WYOMING COMPLETION TECHNOLOGIES
THE BEST DOWN HOLE TOOLS IN THE WORLD



PRODUCT CATALOG

2026

WYOMING COMPLETION TECHNOLOGIES, INC.
1110 Road 9 * PO Box 46
Powell, Wyoming 82435
Phone: (307) 754-5429 * Fax: (307) 754-5927
Email: sales@wyomingcompletions.com
Website: www.wyomingcompletions.com

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Wyoming Completion Technologies
1110 ROAD 9, P.O. Box 46
Powell, WY 82435
PH (307) 754-5429 FAX (307) 754-5927

January 13, 2026

Wyoming Completion Technologies is a small oil tool manufacturing and design firm located in Powell, Wyoming. We began operation in 1998 and have grown at a very rapid rate ever since. Our company slogan is “We manufacture the best down hole oil tools in the world”. We fully believe this and stand behind our tools. We currently deliver tools around the world and are in the process of a company expansion to increase our manufacturing capacity. We have our own design team with licensed professional engineers and are able to customize tools based on individual customer needs. We look forward to working with you to supply your oil tool needs.

Sincerely,

Scott J. Hecht, P.E.
President
Wyoming Completion Technologies
PH: (307) 754-5429
FAX: (307) 754-5927

Credit Application

DATE:_____

PLEASE FILL OUT THE APPLICATION, RELEASING ALL INFORMATION TO US. WE RESERVE THE RIGHT TO REFUSE CREDIT BASED ON THE INFORMATION GIVEN US.

NAME/BUSINESS:_____

ADDRESS:_____

TELEPHONE:

BUSINESS:( ) _____ **MOBILE:**( )_____ **HOME:**( )_____

NATURE OF BUSINESS: _____

BANK NAME: _____ **PHONE :** ( )_____

ADDRESS: _____

SALES TAX EXEMPTION #: _____ **STATE:**_____

REFERENCES: (MINIMUM OF THREE) MUST LIST PHONE NUMBERS: (MUST BE BUSINESS FIRMS THAT HAVE EXTENDED CREDIT TO YOU IN THE PAST. UTILITY COMPANIES [GAS, LIGHTS] AND PERSONAL NOT ACCEPTABLE.)

NAME:_____**PHONE:** ( )_____

REMARKS: _____ **FAX:** ( )_____

NAME: _____ **PHONE:** ( )_____

REMARKS: _____ **FAX:** ( )_____

NAME: _____ **PHONE:** ( )_____

REMARKS:_____ **FAX:** ( )_____

NAME: _____ **PHONE:** ( )_____

REMARKS:_____ **FAX:** ( )_____

I AGREE TO THE CREDIT TERMS OUTLINED IN MY CONTRACT WITH **WYOMING COMPLETION TECHNOLOGIES, INC.** AND UNDERSTAND THAT PAYMENTS ARE TO BE MADE IN THE STATED TIME FRAME. ANY PAYMENTS 10 DAYS OVER DUE CONTRACT SHALL BE CONSIDERED IN DEFAULT.

CREDIT LIMIT DESIRED: _____

SIGNATURE OF APPLICANT:_____

SIGNATURE OF COMPANY AGENT: _____

RECOMMENDATIONS:_____

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WYOMING COMPLETION TECHNOLOGIES, INC.
GENERAL TERMS AND CONDITIONS

Acceptance of Terms and Conditions by Buyer

Buyer's acceptance of the product by purchase order, acknowledgment or otherwise shall be deemed to be acceptance of all terms and conditions herein contained and no other terms and conditions, regardless of any variation or addition to any of these terms and conditions as may be specified by Buyer in its order or acknowledgment, unless WCT agrees to such other terms and conditions in writing and signed by an authorized representative of WCT. The failure of WCT to object to any provisions contained in the order or acknowledgment submitted by Buyer or any other communication from Buyer (including, without limitation, penalty clauses of any kind) shall not be construed as waiver of these terms and conditions nor an acceptance of any such provisions. In the event of any inconsistency between the terms and conditions herein and the provisions on the face hereof or on any supplement attached hereto by WCT, the provisions contained on the face or on any such supplement shall control.

Price/Quotations

All requests for quotations should be directed to
Wyoming Completion Technologies, Inc., hereafter known as WCT
P. O. Box 46
Powell, WY 82435
Phone (307) 754-5429 Fax (307) 754-5927
Prices, rates and terms are subject to change without notice, except for quotations which are good for the specified period.

Delivery

Delivery dates on all orders are given as accurately as practical and effort will be made to make shipment as noted, but WCT does not guarantee the delivery date and assumes no liability for damages arising out of failure to do so, irrespective of the delay or cause.

Packing

All shipments are packed as to avoid breakage, rust or deterioration in transit, but no guarantee is offered against such damage.

Loss

WCT shall not be responsible for loss or damage to goods in transit or for delays of carriers in the delivery of goods. WCT's responsibility ceases when the carrier receives the shipment. In case of shortage or apparent damage, details of the same should be noted by the carrier's agent on the freight or express bill before customer accepts delivery. In case of concealed damage carrier should immediately be called in to inspect the package and damaged goods. In all cases it is the responsibility of the customer to file claims and deal with the carrier. WCT shall not be responsible for loss or damage to goods in transit.

Return Policy

1. Upon making written request and receiving approval, new unused products of WCT's which are considered stock items of current manufacture by WCT may be returned for credit, provided the request is received within 180 days after the purchase date.
2. Requests for the return of merchandise should show original purchase order number, invoice number, description of goods, and purchase date. All requests should be mailed to WCT at the above address.
3. The credit allowed on returned goods is a merchandise credit and is applicable only against future purchase of WCT products.
4. Credit will be allowed only under the above conditions and based on the original purchase price. Restocking charges will apply in all cases of material return and are computed as follows: (A) A 10% charge will apply to material returned within 60 days of purchase date. (B) An additional 10% charge per 30 day period or portional part thereof will apply to material returned beyond 60 days from purchase date and within 180 days from purchase date. WCT may at our option offer or decline merchandise credit for material return requests beyond 180 days from purchase date.
5. In addition to the above restocking charges, all costs, if any, for reconditioning the products returned will apply as a reduction of merchandise credit.
6. After the return is authorized by WCT, the purchaser will ship prepaid to the point designated by WCT.

Order Cancellation

All orders, written or verbal, are considered firm and may not be canceled except under the terms applicable to our material return policy.

Design Changes

WCT expressly reserves the right to change or modify the design and construction of any product in due course of our manufacturing procedure without incurring any obligation or liability to furnish or install such changes, modifications or improvements on products previously or subsequently sold. WCT reserves the right to substitute materials without notice.

Taxes

Any taxes or charges which the Seller may be required to pay or collect under any existing or future law upon or applicable to the sale, purchase, manufacture, processing, transportation, delivery, storage, use or consumption of any of the materials covered hereby shall charged to the account of the Buyer.

Terms

Unless otherwise specified, published and quoted prices are due and payable thirty (30) days NET CASH. Credit terms beyond thirty (30) days net will be furnished on request. Interest at the current maximum allowable rate will be charged after due date. All settlements are subject to approval of Credit Department. All bills payable in U. S. funds in Powell, Park County, Wyoming.

Credit

Shipments will be made on open account to those concerns who have established credit standing with WCT or who are satisfactorily rated in commercial reference books. In order to expedite shipment, others should furnish reference, or remit with order, or request C.O.D. shipment. In all cases WCT is not required to accept sales on open account and may choose to request C.O.D. payment. WCT also requires a substantial deposit for special or non-stock purchases.

Warranty

WCT warrants that products, or parts thereof, sold, rented, or leased to a customer, when properly installed, used and maintained, shall be free from original defects in material and workmanship. WCT makes no other warranty, expressed or implied. WCT does not warrant that products, or parts thereof, are suitable for any particular use or will accomplish any particular results. Liability under this warranty is limited to the replacement of or credit for the defective merchandise which is returned within one year after the shipment date from WCT.

Limitation of Liability

1. The total liability of WCT on any claim, whether in contract, tort or otherwise, arising out of, connected with, or resulting from the manufacture, sale, delivery, resale, repair, replacement or use of any product or the furnishing of any service shall not exceed the price allocated to the product or service or part thereof which gives rise to the claim.
2. In no event shall WCT be liable, either directly or indirectly, for any special, incidental or consequential damages including, but not limited to, damages for loss of revenue, cost of capital, claims of customers for service interruptions or failure of supply and costs and expenses incurred in connection with labor, overhead, transportation or substitute facilities or supply sources.
3. Buyer shall release, indemnify, defend and hold WCT harmless against any and all liability for loss of the hole, blowout/crater (including costs to control same), reservoir damage and pollution, regardless of the sole or concurrent negligence of WCT.

Cumulative Remedies

All rights and remedies of WCT specifically set forth herein shall be cumulative and in addition to any other or further rights and remedies provided in law or equity. Failure of WCT to insist upon strict performance of any term condition herein shall not be deemed to be a waiver of WCT's rights and remedies. No waiver by WCT of any default by Buyer of any term or condition herein shall be effective unless in writing and signed by an authorized representative of WCT, nor shall any such waiver constitute a waiver of any other default of the same default on a future occasion.

Assignment

Neither party may assign this Agreement except upon written consent of the other party(s), whose consent shall not unreasonably be withheld. If assigned with the proper consent this Agreement shall inure to the benefit of and be binding upon the successors of assigns of the parties.

Waiver

The waiver by either party of the breach of any provision hereof by the other party shall not be deemed to be a waiver of the breach of any other provision of provisions hereof or of any subsequent or continuing breach of such provision or provisions.

Governing Law

The parties agree that this Agreement shall be construed, interpreted and governed in accordance with the laws of the State of Wyoming.

Entire Agreement

This written Agreement constitutes the entire agreement between the parties. No promises, agreements or warranties additional to this Agreement shall be deemed a part thereof, nor shall any alteration or amendment of this written Agreement be effective without the express written agreement of all parties. In the event this Agreement is translated into a language other than English, the English version of the Agreement will govern its construction. -END-

 SIGNATURE OF APPLICANT _____

DOWNHOLE PRODUCT CATALOG 2026

WYOMING COMPLETION TECHNOLOGIES

BEST DOWNHOLE TOOLS IN THE WORLD

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TEST VALVES



RETRIEVABLE BRIDGE PLUGS

- Wireline Adapter Kits (WAK)
- Pulling Tools
- 15K Retrievable Bridge Plug



CAST IRON BRIDGE PLUGS

- Type B (Non-Convertible)
- Frac Plugs
- Type A (Convertible)
- Extended Range
- Hydro-Mechanical Bridge Plug & Setting Tool



CEMENT RETAINERS

- 10K
- 5K
- Flapper Valve Style



WIRELINE SETTING EQUIPMENT

- Retainer Wireline Adapter Kits (RWA)
- Bridge Plug (CPAK)
- Retainer Wireline Adapter-GO (RWA-G)
- Bridge Plug Wireline Adapter-GO (CPGWA)
- Composite Wireline Adapter (CWA)
- Xtended Range Wireline Adapter (XWA)
- Wireline Setting Tool
- Shorty Wireline Setting Tool (GO)



MECHANICAL SETTING EQUIPMENT

- Drag Block Style
- Bow Spring Style
- Stinger Assemblies



HYDRAULIC SETTING EQUIPMENT

- Hydraulic
- Single Trip
- Hydro-Mechanical (See Under Cast Iron Bridge Plug)



COMPOSITE TOOLS

- Composite Bridge Plug (CCBP)
- Composite Frac Plug (CCFP)
- Composite Cement Retainer (CCR)
- Semi-Composite Cement Retainer (SCCR)
- Semi-Composite Bridge Plug (SCCP)
- Aluminum Semi-Composite



FLOAT EQUIPMENT & CENTRALIZERS

- Float Shoes
- Stab-In Float Shoes
- Reamer Shoes
- Float Collar
- Integral Stop Collar
- Latch-On Stop Collar
- Flexible Centralizer
- Rigid Centralizer
- Solid Centralizer



MISCELLANEOUS

- Shear Studs
- Dissolvables
  - Bridge Plugs
  - Frac Plugs
- Drop-Off Bit Sub
- Tubing Centralizer
- Sandline Drill
- Pressure Activated Frac Sleeve
- Anchor Catchers
  - Drag Block Style
  - Bow Spring Style
- Packers
  - Limit 75
  - Retrievable
  - Straddle
    - ~ Pulling Tool
    - ~ Wireline Adapter Kit
- Indexing Tool
- Indexing Retrieving Tool
- Ceramic Disk Subs
- Pump Down Sub
- Profile Nipples
- Seating Nipples
- Sand Pump Bailer
- Wash Over

TEST VALVE



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Test Valve is a high pressure, ball type, fluid control valve suitable for pressure testing tubing, acidizing, and formation treatments.

FEATURES/BENEFITS

- Valve can be opened or closed with tubing in tension, compression or neutral
- Holds pressure from above or below
- ½ turn to open or close
- Can be set for right- or left-hand opening
- Compatible with high pressure
- Opening or closing can be repeated as often as desired

APPLICATIONS

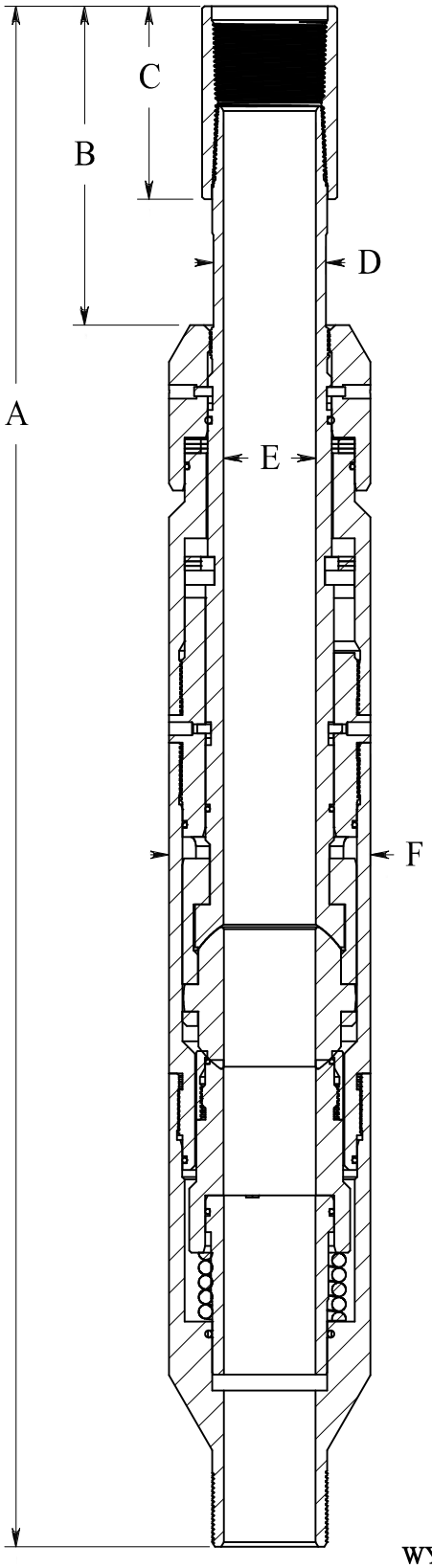
- Pressure testing tubing string
- Washing & acidizing perforations
- Formation surging
- Formation fracturing
- Formation isolation & testing

TECHNICAL DATA

Product Number	*O.D.*	*I.D.*	*Standard Box x Pin*
19TV	3.250	1.375	1.900 EU 10 RND
23TV-1.75	3.771	1.750	2-3/8 EU 8 RND
23TV-2.0	4.500	2.000	2-3/8 EU 8 RND
27TV-2.5	5.500	2.500	2-7/8 EU 8 RND
35TV	6.75	3.05	3-1/2 EU 8 RND

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TEST VALVE

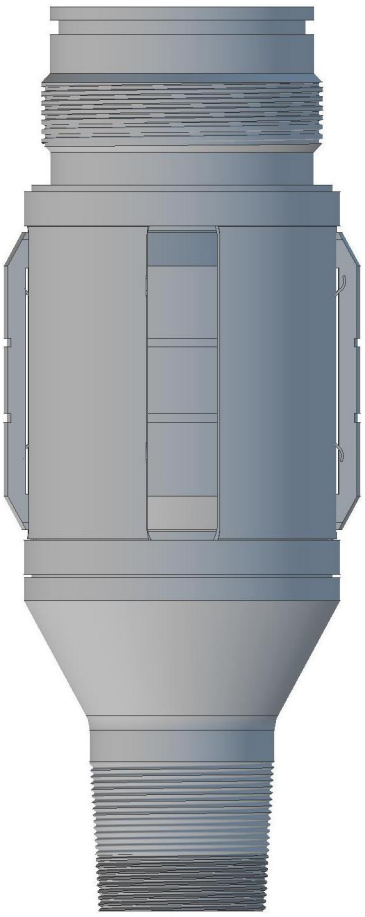


TEST VALVE
LENGTHS & DIAMETERS

TOOL	LENGTH			OD	ID	OD
	A	B	C	D	E	F
19TV-1.90	37.50	9.00	4.50	1.88	1.38	3.24
23TV-1.75	37.50	9.75	5.25	2.31	1.75	3.77
23TV-2.0	40.25	9.50	5.00	2.56	2.00	4.48
27TV-2.5	42.00	9.50	5.25	3.06	2.50	5.48
35TV-3.75	43.42	9.33	5.80	3.75	3.05	6.75

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DRAG BODY ASSEMBLY



DESCRIPTION

The Wyoming Completion Technologies "DBA" is a test valve accessory that allows a trip to test tubing eliminating any chance of a "wet trip" if the tubing is not leaking. The drag body assembly can be set for moot standard casing sizes.

