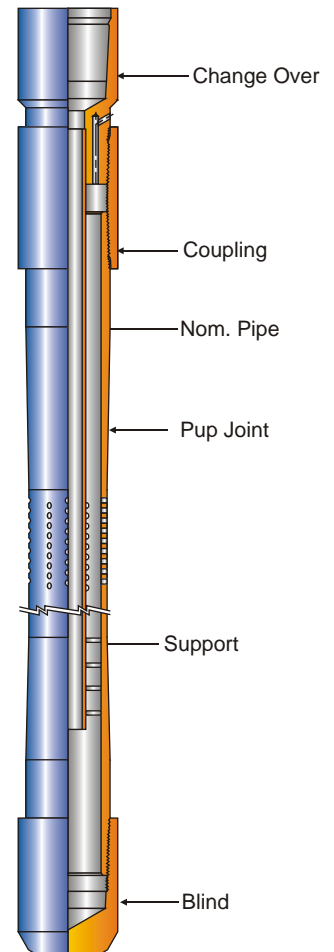


GAS ANCHORS

PARVEEN Crossover gas anchors improve rod pump efficiency and eliminate or reduce fluid pound to extend pump life. Other sizes available upon request.

SIZE	A	B	C	D
2.7/8"	3.1/2"	4"	1" Nom.	2.7/8" EUE
3.1/2"	4.1/2"	4.7/8"	1.1/2" Nom.	3.1/2" EUE

* Other sizes available on request.



Gas Anchor

SUCKER ROD WRENCHES

Rod Buster

The PARVEEN Rod Buster Sucker Rod Wrench is made of high-grade alloy steel, hardened to resist wear. This lightweight (6lb.) rugged tool is excellent for manual makeup and breakout of sucker rod joints. It features a counterbalanced grip to reduce fatigue. The cross-section of the handle is oval, which provides a natural resistance to the wrench spinning when gripped. The head is spring-loaded and a hardened steel bushing is provided between the wrench head and handle.

Spin Wrench

The PARVEEN Wrench is a one-piece tool manufactured from high tensile strength alloy steel. The wrench opening fits the square on sucker rods and is accurately machined to reduce user fatigue.

Rod Guides

PARVEEN advanced rod guide designed to remove paraffin and act as centralizer to minimize wear on both tubing and rod couplings. PARVEEN engineers continually develop new rod guide materials and designs to aid in well site productivity. The combinations of PARVEEN rod guides provide the benefits of wear distribution and paraffin removal.

Rod Lubricator

PARVEEN polished rod lubricator is designed for use on problem wells which either pump-off or flow-off. With a capacity of 1 quart the lubricator features a felt wick that lubricates the polished rod by applying oil on both the up and down strokes.