FEATURES/BENEFITS

The drag body assembly provides tool to casing contact, allowing the test valve to be run and manipulated without a host packer.

TECHNICAL DATA

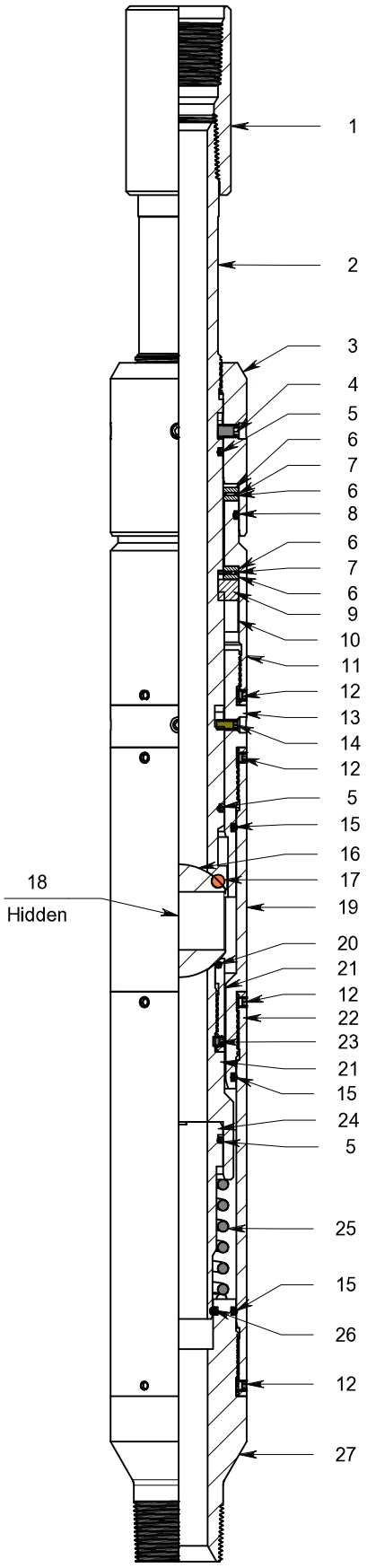
Product #	*Drag Body Assembly*	*O.D./I.D.*	*Drag Pad*	*Drag Block Spring*	*Standard Box x Pin*
19TVAA	19TVDBA	*3.24/ 1.38*			1.900 EU 10 RND
23TVAA-1.75	23TVDBA-1.75	*3.765/ 1.760*	DP450	43MST21	2-3/8 EU 8 RND
23TVAA-2.0	23TVDBA-2.0-23	*4.490/ 2.010*	DP560	43MST21	2-3/8 EU 8 RND
23TVAA-2.0	23TVDBA-2.0-27	*4.490/ 2.010*	DP560	43MST21	2-7/8 EU 8 RND
27TVAA-2.5	27TVDBA-2.5	*5.48/ 2.515*	DP800	47MST21	2-7/8 EU 8 RND

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1.9" TEST VALVE

WYOMING COMPLETION TECHNOLOGIES

Part #
19TV



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLING	1	19E19NC
2	MANDREL	1	19TV01
3	BEARING RETAINER	1	19TV02
4	SOCKET SET SCREW	4	5/16-18 x 1/2
5	O-RING	3	225-90D Nitrile
6	RACE	4	TRD 3446
7	BEARING	2	NTA 3446
8	O-RING	1	231-90D Nitrile
9	BEARING SEGMENTS (SET OF 2)	1	19TV04
10	MANDREL STOP	1	19TV05
11	BEARING STOP	1	19TV03
12	STEEL SET SCREW	12	1/4-20 X 3/16
13	TORQUE TUBE	1	19TV06
14	BRASS SET SCREW	4	5/16-18 x 1/2 B
15	O-RING	3	230-90D Nitrile
16	BALL	1	19TV09
17	CARBIDE BALL	1	19TV15
18	CONTROL ARMS	1	19TV08
19	BALL HOUSING	1	19TV07
20	O-RING	1	224-90D Nitrile
21	VALVE SEAT ASSEMBLY	1	19TV11
22	PISTON HOUSING	1	19TV10
23	Set Screw	3	1/4 - 20 x 1/4
24	PISTON	1	19TV12
25	COMPRESSION SPRING	1	19TV13
26	O-RING	1	223-90D Nitrile
27	BOTTOM SUB	1	19TV14

* NOTE: SEE PAGE (2) FOR A COMPLETE LIST OF REVISIONS

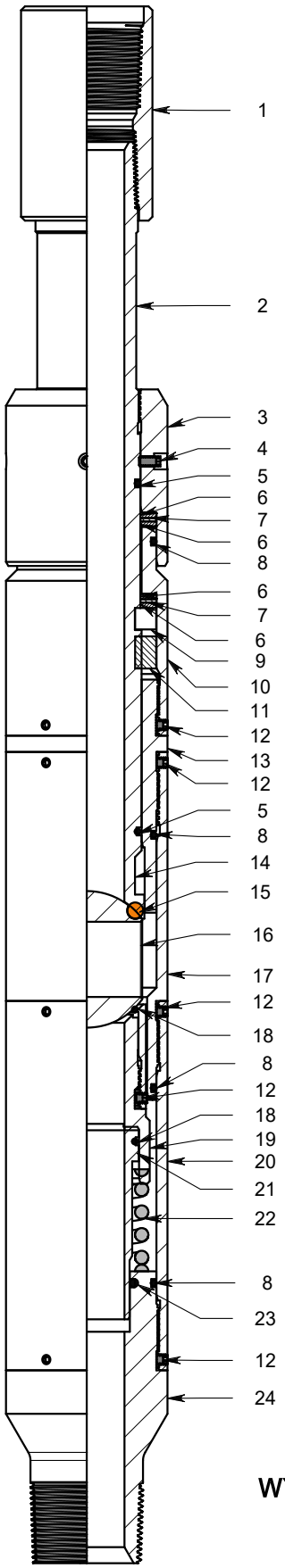
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WEIGHT	
DATE	REV.
02/01/2021	3

2-3/8" x 1.75" TEST VALVE

WYOMING COMPLETION TECHNOLOGIES

Part # 23TV-1.75



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	COUPLER	1	23E23NC-1.75
2	MANDREL	1	23TV01-1.75
3	BEARING RETAINER	1	23TV02-1.75
4	SOCKET SET SCREW	4	5/16-18 x 1/2
5	O-RING	2	228-90D Nitrile
6	RACE	4	TRD 4052
7	BEARING	2	NTA 4052
8	O-RING	4	234-90D Nitrile
9	BEARING SEGMENT (SET OF 2)	1	23TV04-1.75
10	BEARING STOP	1	23TV03-1.75
11	MANDREL STOP	1	23TV05-1.75
12	SOCKET SET SCREW	15	1/4 - 20 x 1/4
13	TORQUE TUBE	1	23TV06-1.75
14	CONTROL ARMS	1	23TV08-1.75
15	CARBIDE BALL	1	23TV15-1.75
16	BALL	1	23TV09-1.75
17	BALL HOUSING	1	23TV07-1.75
18	O-RING	2	227-90D Nitrile
19	VALVE SEAT ASSEMBLY	1	23TV11-1.75
20	PISTON HOUSING	1	23TV10-1.75
21	PISTON	1	23TV12-1.75
22	COMPRESSION SPRING	1	23TV13-1.75
23	O-RING	1	226-90D Nitrile
24	BOTTOM SUB	1	23TV14-1.75

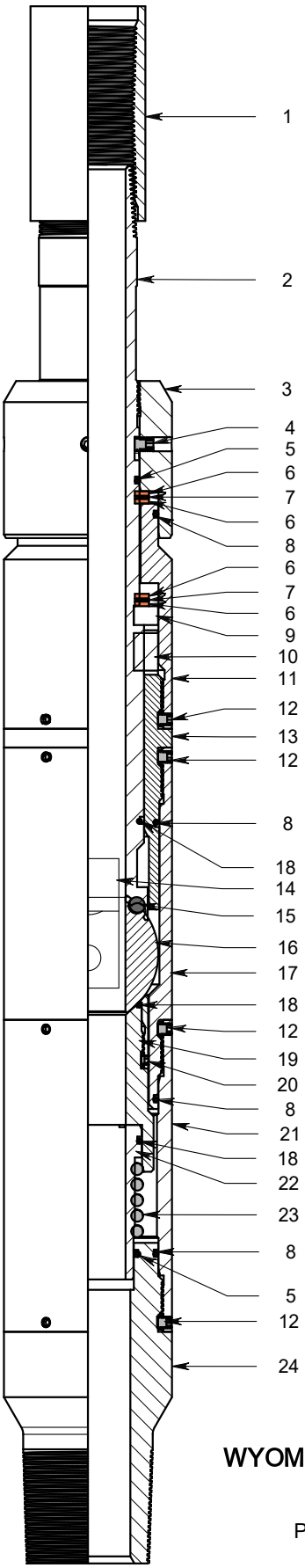
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Phone: (307) 754-5429 * Fax: (307) 754-5927
Email: sales@wyomingcompletions.com
Website: wyomingcompletions.com

WEIGHT		
DATE	04/06/2026	REV. 1

2-3/8" x 2.0" TUBING TEST VALVE

WYOMING COMPLETION TECHNOLOGIES

Part #
23TV-2.0



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLING	1	23E23
2	MANDREL	1	23TV01-2.0
3	BEARING RETAINER	1	23TV02-2.0
4	STEEL SET SCREW	4	3/8 -16 x 1/2
5	O-RING	2	230-90D Nitrile
6	RACE	4	TRD 4458
7	BEARING	2	NTA 4458
8	O-RING	4	238-90D Nitrile
9	BEARING SEGMENTS	1	23TV04-2.0
10	MANDREL STOP	1	23TV05-2.0
11	BEARING STOP	1	23TV03-2.0
12	SOCKET SET SCREW	12	5/16-18 x 3/8
13	TORQUE TUBE	1	23TV06-2.0
14	CONTROL ARMS	2	23TV08-2.0
15	CARBIDE BALL	1	23TV15-2.0
16	BALL	1	23TV09-2.0
17	BALL HOUSING	1	23TV07-2.0
18	O-RING	3	231-90D Nitrile
19	VALVE SEAT ASSEMBLY	1	23TV11-2.0
20	SOCKET SET SCREW	3	1/4-20 X 3/16
21	PISTON HOUSING	1	23TV10-2.0
22	PISTON	1	23TV12-2.0
23	COMPRESSION SPRING	1	23TV13-2.0
24	BOTTOM SUB	1	23TV14-2.0

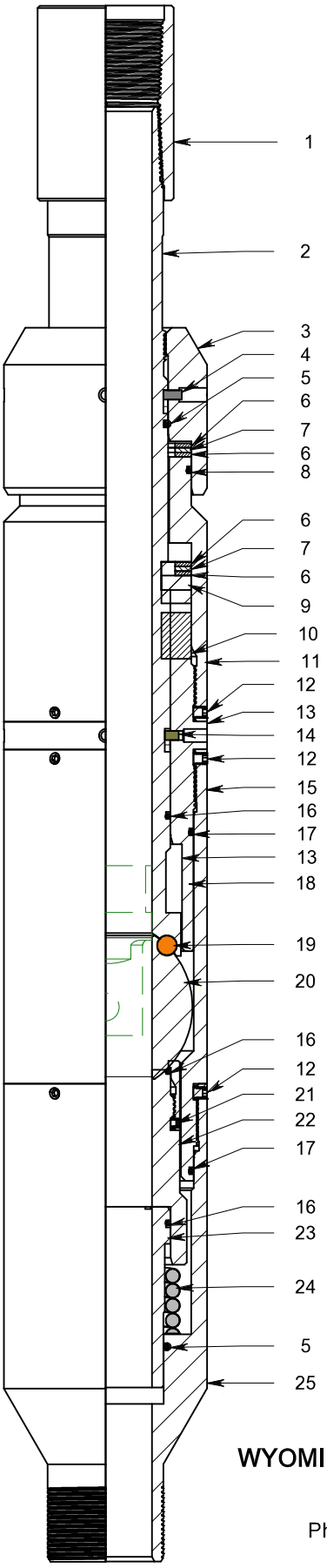
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WEIGHT		
DATE	04/06/2026	REV. 1

2-7/8" x 2.5" TEST VALVE

WYOMING COMPLETION TECHNOLOGIES

Part #
27TV-2.5



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	27TV01-2.5
3	BEARING RETAINER	1	27TV02-2.5
4	SOCKET SET SCREW	4	5/16 -18 x 1/2
5	O-RING	2	235-90D Nitrile
6	RACE	4	TRD 6074
7	BEARING	2	NTA 6074
8	O-RING	1	245-90D Nitrile
9	BEARING SEGMENTS	2	27TV04-2.5
10	MANDREL STOP	1	27TV05-2.5
11	BEARING STOP	1	27TV03-2.5
12	SOCKET SET SCREW	9	5/16 -18 x 3/8
13	TORQUE TUBE	1	27TV06-2.5
14	BRASS SHEAR SCREW	4	5/16 -18 x .375 B
15	BALL HOUSING	1	27TV07-2.5
16	O-RING	3	236-90D Nitrile
17	O-RING	2	246-90D Nitrile
18	CONTROL ARMS	2	27TV08-2.5
19	CARBIDE BALL	1	27TV15-2.5
20	BALL UNIVERSAL	1	27TV09-2.5
21	SOCKET SET SCREW	3	1/4 -20 x 1/4
22	SEAT ASSEMBLY	1	27TV11-2.5
23	PISTON	1	27TV12-2.5
24	SPRING	1	27TV13-2.5
25	BOTTOM SUB	1	27TV14-2.5

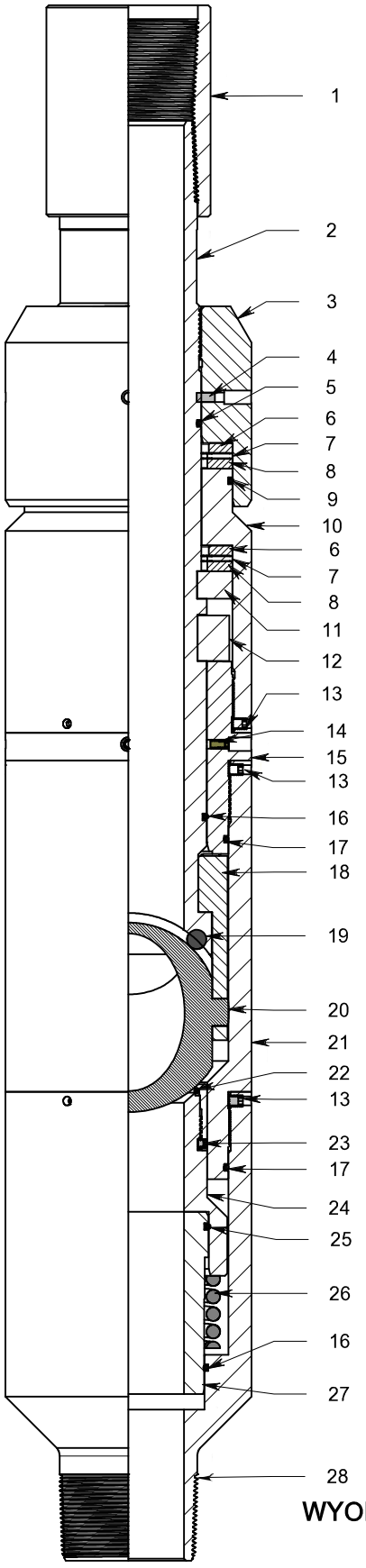
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DATE	REV.
	0

3-1/2" TEST VALVE

WYOMING COMPLETION TECHNOLOGIES

Part # 35TV



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLER	1	35EC
2	MANDREL	1	35TV01
3	BEARING RETAINER	1	35TV02
4	SOCKET SET SCREW	4	5/16-18 x 1/2
5	O-RING	1	240-70D Nitrile
6	BEARING HOUSING WASHER - WS81122	2	35TV18
7	THRUST ROLLER BEARING - AXK 110145	2	35TV19
8	BEARING SHAFT WASHER - GS81122	2	35TV20
9	O-RING	1	254-90D Nitrile
10	BEARING STOP	1	35TV03
11	BEARING SEGMENT	1	35TV04
12	MANDREL STOP	1	35TV05
13	SOCKET SET SCREW	10	5/16-18 x 3/8
14	BRASS SET SCREW	4	5/16-18 x 1/2 B
15	TORQUE TUBE	1	35TV06
16	O-RING	2	243-90D Nitrile
17	O-RING	2	252-90D Nitrile
18	CONTROL ARM	2	35TV08
19	CARBIDE BALL	1	27TV15-2.5
20	BALL	1	35TV09
21	BALL HOUSING	1	35TV07
22	O-RING	1	239-90D Nitrile
23	SOCKET SET SCREW	3	1/4 - 20 x 1/4
24	SEAT	1	35TV11
25	O-RING	1	244-90D Nitrile
26	SPRING	1	35TV13
27	PISTON	1	35TV12
28	BOTTOM SUB	1	35TV14

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RETRIEVABLE BRIDGE PLUG -10K

3-1/2” – 7-5/8”

WYOMING COMPLETION TECHNOLOGIES



5-1/2” Wireline Plug

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES “WP” is a wireline set, packer type, retrievable bridge plug, capable of holding differential pressure from above and below.

FEATURES/BENEFITS

- Caged bi-directional slips
- Balanced equalizing system
- Wireline, hydraulic or coiled tube set
- By-pass valve opens before plug is released
- Straight pull release mechanism
- Manufactured from high carbon steel
- Rotational safety release mechanism
- Over shot will wash gage ring
- Optional coiled tubing retrieve
- Swab resistant packing element system
- Parts are interchangeable with other manufactures
- Standard elements are Nitrile; HNBR and other materials available upon request

APPLICATIONS

Temporary bridge plug for acidizing, fracturing, cementing, casing pressure tests, well head replacement and zone isolation.

TECHNICAL DATA

CASING				BRIDGE PLUG	
OD In/mm	**WEIGHT Lb/ft**	**MIN I.D. In/mm**	**MAX I.D. In/mm**	**PRODUCT #**	**MAX O.D. In/mm**
3-1/2 *88.90*	7.7 - 9.2	2.990 *75.95*	3.068 *77.93*	**35WPA**	2.700 *68.58*
4-1/2 *114.30*	15.1	3.763 *95.58*	3.826 *97.18*	**35WPB**	3.640 *92.46*
	9.5 - 13.5	3.920 *99.57*	4.090 *103.89*	**43WPA2**	3.750 *95.25*
5 *127.00*	15 - 18	4.276 *108.61*	4.408 *111.96*	**43WPB**	4.125 *104.78*
	11.5 - 15	4.408 *111.96*	4.560 *115.82*	**43WPC**	4.250 *107.95*
5-1/2 *139.70*	26				
	20 - 23	4.670 *118.62*	4.778 *121.36*	**45WPA2**	4.500 *114.30*
	15.5 - 20	4.778 *121.36*	4.950 *125.73*	**45WPA4**	4.641 *117.88*
	13 - 15.5	4.950 *125.73*	5.190 *131.83*	**45WPB**	4.781 *121.44*
6 *152.40*	26				
	20 - 23	5.240 *133.10*	5.352 *135.94*	**45WPC**	5.062 *128.58*
	15 - 18	5.424 *137.77*	5.524 *140.31*	**45WPD**	5.157 *130.96*
6-5/8 *168.28*	34	5.561 *141.25*	5.609 *142.47*	**45WPE**	5.406 *137.31*
	28 - 32	5.675 *144.15*	5.791 *147.09*	**45WPF**	5.484 *139.29*
	17 - 24	5.921 *150.39*	6.135 *155.83*	**45WPG**	5.781 *146.84*
7 *177.80*	24	5.830 *148.30*	5.920 *150.37*	**47WPA2**	5.656 *143.06*
	38 - 40				
6-5/8 *168.28*	17 - 20	5.938 *150.83*	6.135 *155.83*	**47WPA4**	5.807 *147.50*
7 *177.80*	32 - 35				
	29 - 32	6.094 *154.79*	6.184 *157.07*	**47WPA6**	5.928 *150.57*
	26 - 29	6.184 *157.07*	6.276 *159.41*	**47WPB2**	5.968 *151.59*
	23 - 26	6.276 *159.41*	6.366 *161.70*	**47WPB4**	6.078 *154.38*
	17 - 20	6.456 *163.98*	6.538 *166.07*	**47WPC2**	6.281 *159.54*
7-5/8 *193.68*	33.7 – 39	6.625 *168.28*	6.765 *171.83*	**47WPC4**	6.453 *163.91*
	24 - 29.7	6.875 *174.63*	7.025 *178.44*	**47WPD2**	6.672 *169.47*
	20 – 24	7.025 *178.44*	7.125 *180.98*	**47WPD4**	6.812 *173.02*

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RETRIEVABLE BRIDGE PLUG -10K

CONTINUED PAGE 2 of 2

8-5/8” – 13-3/8”



11-3/4” Wireline Plug

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES “WP” is a wireline set, packer type, retrievable bridge plug capable of holding differential pressure from above and below.

FEATURES/BENEFITS

- Caged bi-directional slips
- Balanced equalizing system
- Wireline, hydraulic or coiled tube set
- By-pass valve opens before plug is released
- Straight pull release mechanism
- Manufactured from high carbon steel
- Rotational safety release mechanism
- Over shot will wash gage ring
- Optional coiled tubing retrieve
- Swab resistant packing element system
- Parts are interchangeable with other manufactures
- Standard elements are Nitrile; HNBR and other materials available upon request

APPLICATIONS

Temporary bridge plug for acidizing, fracturing, cementing, casing pressure tests, wellhead replacement and zone isolation.

TECHNICAL DATA

CASING				BRIDGE PLUG	
OD In/mm	**WEIGHT Lb/ft**	**MIN I.D. In/mm**	**MAX I.D. In/mm**	**PRODUCT #**	**MAX O.D. In/mm**
8-5/8 *219.08*	32 - 40	7.688 *195.88*	7.921 *201.19*	**49WPA4**	7.536 *191.41*
	24-32	7.921 *201.19*	8.097 *205.66*	**49WPB**	7.731 *196.37*
9-5/8 *244.50*	47 - 53.5	8.343 *211.91*	8.681 *220.50*	**51WPA2**	8.223 *208.86*
	40 - 47	8.681 *220.50*	8.835 *224.41*	**51WPA4**	8.442 *214.43*
	29.3 - 36	8.836 *224.43*	9.063 *230.20*	**51WPB**	8.598 *218.39*
10-3/4 *273.05*	65.7 - 73.2	9.406 *238.91*	9.660 *245.36*	**53WP**	9.161 *232.69*
11-3/4 *298.45*	54 - 65	10.682 *271.32*	10.880 *276.35*	**54WP**	10.505 *266.827*
13-3/8 *339.73*	85 - 98	11.937 *303.20*	12.159 *308.84*	**55WPA2**	11.692 *296.98*
	72 - 86	12.125 *307.98*	12.347 *313.61*	**55WPA4**	12.000 *307.80*
	48 - 61	12.515 *317.88*	12.715 *322.96*	**55WPB**	12.270 *311.66*

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RETRIEVABLE BRIDGE PLUG -15K



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES "WP" is a wireline set, packer type, retrievable bridge plug capable of holding high differential pressure from above and below.

FEATURES/BENEFITS

- Caged bi-directional slips
- Balanced equalizing system
- Wireline, hydraulic or coiled tube set
- By-pass valve opens before plug is released
- Straight pull release mechanism
- Rotational safety release mechanism
- Over shot will wash gage ring
- Optional coiled tubing retrieve
- Swab resistant packing element system
- Parts are interchangeable with other manufactures

APPLICATIONS

Temporary bridge plug for acidizing, fracturing, cementing, casing pressure tests, well head replacement and zone isolation.

TECHNICAL DATA

CASING				BRIDGE PLUG	
OD In/mm	**WEIGHT Lb/ft**	**MIN I.D. In/mm**	**MAX I.D. In/mm**	**PRODUCT #**	**MAX O.D. In/mm**
4-1/2 *114.30*	9.5 - 13.5	3.910 *99.31*	4.090 *103.89*	**43WPA-15K**	3.771 *95.78*

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RETRIEVABLE BRIDGE PLUG - 10K



OPTIONAL PARTS:

- **WP15 - Cone Retainer with Inner Thread**



DESCRIPTION

Allows additional tools, such as centralizers, stingers and other attachments, to be hung off the bottom of the Retrievable Bridge Plug.

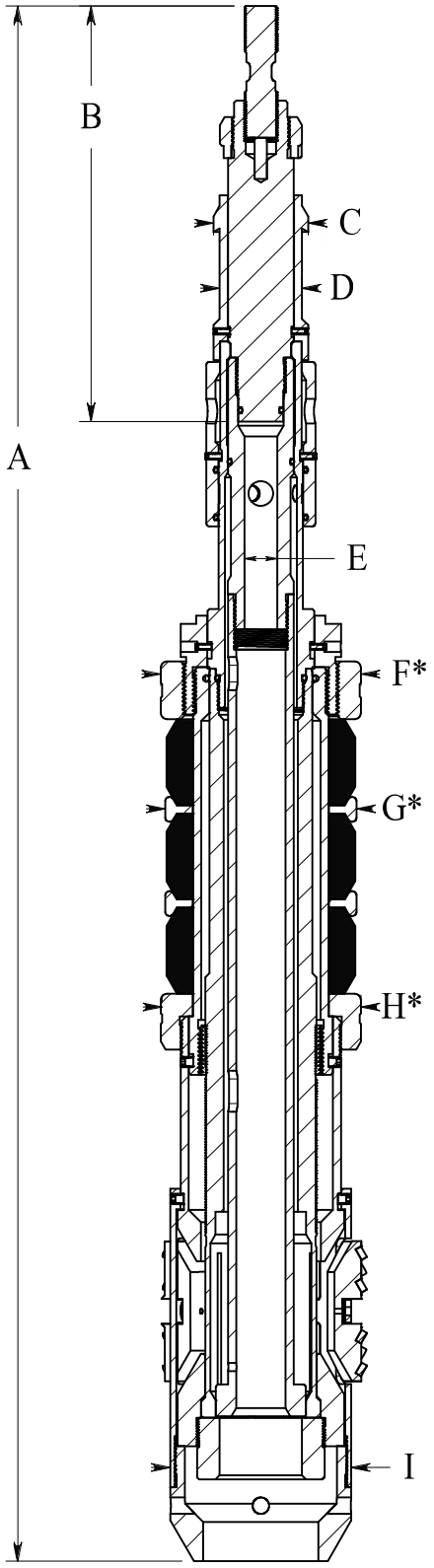
FEATURES/BENEFITS

- Allows the option of having more tools in the hole when needed.

PRODUCT #	PART #	INNER THREAD
43WP	43WP15-2.375	2-3/8 8 RND EU
45WP	45WP15-2.375	2-3/8 8 RND EU
47WP	47WP15-2.875	2-7/8 8 RND EU

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RETRIEVABLE BRIDGE PLUG



RETRIEVABLE BRIDGE PLUG LENGTHS & DIAMETERS

PART #	LENGTH		OD		ID	OD
	A	B	C	D	E	I
35WP	46.10	11.811	1.685	1.500	N/A	2.748
43WP	48.10	12.625	2.682	2.500	1.00	3.740
44WP	48.10	12.625	2.682	2.500	1.00	4.120
45WP	46.19	12.625	2.875	2.500	1.00	4.490
47WP-A/B	47.24	12.625	2.875	2.500	1.00	5.495
47WP-C	47.24	12.625	2.875	2.500	1.00	6.238
48WP	46.48	12.625	2.875	2.500	1.00	6.238
49WP	45.31	12.625	2.875	2.500	1.00	7.250
51WP	57.30	12.625	2.875	2.500	1.00	8.125
53WP	48.705	12.625	2.875	2.500	1.00	9.100
54WP	48.355	12.625	2.875	2.500	1.00	10.300
55WP	66.079	12.625	2.875	2.500	1.00	11.838

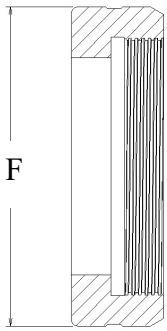
*** SEE NEXT PAGE FOR GAGE RING, GUIDE RING, AND ELEMENT SPACER CHARTS (PARTS F, G, AND H)**

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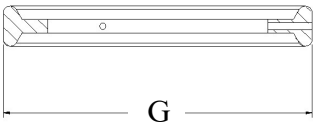
RETRIEVABLE BRIDGE PLUG

GAGE RING / GUIDE RING / ELEMENT SPACER CHART

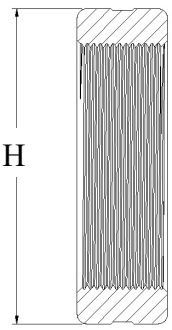
Assembly Part #	Part #			CSG.	CSG. WEIGHT	F / G / H Max OD
	GAGE	GUIDE	SPACER			
35WPAA	N/A	35WP19	35WP24	3-1/2"	7.7 - 9.2	2.867
43WPAA	N/A	35WP19-B	35WP24-B	4-1/2”	15.1 -16.5	3.638
	43WP17-A2	43WP19-A2	43WP24-A	4-1/2”	9.5 - 13.5	3.771
	43WP17-A4	43WP19-A4	43WP24-A	4-1/2”	9.5	3.932
44WPAA	43WP17-B	43WP19-B	43WP24-B	5”	15 - 18	4.125
	43WP17-C	43WP19-C	43WP24-C	5”	11.5 - 15	4.250
45WPAA				5-1/2”	26	4.250
	45WP17-A2	45WP19-A2	45WP24-A2	5-1/2”	20 - 23	4.500
	45WP17-A4	45WP19-A4	45WP24-A4	5-1/2”	15.5 - 20	4.641
	45WP17-B	45WP19-B	45WP24-B	5-1/2”	13 - 15.5	4.781
				6”	26	
	45WP17-C	45WP19-C	45WP24-C	6”	20 – 23	5.057
	45WP17-D	45WP19-D	45WP24-D	6”	15 - 18	5.157
46WPAA	45WP17-E	45WP19-E	45WP24-E	6-5/8”	34	5.401
	45WP17-F	45WP19-F	45WP24-F	6-5/8”	24 - 32	5.484
	45WP17-G	45WP19-G	45WP24-G	6-5/8”	17 - 24	5.776
47WPAA	47WP17-A2	47WP19-A2	47WP24-A2	7”	38	5.656
	47WP17-A4	47WP19-A4	47WP24-A4	7”	32 - 35	5.812
	47WP17-A6	47WP19-A6	47WP24-A6	7”	29-32	5.923
	47WP17-B2	47WP19-B2	47WP24-B2	7”	26 - 29	5.968
	47WP17-B4	47WP19-B4	47WP24-B4	7”	23 - 26	6.078
	47WP17-C2	47WP19-C2	47WP24-C2	7”	17 - 20	6.266
	47WP17-C4	47WP19-C4	47WP24-C4	7-5/8”	33.7 - 39	6.453
	47WP17-D2	47WP19-D2	47WP24-D2	7-5/8”	24 - 29.7	6.672
	47WP17-D4	47WP19-D4	47WP24-D4	7-5/8”	20 - 24	6.812
49WPAA	49WP17-A4	49WP19-A4	49WP24-A	8-5/8”	32 - 40	7.530
	49WP17-B	49WP19-B	49WP24-B	8-5/8”	24 - 32	7.726
51WPAA	51WP17-A2	51WP19-A2	51WP24-A	9-5/8”	47 - 53.5	8.218
	51WP17-A4	51WP19-A4	51WP24-A	9-5/8”	40 - 47	8.437
	51WP17-B	51WP19-B	51WP24-B	9-5/8”	29.3 - 36	8.593
53WPAA	53WP17-A2	53WP19-A2	53WP24-A2	10-3/4”	65.7 – 73.2	9.161
54WPAA	54WP17-A2	54WP19-A2	54WP24-A2	11-3/4”	54 – 65	10.505
55WPAA	55WP17-A2	55WP19-A2	55WP24-A2	13-3/8”	85 – 98	11.692
	55WP17-A4	55WP19-A4	55WP24-A4	13-3/8”	72 - 86	11.970
	55WP17-B	55WP19-B	55WP24-B	13-3/8”	48 - 61	12.270



GUIDE RING



ELEMENT SPACER



GAGE RING

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RETRIEVABLE FRAC (FLOW-THRU) PLUG "WFP"

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES "WFP" is a wireline set, packer type, retrievable frac plug capable of holding pressure from above and allowing flow through the plug from below. This robust, dependable tool is ideally suited for isolating multiple zones for fracturing or other treatments.



FEATURES/BENEFITS

- Caged bi-directional slips
- Wireline, hydraulic or coiled tube set
- By-pass valve opens before plug is released
- Straight pull release mechanism
- Parts are interchangeable with other manufacturers
- Over shot will wash gage ring
- Optional coiled tubing retrieve
- Swab resistant packing element system
- Rotational safety release mechanism

APPLICATIONS

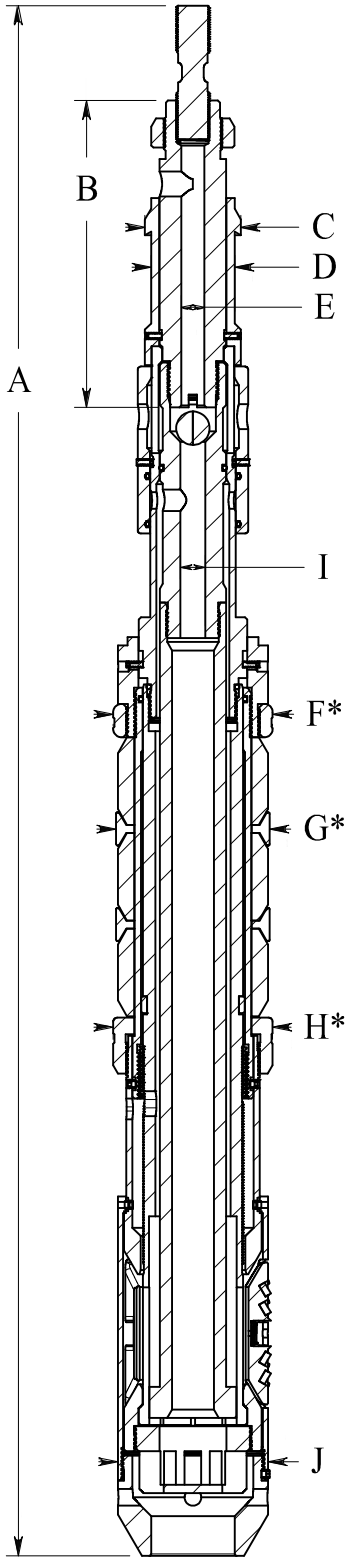
Temporary frac plug for acidizing, fracturing, pressure tests, and zone isolation.

TECHNICAL DATA

CASING				BRIDGE PLUG	
OD In/mm	**WEIGHT Lb/ft**	**MIN I.D. In/mm**	**MAX I.D. In/mm**	**PRODUCT #**	**MAX O.D. In/mm**
3-1/2 *88.90*	10.2	2.922 *74.22*	2.992 *76.00*	**35WFPA**	2.781 *70.64*
4-1/2 *114.3*	9.5 - 13.5	3.910 *99.31*	4.090 *103.89*	**43WFPA**	3.771 *95.78*
5 *127.00*	15 - 18	4.250 *107.95*	4.408 *111.96*	**43WFPB**	4.125 *104.78*
	11.5 - 15	4.408 *111.96*	4.560 *115.82*	**43WFPC**	4.250 *107.95*
5-1/2 *139.70*	26				
	20 - 23	4.625 *117.48*	4.778 *121.36*	**45WFPA2**	4.500 *114.30*
	15.5 - 20	4.778 *121.36*	4.950 *125.73*	**45WFPA4**	4.641 *117.88*
	13 - 15.5	4.950 *125.73*	5.190 *131.83*	**45WFPB**	4.781 *121.44*
6 *152.40*	26				
	20-23	5.191 131.85	5.390 136.91	**45WFPC**	5.062 128.58
	15-18	5.391 136.96	5.560 141.22	**45WFPD**	5.156 130.96
6-5/8 *168.28*	34	5.561 141.25	5.609 142.47	**45WFPE**	5.406 137.31
	28-32	5.610 142.50	5.921 150.40	**45WFPF**	5.484 139.29
	17 - 24	5.922 *150.42*	6.135 *155.83*	**45WFPG**	5.781 *146.84*
	24	5.830 *148.30*	5.937 *150.80*	**47WFPA2**	5.656 *143.06*
7 *177.80*	38				
6-5/8 *168.28*	17 - 20	5.938 *150.83*	6.135 *155.83*	**47WFPA4**	5.812 *147.62*
7 *177.80*	32 - 35				
	29 - 32	6.094 *154.79*	6.184 *157.07*	**47WFPA6**	5.923 *150.44*
	26 - 29	6.136 *155.86*	6.276 *159.41*	**47WFPB2**	5.968 *151.59*
	23 - 26	6.276 *159.41*	6.366 *161.70*	**47WFPB4**	6.078 *154.38*
	17 - 20	6.456 *163.98*	6.578 *167.08*	**47WFPC2**	6.266 *159.16*
7-5/8 *193.68*	33.7 – 39	6.579 167.11	6.797 172.64	**47WFPC4**	6.453 163.91
	24 - 29.7	6.798 *172.67*	7.025 *178.44*	**47WFPD2**	6.672 *169.47*
	20 – 24	7.025 *178.44*	7.125 *180.98*	**47WFPD4**	6.812 *173.02*
8-5/8 *219.08*	32 - 40	7.688 *195.88*	7.921 *201.19*	**49WFPA4**	7.531 *191.29*
	24-32	7.921 201.19	7.973 202.51	**49WFPB**	7.726 196.24
9-5/8 *244.50*	47 - 53.5	8.343 *211.91*	8.681 *220.50*	**51WFPA2**	8.218 *208.74*
	40 - 47	8.681 *220.50*	8.835 *224.41*	**51WFPA4**	8.437 *214.30*
	29.3 - 36	8.836 *224.43*	9.063 *230.20*	**51WFPB**	8.593 *218.26*

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RETRIEVABLE FRAC PLUG



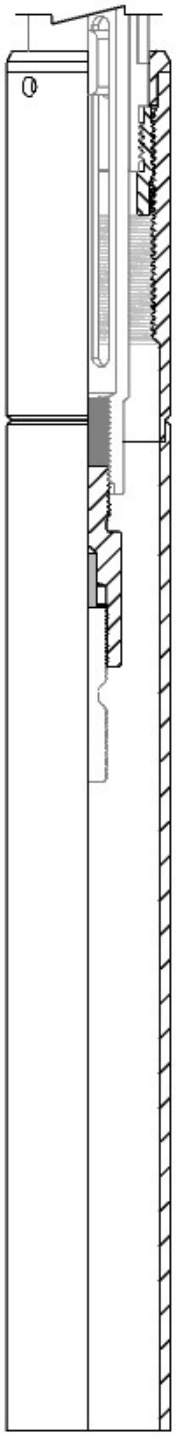
RETRIEVABLE FRAC PLUG LENGTHS & DIAMETERS

PART #	LENGTH		OD		ID		OD
	A	B	C	D	E	I	J
35WP	46.10	11.811	1.685	1.500	N/A	N/A	2.748
43WP	48.10	12.625	2.682	2.500	.69	.75	3.740
44WP	48.10	12.625	2.682	2.500	.69	.75	4.120
45WP	46.19	12.625	2.875	2.500	.69	.75	4.490
47WP-A/B	47.24	12.625	2.875	2.500	.69	.75	5.495
47WP-C	47.24	12.625	2.875	2.500	.69	.75	6.238
48WP	46.48	12.625	2.875	2.500	.69	.75	6.238
49WP	45.31	12.625	2.875	2.500	.69	.75	7.250
51WP	57.30	12.625	2.875	2.500	.69	.75	8.125

*** SEE NEXT PAGE FOR GAGE RING, GUIDE RING, AND ELEMENT SPACER CHARTS (PARTS F, G, AND H)**

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WIRELINE ADAPTER KIT



The WYOMING COMPLETION TECHNOLOGIES Wireline Adapter Kit is used to couple an electric line or hydraulic setting tool assembly to the Wireline Set Retrievable Bridge Plug, "WP", using Baker Setting Equipment.

PRODUCT #	BRIDGE PLUG TOOL SIZE IN/MM	TOOL DIMENSIONS			SETTING TOOL
		O.D.	I.D.	LENGTH	
	In/*mm*	In/*mm*	In/*mm*	In/*mm*	
35WAK	3-1/2 *88.90*	2.75 *69.85*	2.28 *57.91*	27.38 *695.45*	#5 BAKER E-4
43WAK	4-1/2 *114.30*	3.75 *95.25*	3.25 *82.55*	31.76 *806.70*	#10 BAKER E-4
45WAK	5-1/2 *139.70*	4.50 *114.30*	3.88 *98.55*	30.75 *781.05*	#20 BAKER E-4
	7 *177.80*				
	7-5/8 *193.68*				
49WAK	8-5/8 *219.08*	4.60 *116.84*	3.88 *98.55*	32.12 *815.85*	
	9-5/8 *244.48*				
55WAK	13-3/8 *339.73*	8.88 *225.55*	8.06 *204.72*	33.62 *853.95*	

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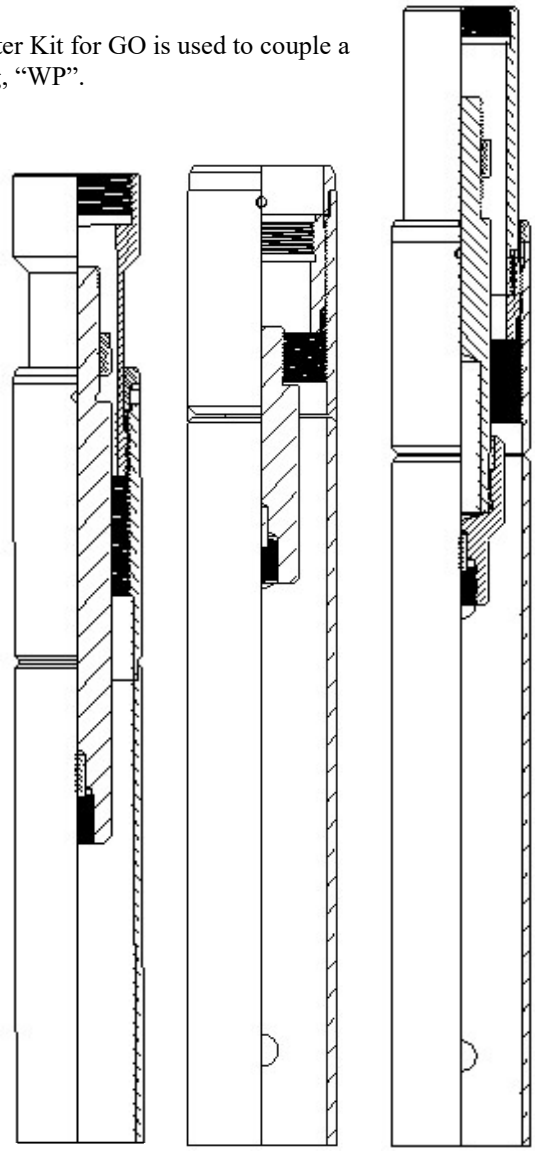
WYOMING COMPLETION TECHNOLOGIES
THE BEST DOWN HOLE TOOLS IN THE WORLD

WIRELINE ADAPTER KIT for GO Setting WP's

The WYOMING COMPLETION TECHNOLOGIES Wireline Adapter Kit for GO is used to couple a GO setting tool assembly to the Wireline Set Retrievable Bridge Plug, "WP".

BRIDGE PLUG TOOL SIZE IN/MM	ADAPTER KIT TOOL SIZE	SETTING TOOL SIZE
4-1/2 114.30	43WAK-G	3-1/2" GO
5-1/2 139.70	45WAK-G or 45WAK-G2	
7 177.80		
7-5/8 193.68		
8-5/8 219.07	49WAK-G	

*NOTE: 3-1/2" GO SHORTY WILL RUN 43-49WAK-G



43WAK-G 45WAK-G2 45WAK-G

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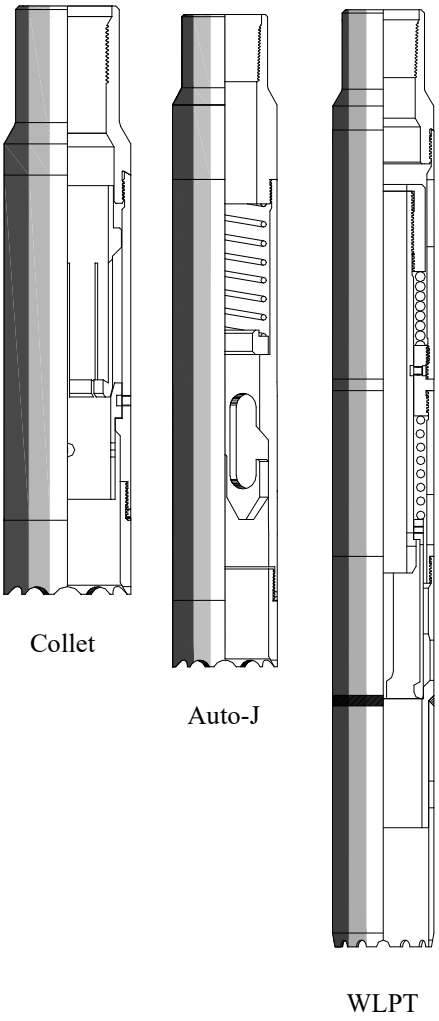
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"WP" PULLING TOOLS

"WP" COLLET TYPE PULLING TOOL (PTC)
The WYOMING COMPLETION TECHNOLOGIES "WP" Collet Type Pulling Tool is an automatic on mechanism used to release and retrieve the "WP" Bridge Plug on tubing or coiled tubing. The collet enables simple operation by setting down on the bridge plug to engage and setting down followed by pulling up to release.

"WP" AUTO-J PULLING TOOL (PTJ)
The WYOMING COMPLETION TECHNOLOGIES "WP" Auto-J Pulling Tool is an automatic on mechanism used to release and retrieve the "WP" Bridge Plug on tubing or coiled tubing. The J slot allows the operator to engage or release the tool with a ¼ turn of the tubing string.

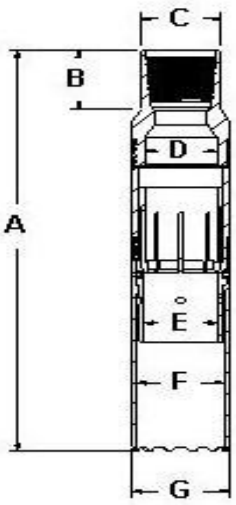
"WP" WIRELINE PULLING TOOL (WLPT)
The WYOMING COMPLETION TECHNOLOGIES "WP" Wireline Pulling Tool is an automatic on mechanism used to release and retrieve the "WP" Bridge Plug on sandline. The collet, or "latch", provides a simple means of engaging and releasing the retrievable bridge plug on wireline.



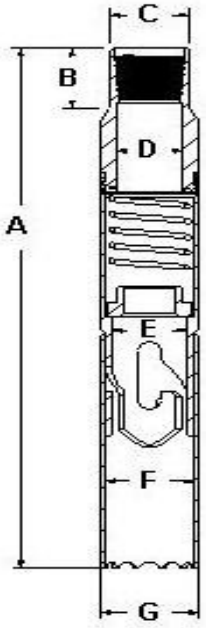
CASING Inches *mm*	**O.D. RETRIEVING TOOL** Inches *mm*	**STANDARD THREAD CONNECTIONS**	**WLPT THREAD CONNECTIONS**
3-1/2 *88.9*	2.745 *69.72*	1.9 EU 10 RND	1.9 EU 10 RND
4-1/2 *114.3*	3.75 *95.25*	2-3/8 EU 8 RND	2-3/8 EU 8 RND
5-1/2 *139.7*	4.50 *114.3*	2-7/8 EU 8 RND	
7 *177.8*	5.50 *139.7*		2-7/8 EU 8 RND
8-5/8 *219.08*	7.35 *186.69*		
9-5/8 *244.48*			
10-3/4 *273.05*	9.16 *232.66*		
11-3/4 *298.45*	10.43 *264.92*		
13-3/8 *339.73*	11.44 *290.58*		

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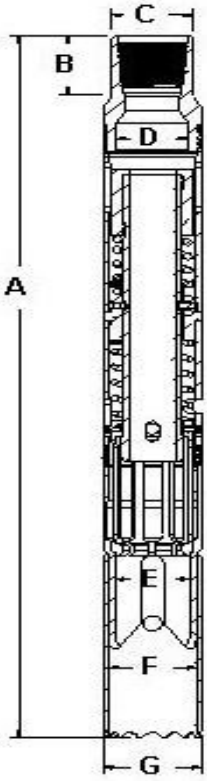
PULLING TOOL LENGTH & DIAMETERS



COLLET



AUTO-J



WLPT

TECHNICAL DATA

PART #	A Length	B Length	C OD	D ID	E ID	F ID	G OD
35PT-C	19.947	2.000	2.500	2.000	1.750	2.260	2.745
43PT-C	20.003	2.950	3.060	2.750	2.850	3.380	3.750
43PT-J	25.874	2.950	3.060	2.540	2.875	3.390	3.740
43WLPT	34.968	2.950	3.060	2.750	2.875	3.380	3.765
45PT-C	20.944	4.087	3.680	3.310	3.060	3.750	4.500
45PT-J	26.626	2.950	3.680	2.910	3.000	3.750	4.500
45WLPT	34.687	2.500	3.060	2.750	3.000	3.750	4.500
47PT-C	20.944	4.087	3.680	3.310	3.060	3.750	5.500
47PT-J	26.629	3.044	3.680	2.910	3.000	3.750	5.500
47WLPT	34.818	2.552	3.060	2.750	3.000	3.750	5.500
49PT-C	20.949	4.087	3.680	3.310	3.060	3.750	7.350
49PT-J	24.005	3.000	3.680	2.880	3.000	3.750	7.084
49WLPT	34.943	2.552	3.060	2.750	3.000	3.750	7.308

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RETRIEVABLE BRIDGE PLUG -15K



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES "WP" is a wireline set, packer type, retrievable bridge plug capable of holding high differential pressure from above and below.

FEATURES/BENEFITS

- Caged bi-directional slips
- Balanced equalizing system
- Wireline, hydraulic or coiled tube set
- By-pass valve opens before plug is released
- Straight pull release mechanism
- Rotational safety release mechanism
- Over shot will wash gage ring
- Optional coiled tubing retrieve
- Swab resistant packing element system
- Parts are interchangeable with other manufactures

APPLICATIONS

Temporary bridge plug for acidizing, fracturing, cementing, casing pressure tests, well head replacement and zone isolation.

TECHNICAL DATA

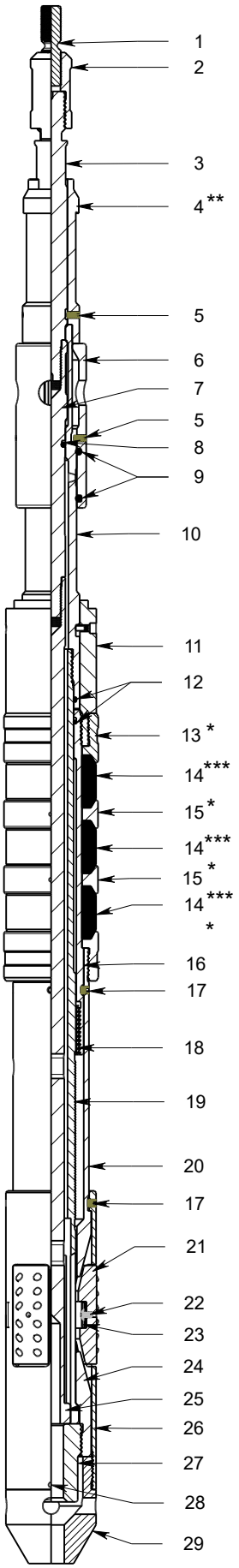
CASING				BRIDGE PLUG	
OD In/mm	**WEIGHT Lb/ft**	**MIN I.D. In/mm**	**MAX I.D. In/mm**	**PRODUCT #**	**MAX O.D. In/mm**
4-1/2 *114.30*	9.5 - 13.5	3.910 *99.31*	4.090 *103.89*	**43WPA-15K**	3.771 *95.78*

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3-1/2" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
35WPA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SHEAR STUD - 20K	1	35WP16
2	SAFETY SUB	1	35WP01
3	UPPER RELEASE ROD	1	35WP04
4	FISHING NECK	1	35WP02** (C/J)
5	BRASS SHEAR SCREW	7	1/4-20 x 3/8 B
6	EQUALIZING SLEEVE	1	35WP03
7	RELEASE ROD X-OVER	1	35WP05
8	O-RING	1	208-90D Nitrile
9	O-RING	2	223-90D Nitrile
10	BY-PASS SLEEVE	1	35WP06
11	SETTING SLEEVE ADAPTER	1	35WP07
12	O-RING	2	126-90D Nitrile
13	GUIDE RING	2	35WP19*
14	PACKING ELEMENT	3	35WP23***
15	PACKING ELEMENT SPACER	2	35WP24*
16	ELEMENT SUPPORT SLEEVE	1	35WP18
17	BRASS SET SCREW	6	1/4 - 20 x 1/4 B
18	LOCK RING	1	35WP20
19	SETTING MANDREL	1	35WP08
20	UPPER CONE	1	35WP21
21	CARBIDE SLIP	3	35WP22
22	BUTTON HEAD CAP SCREW	3	10-24 x 1/4
23	SLIP SPRING	3	35WP25
24	LOWER CONE	1	35WP11
25	LOWER RELEASE ROD	1	35WP09
26	SLIP CAGE	1	35WP13
27	BOTTOM SUB	1	35WP10
28	STEEL SET SCREW	1	10-32 x 3/16
29	CONE RETAINER	1	35WP15

*** SPECIFY CASING RANGE WHEN ORDERING**
**** SPECIFY COLLET OR J-TYPE**
***** SPECIFY PREFERRED ELEMENT STACK WHEN ORDERING (ie. 90-70-90 DUROMETER)**

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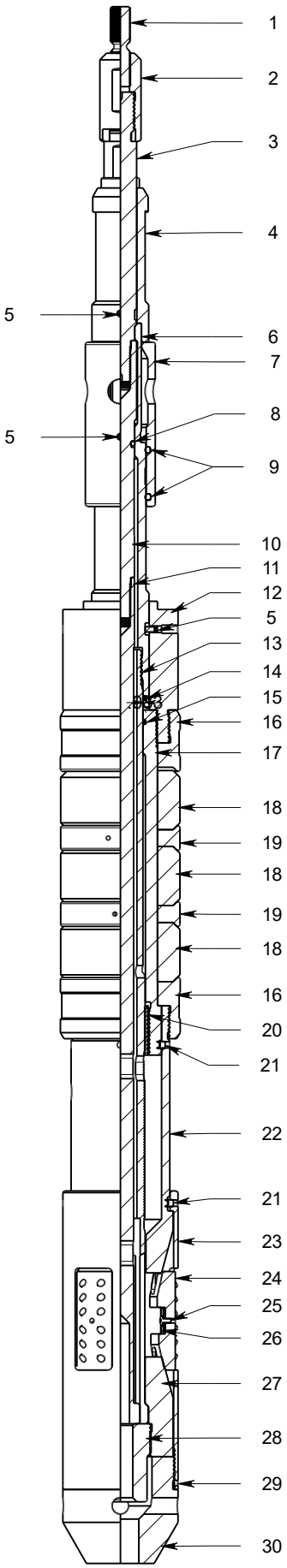
REV 2 - 05/24/2022

3-1/2" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

(4-1/2" 15.1# CASING)

WYOMING COMPLETION TECHNOLOGIES

Part #
35WP-B



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SHEAR STUD	1	35WP16
2	SAFETY SUB	1	35WP01
3	UPPER RELEASE ROD	1	35WP04
4	FISHING NECK	1	35WP02
5	BRASS SHEAR SCREW	2	1/4-20 x 3/8 B
6	BY-PASS SLEEVE	1	35WP06
7	EQUALIZING SLEEVE	1	35WP03
8	O-RING	1	208-90D Nitrile
9	O-RING	2	223-90D Nitrile
10	RELEASE ROD X-OVER	1	35WP05
11	LOWER RELEASE ROD	1	35WP09
12	SETTING SLEEVE ADAPTER	1	35WP07-B
13	SETTING MANDREL	1	35WP08
14	O-RING	1	220-90D Nitrile
15	O-RING	1	126-90D Nitrile
16	GUIDE RING	2	35WP19-B
17	ELEMENT SUPPORT SLEEVE	1	35WP18-B
18	PACKING ELEMENT	3	35WP23-B
19	PACKING ELEMENT SPACER	2	35WP24-B
20	LOCK RING	1	35WP20
21	BRASS SET SCREW	6	1/4 - 20 x 1/4 B
22	UPPER CONE	1	35WP21-B
23	SLIP CAGE	1	35WP13-B
24	CARBIDE SLIP	3	35WP22
25	BUTTON HEAD CAP SCREW	3	10-24 x 1/4
26	SLIP SPRING	3	35WP25
27	LOWER CONE	1	35WP11-B
28	BOTTOM SUB	1	35WP10
29	STEEL SET SCREW	1	10-32 x 3/16
30	CONE RETAINER	1	35WP15-B

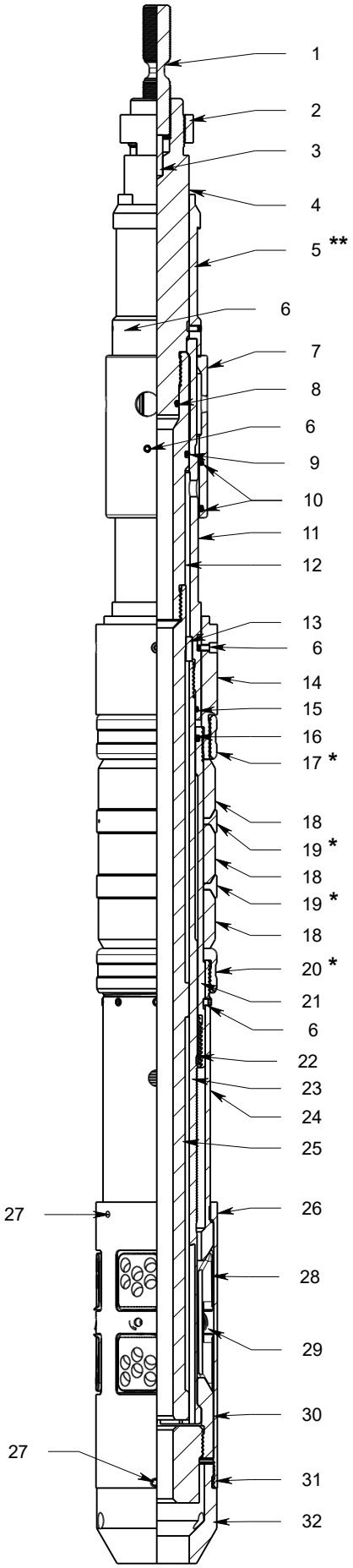
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REV 0 - 08/08/2022

4-1/2" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
43WPA



Item #	Description	QTY	Part Name
1	SHEAR STUD	1	43WP16-35K
2	SAFETY SUB	1	43WP01
3	DRIVE PIN	1	DP01
4	UPPER RELEASE ROD	1	43WP04
5	FISHING NECK	1	43WP02 ** (C/J)
6	BRASS SHEAR SCREW	8	1/4-20 x 3/8 B
7	EQUALIZING SLEEVE	1	43WP03
8	O-RING	1	216-90D Nitrile
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	BY-PASS SLEEVE	1	43WP06
12	RELEASE ROD X-OVER	1	43WP05
13	PICKUP RING	1	43WP12
14	SETTING SLEEVE ADAPTER	1	43WP07
15	O-RING	1	142-90D Nitrile
16	O-RING	1	229-90D Nitrile
17	GAGE RING	1	43WP17 *
18	PACKING ELEMENT	3	43WP23-A
19	PACKING ELEMENT SPACER	2	43WP24*
20	GUIDE RING	1	43WP19 *
21	ELEMENT SUPPORT SLEEVE	1	43WP18
22	LOCK RING	1	43WP20
23	SETTING MANDREL	1	43WP08
24	UPPER CONE	1	43WP21
25	LOWER RELEASE ROD	1	43WP09
26	SLIP CAGE	1	43WP13
27	BRASS SET SCREW	12	1_4 - 20 x .25 B
28	SLIP	5	43WP22
29	SLIP SPRING	5	45WP25
30	LOWER CONE	1	43WP11
31	BOTTOM SUB	1	43WP10
32	CONE RETAINER	1	43WP15

* SPECIFY CASING RANGE WHEN ORDERING
** SPECIFY COLLET OR J-TYPE

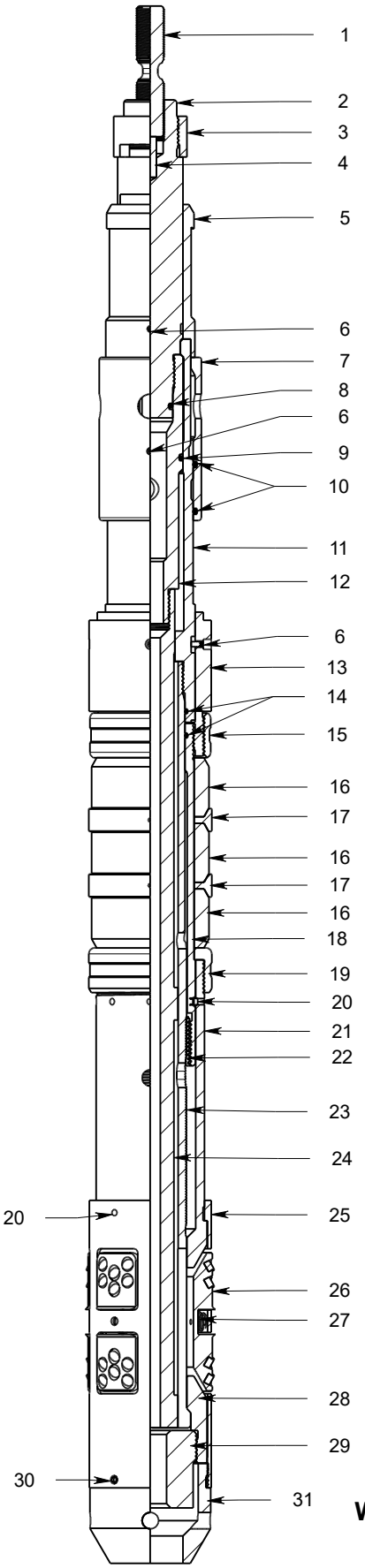
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REV 0 - 08/08/2022

4-1/2" 15K WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
43WPA-15K



Item #	Description	QTY	Part Name
1	SHEAR STUD	1	43WP16-35K
2	UPPER RELEASE ROD	1	43WP04
3	SAFETY SUB	1	43WP01
4	DRIVE PIN	1	DP01
5	FISHING NECK	1	43WP02
6	BRASS SHEAR SCREW	8	1/4-20 x 3/8 B
7	EQUALIZING SLEEVE	1	43WP03
8	O-RING	1	216-90D Nitrile
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	BYPASS SLEEVE	1	43WP06-15k
12	RELEASE ROD X-OVER	1	43WP05-15k
13	SETTING SLEEVE ADAPTER	1	43WP07-15k
14	O-RING	2	138-90D Nitrile
15	GAGE RING	1	43WP17
16	PACKING ELEMENT	3	43WP23-15K-A
17	ELEMENT SPACER RING	2	43WP24-15k
18	ELEMENT SUPPORT SLEEVE	1	43WP18-15k
19	GUIDE RING	1	43WP19-15k
20	BRASS SET SCREW	12	1/4 - 20 x 1/4 B
21	UPPER CONE	1	43WP21-15k
22	LOCK RING	1	43WP20-15k
23	SETTING MANDREL	1	43WP08-15k
24	LOWER RELEASE ROD	1	43WP09-15k
25	SLIP CAGE	1	43WP13
26	SLIP	5	45WP22
27	SLIP SPRING	5	45WP25
28	LOWER CONE	1	43WP11-15k
29	BOTTOM SUB	1	43WP10
30	STEEL SET SCREW	3	1/4-20 X 3/16
31	CONE RETAINER	1	43WP15

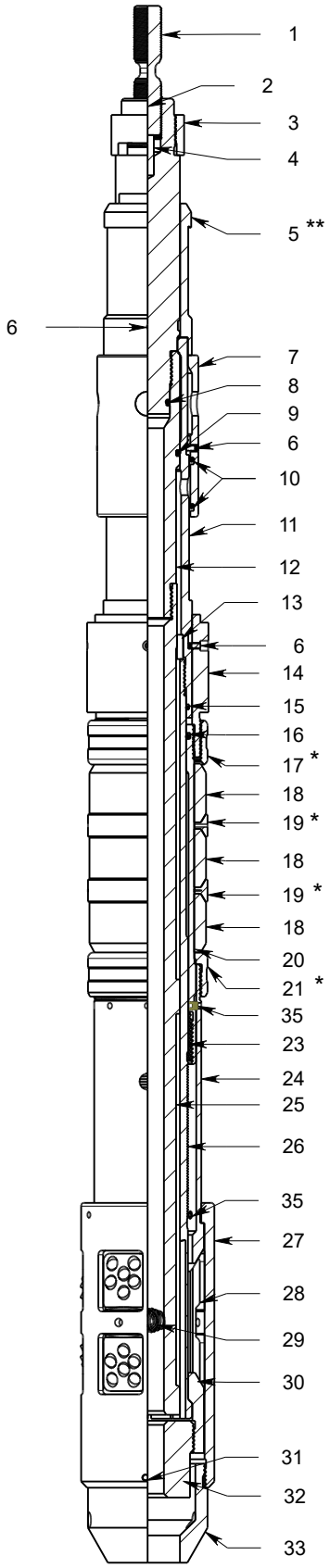
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REV 2 - 06/15/2022

5" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
44WPA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SHEAR STUD	1	43WP16-35K
2	UPPER RELEASE ROD	1	43WP04
3	SAFETY SUB	1	43WP01
4	DRIVE PIN	1	DP01
5	FISHING NECK	1	43WP02** (C/J)
6	BRASS SHEAR SCREW	8	1/4-20 x 3/8 B
7	EQUALIZING SLEEVE	1	43WP03
8	O-RING	1	216-90D Nitrile
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	BY-PASS SLEEVE	1	43WP06
12	RELEASE ROD X-OVER	1	43WP05
13	PICKUP RING	1	43WP12
14	SETTING SLEEVE ADAPTER	1	43WP07
15	O-RING	1	142-90D Nitrile
16	O-RING	1	229-90D Nitrile
17	GAGE RING	1	43WP17*
18	PACKING ELEMENT	3	CN493
19	ELEMENT SPACER	2	43WP24*
20	ELEMENT SUPPORT SLEEVE	1	43WP18
21	GUIDE RING	1	43WP19*
23	LOCK RING	1	43WP20
24	UPPER CONE	1	43WP21
25	LOWER RELEASE ROD	1	43WP09
26	SETTING MANDREL	1	43WP08
27	SLIP CAGE	1	44WP13
28	SLIP	5	44WP22
29	SLIP SPRING	5	45WP25
30	LOWER CONE	1	43WP11
31	STEEL SET SCREW	3	1/4-20 x 3/16
32	BOTTOM SUB	1	43WP10
33	CONE RETAINER	1	43WP15
35	BRASS SET SCREW	12	1_4 - 20 x .25 B

*** Specify Casing Range when Ordering**
**** Specify Collet or J-Type (C/J)**

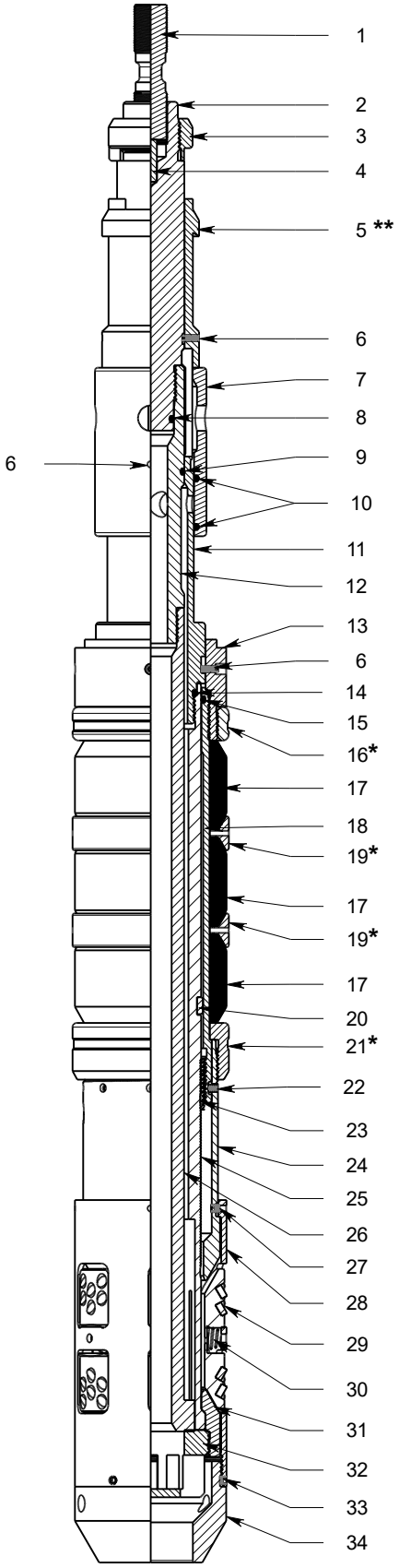
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REV 0 - 07/21/2022

5-1/2" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
45WPA



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SHEAR STUD	1	45WP16-55k
2	UPPER RELEASE ROD	1	45WP04
3	SAFETY SUB	1	45WP01
4	DRIVE PIN	1	DP01
5	FISHING NECK	1	45WP02** (C/J)
6	BRASS SET SCREW	8	1/4-20 x 1/2 B
7	EQUALIZING SLEEVE	1	45WP03
8	O-RING	1	216-90D Nitrile
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	BY-PASS SLEEVE	1	45WP06
12	RELEASE ROD X-OVER	1	45WP05
13	SETTING SLEEVE ADAPTER	1	45WP07
14	O-RING	1	230-90D Nitrile
15	O - RING	1	234-90D Nitrile
16	GAGE RING	1	45WP17*
17	PACKING ELEMENT	3	45WP23
18	ELEMENT SUPPORT SLEEVE	1	45WP18
19	ELEMENT SPACER	2	45WP24*
20	PICKUP RING	1	45WP12
21	GUIDE RING	1	45WP19*
22	BRASS SET SCREW	8	5/16-18 x 3/8 B
23	LOCK RING	1	45WP20
24	UPPER CONE	1	45WP21
25	SETTING MANDREL	1	45WP08
26	LOWER RELEASE ROD	1	45WP09
27	BRASS SET SCREW	4	1/4 - 20 x 1/4 B
28	SLIP CAGE	1	45WP13
29	SLIP	5	45WP22
30	SLIP SPRING	5	45WP25
31	LOWER CONE	1	45WP11
32	BOTTOM SUB	1	45WP10
33	SET SCREW	3	1/4-20 X 3/16
34	CONE RETAINER	1	45WP15

*** Specify Casing Range when Ordering**
**** Specify Collet or J-Type**

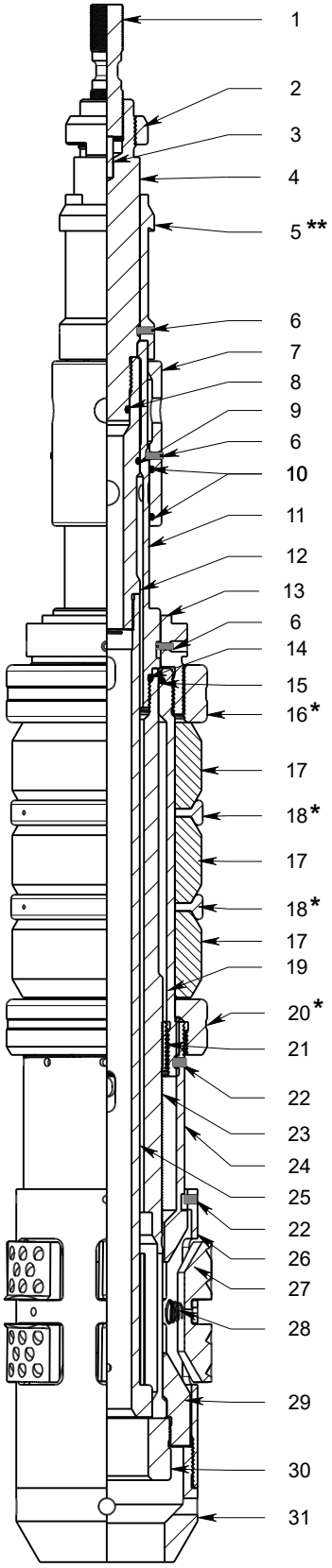
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REV 0 - 08/08/2022

7" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
47WPA



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SHEAR STUD	1	45WP16-55k
2	SAFETY SUB	1	45WP01
3	DRIVE PIN	1	DP01
4	UPPER RELEASE ROD	1	45WP04
5	FISHING NECK	1	45WP02** (C/J)
6	BRASS SET SCREW	8	1/4-20 x 1/2 B
7	EQUALIZING SLEEVE	1	45WP03
8	O-RING	1	216-90D Nitrile
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	BY-PASS SLEEVE	1	45WP06
12	RELEASE ROD X-OVER	1	45WP05
13	SETTING SLEEVE ADAPTER	1	47WP07
14	O-RING	1	230-90D Nitrile
15	O-RING	1	235-90D Nitrile
16	GAGE RING	1	47WP17*
17	PACKING ELEMENT	3	47WP23
18	ELEMENT SPACER	2	47WP24*
19	ELEMENT SUPPORT SLEEVE	1	47WP18
20	GUIDE RING	1	47WP19*
21	LOCK RING	1	47WP20
22	BRASS SHEAR SCREW	12	5/16-18 x 3/8 B
23	SETTING MANDREL	1	47WP08
24	UPPER CONE	1	47WP21
25	LOWER RELEASE ROD	1	47WP09
26	SLIP CAGE	1	47WP13***
27	SLIP	5	47WP22***
28	SLIP SPRING	10	45WP25
29	LOWER CONE	1	47WP11
30	BOTTOM SUB	1	47WP10
31	CONE RETAINER	1	47WP15

* Specify Casing Range when Ordering
** Specify Collet or J-Type
*** **NOTE: THE 47WP-C2 (Casing Range 17-20#) REQUIRES PART #'s 48WP13 AND 49WP22**

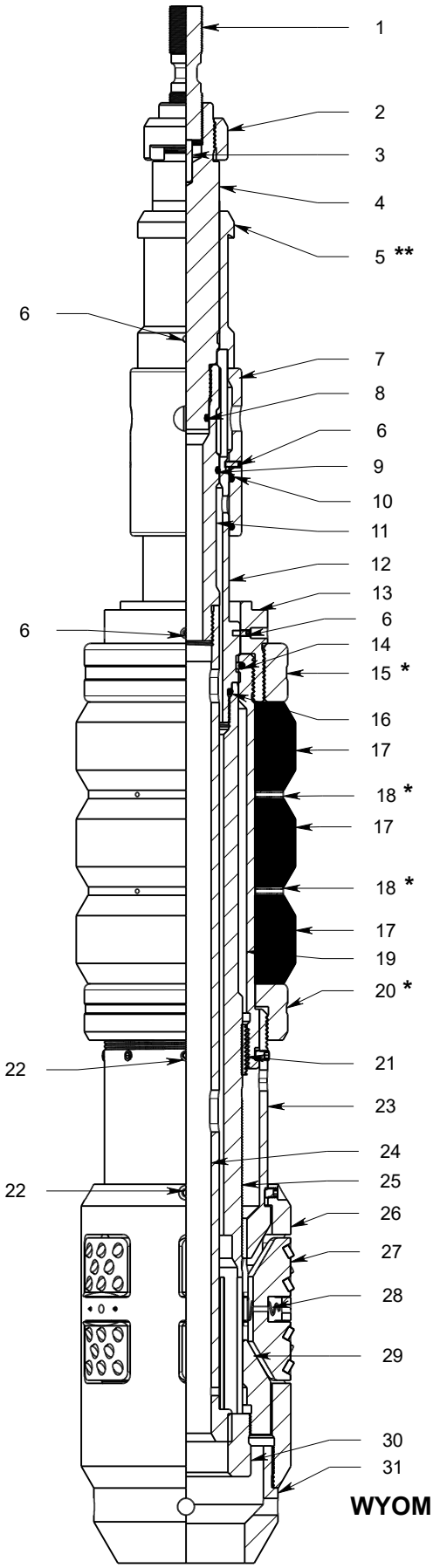
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REV 0 - 08/08/2022

7-5/8" Wireline Retrievable Bridge Plug "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
48WPA



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SHEAR STUD	1	45WP16-55k
2	SAFETY SUB	1	45WP01
3	DRIVE PIN	1	DP01
4	UPPER RELEASE ROD	1	45WP04
5	FISHING NECK	1	45WP02** (C/J)
6	BRASS SET SCREW	8	1/4-20 x 1/2 B
7	EQUALIZING SLEEVE	1	45WP03
8	O-RING	1	216-90D Nitrile
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	RELEASE ROD X-OVER	1	45WP05
12	BY-PASS SLEEVE	1	45WP06
13	SETTING SLEEVE ADAPTER	1	47WP07
14	O-RING	1	235-90D Nitrile
15	GAGE RING	1	47WP17*
16	O-RING	1	230-90D Nitrile
17	PACKING ELEMENT	3	48WP23
18	ELEMENT SPACER	2	47WP24*
19	ELEMENT SUPPORT SLEEVE	1	47WP18
20	GUIDE RING	1	47WP19*
21	LOCK RING	1	47WP20
22	BRASS SHEAR SCREW	12	5/16-18 x 3/8B
23	UPPER CONE	1	47WP21
24	LOWER RELEASE ROD	1	47WP09
25	SETTING MANDREL	1	47WP08
26	SLIP CAGE	1	48WP13
27	SLIP	5	49WP22
28	SLIP SPRING	10	49WP25
29	LOWER CONE	1	47WP11
30	BOTTOM SUB	1	47WP10
31	CONE RETAINER	1	47WP15

* Specify Casing Range when Ordering
** Specify Collet or J-Type

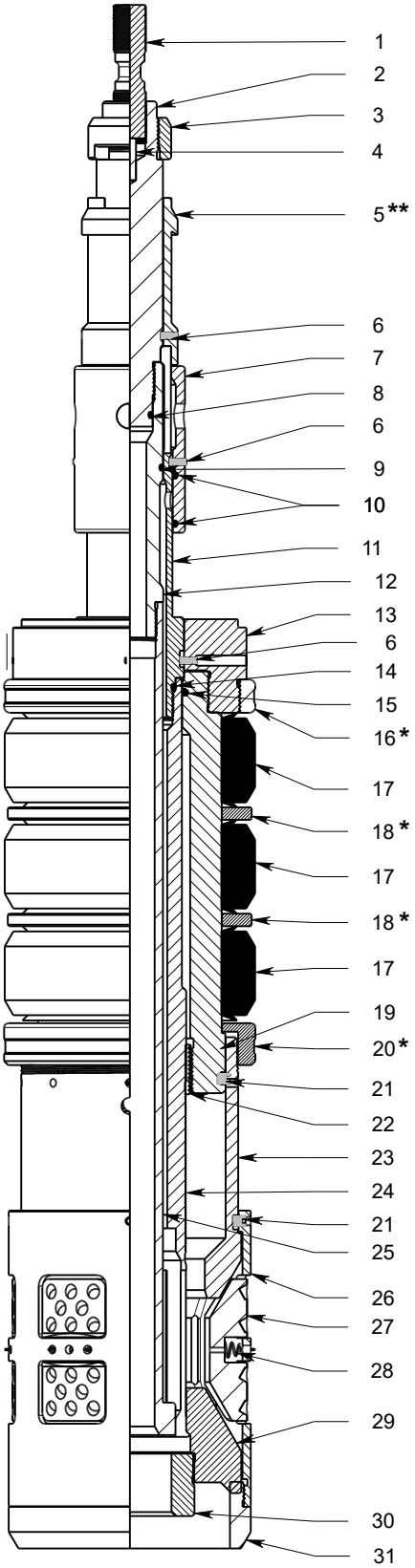
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REV 0 - 08.08.2022

8-5/8" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
49WPA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SHEAR STUD	1	45WP16-55K
2	UPPER RELEASE ROD	1	45WP04
3	SAFETY SUB	1	45WP01
4	DRIVE PIN	1	DP01
5	FISHING NECK	1	45WP02** (C/J)
6	Brass Shear Screw	8	1/4-20 x 1/2 B
7	EQUALIZING SLEEVE	1	45WP03
8	O-RING	1	216-90D Nitrile
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	BY-PASS SLEEVE	1	45WP06
12	RELEASE ROD X-OVER	1	45WP05
13	SETTING SLEEVE ADAPTER	1	49WP07
14	O-RING	1	230-90D Nitrile
15	O-RING	1	235-90D Nitrile
16	GAGE RING	1	49WP17*
17	PACKING ELEMENT	3	49WP23
18	PACKING ELEMENT SPACER	2	49WP24*
19	ELEMENT SUPPORT SLEEVE	1	49WP18
20	GUIDE RING	1	49WP19*
21	BRASS SHEAR SCREW	12	5/16-18 x 3/8 B
22	LOCK RING	1	47WP20
23	UPPER CONE	1	49WP21
24	SETTING MANDREL	1	47WP08
25	Lower Release Rod	1	47WP09
26	SLIP CAGE	1	49WP13
27	SLIP	6	49WP22
28	SLIP SPRING	12	49WP25
29	LOWER CONE	1	49WP11
30	BOTTOM SUB	1	47WP10
31	CONE RETAINER	1	49WP15

* SPECIFY CASING RANGE WHEN ORDERING
** SPECIFY **COLLET** OR **J-STYLE**

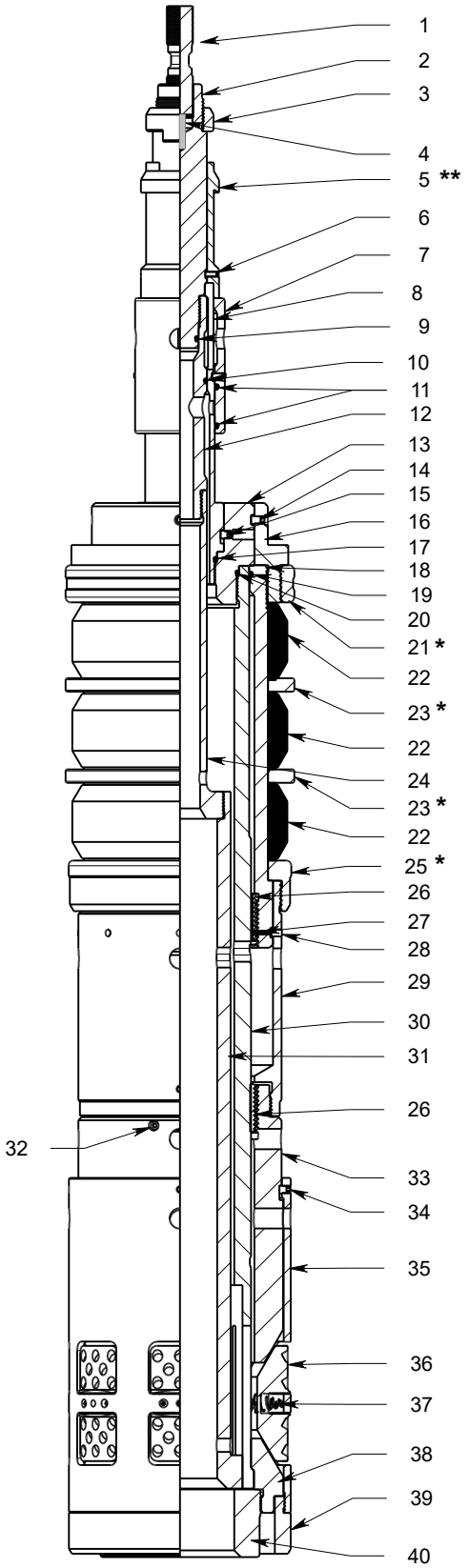
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REV 0 - 08/08/2022

9-5/8" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
51WPA



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SHEAR STUD	1	45WP16-55k
2	UPPER RELEASE ROD	1	45WP04
3	SAFETY SUB	1	45WP01
4	DRIVE PIN	1	DP01
5	FISHING NECK	1	45WP02** (C/J)
6	BRASS SET SCREW	4	1/4-20 x 1/2 B
7	EQUALIZING SLEEVE	1	45WP03
8	BY-PASS SLEEVE	1	45WP06
9	O-RING	1	216-90D Nitrile
10	O-RING	1	224-90D Nitrile
11	O-RING	2	231-90D Nitrile
12	RELEASE ROD X-OVER	1	45WP05
13	RELEASE ROD ADAPTER	1	51WP14
14	BRASS SET SCREW	4	5/16 x 18 x 1/2 B
15	SOCKET SET SCREW	7	5/16-18 x 3/8
16	SETTING SLEEVE ADAPTER	1	51WP07
17	O-RING	1	230-90D Nitrile
18	ELEMENT SUPPORT SLEEVE	1	51WP18
19	O-RING	1	251-90D Nitrile
20	O-RING	1	243-90D Nitrile
21	GAGE RING	1	51WP17*
22	PACKING ELEMENT	3	51WP23
23	ELEMENT SPACER	2	51WP24*
24	LOWER RELEASE ROD ADAPTER	1	51WP26
25	GUIDE RING	1	51WP19*
26	LOCK RING	2	51WP20
27	SPRING PIN	1	SP1/8 x 5/8_SPNG
28	BRASS SHEAR SCREW	8	5/16-18 x 3/8 B
29	UPPER CONE EXTENSION	1	51WP27
30	SETTING MANDREL	1	51WP08
31	LOWER RELEASE ROD	1	51WP09
32	SOCKET HEAD CAP SCREW	1	10-32 x 3/4
33	UPPER CONE	1	51WP21
34	BRASS SHEAR SCREW	4	5/16-18 x 3/8B
35	SLIP CAGE	1	51WP13
36	SLIP	7	51WP22
37	SLIP SPRING	14	49WP25
38	LOWER CONE	1	51WP11
39	CONE RETAINER	1	51WP15
40	BOTTOM SUB	1	51WP10

* Specify Casing Range when Ordering
** Specify Collet or J-Type

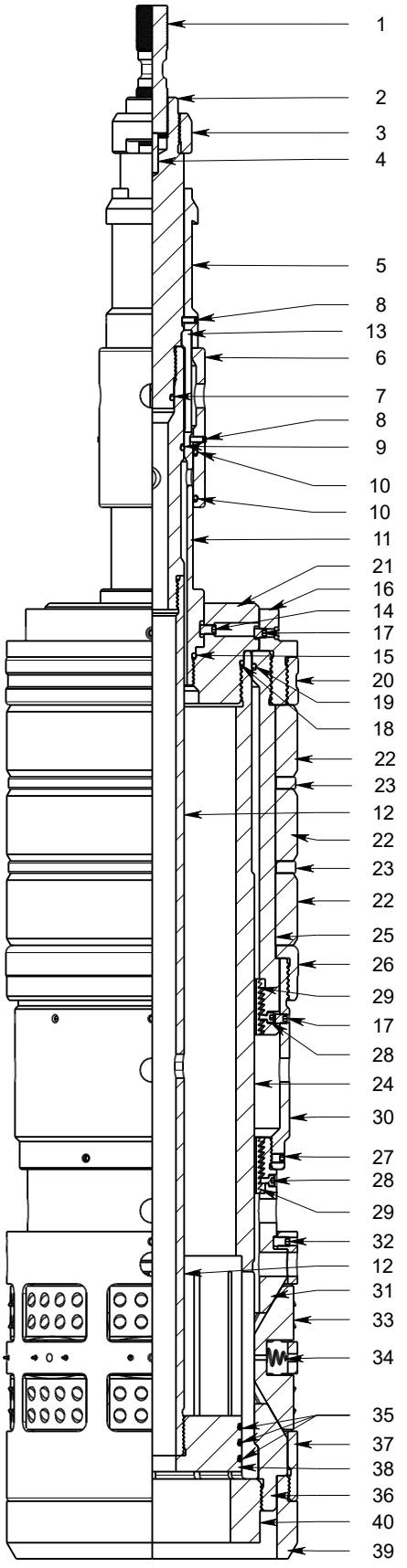
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REV 0 - 08/08/2022

10-3/4" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
53WPA



PART & ASSEMBLY

Item #	Description	QTY	Part Name
1	SHEAR STUD	1	45WP16-55k
2	UPPER RELEASE ROD	1	45WP04
3	SAFETY SUB	1	45WP01
4	DRIVE PIN	1	DP01
5	FISHING NECK	1	45WP02
6	EQUALIZING SLEEVE	1	45WP03
7	O-RING	1	216-90D Nitrile
8	BRASS SET SCREW	4	1/4-20 x 1/2 B
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	RELEASE ROD X-OVER	1	45WP05
12	LOWER RELEASE ROD	1	53WP26
13	BY-PASS SLEEVE	1	45WP06
14	SOCKET SET SCREW	4	5/16-18 x 1/2
15	O-RING	1	230-90D Nitrile
16	SETTING SLEEVE ADAPTER	1	53WP07
17	BRASS SHEAR SCREW	12	5/16-18 x 3/8B
18	O-RING	1	254-90D Nitrile
19	O-RING	1	259-90D Nitrile
20	GAGE RING	1	53WP17
21	RELEASE ROD ADAPTER	1	53WP14
22	PACKING ELEMENT	3	53WP23
23	PACKING ELEMENT SPACER	2	53WP24
24	SETTING SLEEVE	1	53WP08
25	ELEMENT SUPPORT SLEEVE	1	53WP18
26	GUIDE RING	1	53WP19
27	SOCKET SET SCREW	3	5/16-18 x 3/8
29	LOCK RING	2	53WP20
28	SOCKET HEAD CAP SCREW	2	10-32 x 1/4 CAP
30	UPPER CONE EXTENSION	1	53WP27
31	UPPER CONE	1	53WP21
32	BRASS SHEAR SCREW	4	5/16-18 x 1/2 B
33	SLIP	8	53WP22
34	SLIP SPRING	16	49WP25
35	O-RING	3	253-90D Nitrile
36	LOWER CONE	1	53WP11
37	SLIP CAGE	1	53WP13
38	LOWER REALEASE ROD	1	53WP09
39	CONE RETAINER	1	53WP15
40	BOTTOM SUB	1	53WP10

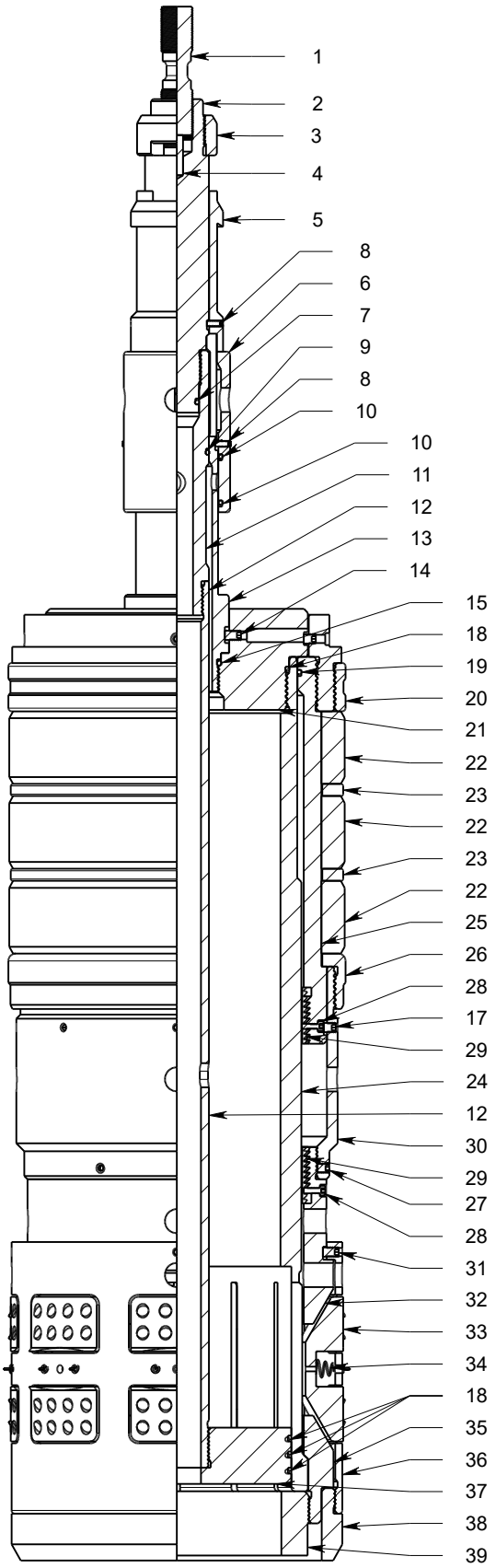
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REV P2 - 08/08/2022

11-3/4" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
54WPA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SHEAR STUD	1	45WP16-55k
2	UPPER RELEASE ROD	1	45WP04
3	SAFETY SUB	1	45WP01
4	DRIVE PIN	1	DP01
5	FISHING NECK	1	45WP02
6	EQUALIZING SLEEVE	1	45WP03
7	O-RING	1	216-90D Nitrile
8	BRASS SET SCREW	4	1/4-20 x 1/2 B
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	RELEASE ROD X-OVER	1	45WP05
12	LOWER RELEASE ROD	1	54WP26
13	BY-PASS SLEEVE	1	45WP06
14	SOCKET SET SCREW	4	5/16-18 x 1/2
15	O-RING	1	230-90D Nitrile
16	SETTING SLEEVE ADAPTER	1	54WP07
17	BRASS SHEAR SCREW	12	5/16-18 x 3/8B
18	O-RING	4	261-90D Nitrile
19	O-RING	1	264-90D Nitrile
20	GAGE RING	1	54WP17
21	RELEASE ROD ADAPTER	1	54WP14
22	PACKING ELEMENT	3	54WP23
23	PACKING ELEMENT SPACER	2	54WP24
24	SETTING SLEEVE	1	54WP08
25	ELEMENT SUPPORT SLEEVE	1	54WP18
26	GUIDE RING	1	54WP19
27	SOCKET SET SCREW	3	5/16-18 x 3/8
28	SOCKET HEAD CAP SCREW	2	10-32 x 1/2 CAP
29	LOCK RING	2	54WP20
30	UPPER CONE EXTENSION	1	54WP27
31	BRASS SHEAR SCREW	4	5/16-18 x 1/2 B
32	UPPER CONE	1	54WP21
33	SLIP	8	54WP22
34	SLIP SPRING	16	49WP25
35	LOWER CONE	1	54WP11
36	SLIP CAGE	1	54WP13
37	LOWER RELEASE ROD	1	54WP09
38	CONE RETAINER	1	54WP15
39	BOTTOM SUB	1	54WP10

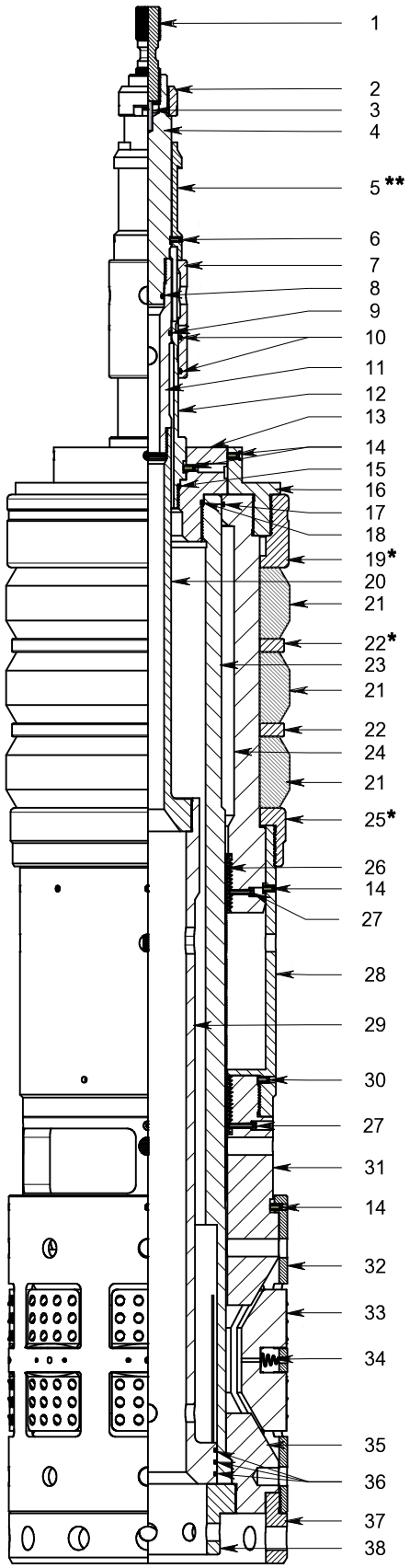
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REV P2 - 08/08/2022

13-3/8" WIRELINE RETRIEVABLE BRIDGE PLUG

WYOMING COMPLETION TECHNOLOGIES

Part #
55WP



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SHEAR STUD	1	45WP16-55k
2	SAFETY SUB	1	45WP01
3	DRIVE PIN	1	375 x 125 DP(DP01)
4	UPPER RELEASE ROD	1	45WP04
5	FISHING NECK	1	45WP02** (C/J)
6	BRASS SET SCREW	2	1/4-20 x 1/2 B
7	EQUALIZING SLEEVE	1	45WP03
8	O-RING	1	216-90D Nitrile
9	O-RING	1	224-90D Nitrile
10	O-RING	2	231-90D Nitrile
11	RELEASE ROD X-OVER	1	45WP05
12	BY-PASS SLEEVE	1	45WP06
13	RELEASE ROD ADAPTER	1	55WP14
14	BRASS SET SCREW	21	5/16-18 x 1/2 B
15	O-RING	1	230-90D Nitrile
16	SETTING SLEEVE ADAPTER	1	55WP07
17	O-RING	1	259-90D Nitrile
18	O-RING	1	246-90D Nitrile
19	GAGE RING	1	55WP17*
20	LOWER RELEASE ROD ADAPTER	1	55WP26
21	PACKING ELEMENT	3	55WP23-3.030
22	PACKING ELEMENT SPACER	2	55WP24*
23	SETTING MANDREL	1	55WP08
24	ELEMENT SUPPORT SLEEVE	1	55WP18
25	GUIDE RING	1	55WP19*
26	LOCK RING	2	55WP20
27	SOCKET HEAD CAP SCREW	2	10-32 x 1
28	UPPER CONE EXTENSION	1	55WP27
29	LOWER RELEASE ROD	1	55WP09
30	STEEL SET SCREW	3	5/16-18 x 1/2
31	UPPER CONE	1	55WP21
32	SLIP CAGE	1	55WP13
33	SLIP	8	55WP22
34	SLIP SPRING	16	49WP25
35	LOWER CONE	1	55WP11
36	O-RING	3	255-Teflon
37	CONE RETAINER	1	55WP15
38	BOTTOM SUB	1	55WP10

*** SPECIFY CASING RANGE WHEN ORDERING**
**** SPECIFY COLLET OR J-TYPE**

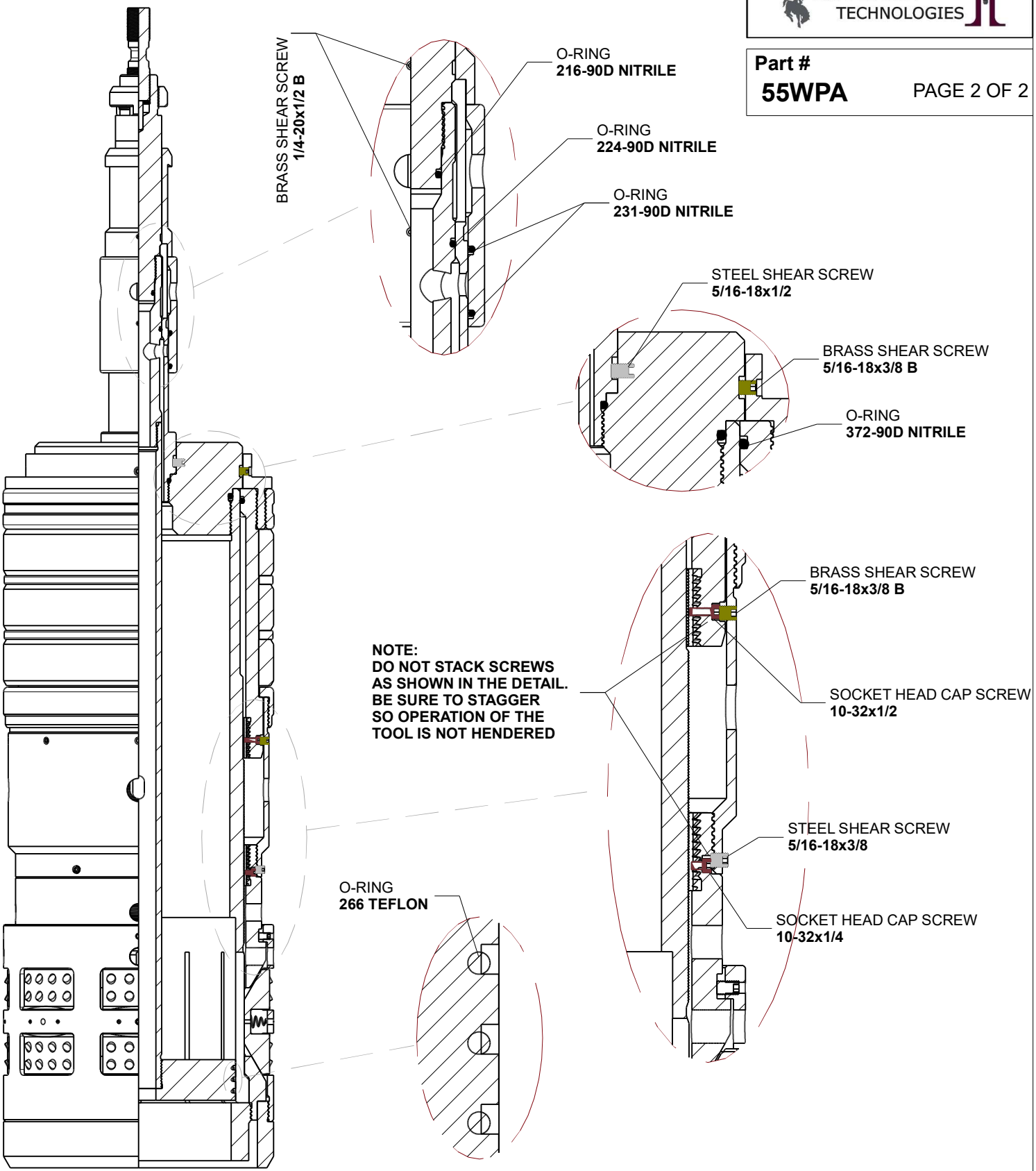
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Website: wyomingcompletions.com

WEIGHT	
862.03 lbs	
DATE	REV.
01/23/2023	1

13-3/8" WIRELINE RETRIEVABLE BRIDGE PLUG "WP"

WYOMING COMPLETION TECHNOLOGIES

Part #
55WPA



WYOMING COMPLETION TECHNOLOGIES, INC.
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REV P2 - 08/08/2022

5K DRILLABLE BRIDGE PLUG



5K Type-B Bridge Plug

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES 5K Bridge Plug is specifically designed to provide a low cost, medium performance plug to temporarily or permanently abandon a wellbore. Other zone isolation applications for the 5K Bridge Plug includes testing, cementing, or stimulating. The 5K Bridge Plug can be set on wireline.

FEATURES/BENEFITS

- Cost effective & dependable
- Nitrile elastomer element system
- Top equalizing
- Materials are compatible with P-110 casing
- Quick and easy drill-up
- Compatible with standard wireline pressure setting tools or many hydraulic setting tools
- Optional: Mule Shoe

APPLICATIONS

- Squeeze cementing
- Fracturing
- Temporary or permanent plug and abandonment

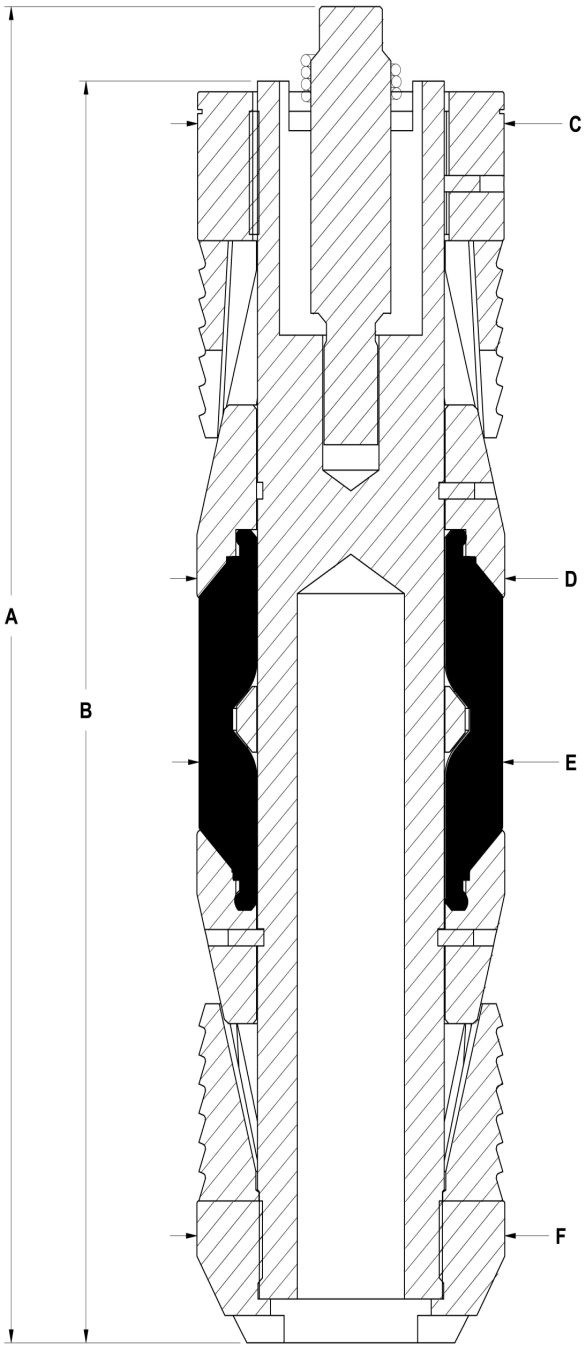
TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
35CPAA-5K	3-1/2 88.90	3.068 77.93	2.992 76.00	5.75 – 10.3 8.56 – 15.33	2.76 70.10
43CPAA-5K	4-1/2 114.30	4.090 103.89	3.820 97.03	9.5 – 15.1 14.14 – 22.47	3.61 91.69
44CPAA-5K	5 127.00	4.560 115.82	4.276 108.61	11.5 -18 17.11 – 26.79	3.93 99.82
45CPAA-5K	5-1/2 139.70	5.044 128.12	4.670 118.62	13 – 23 19.35 – 34.23	4.31 109.47
46CPAA-5K	6-5/8 168.28	6.130 155.70	5.580 141.73	17 – 34.5 25.30 – 51.34	5.38 136.65
47CPAA-5K	7 177.80	6.530 165.86	6.000 152.40	17 – 35 25.30 – 52.09	5.69 144.53
47CPAA-B-5K	7 177.80	6.800 172.72	6.330 160.78	17 – 24 25.30 – 35.72	6.00 152.40
	7-5/8 193.68			33.7 – 47.1 50.15 – 70.09	
48CPAA-5K	7-5/8 193.68	7.250 184.15	6.620 168.15	20 – 39 29.76 – 58.04	6.31 160.27
49CPAA-5K	8-5/8 219.08	8.090 205.49	7.430 188.72	24 – 52 35.72 – 77.38	7.12 180.85
51CPAA-5K	9-5/8 244.48	9.060 230.12	8.370 212.60	29.3 – 61.1 43.60 – 90.93	8.12 206.25

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REV 0 – 06/02/2022

TYPE-B BRIDGE PLUG - 5K



LENGTHS & DIAMETERS

TOOL	A	B	C	D	E	F
35CPAA-5K	19.55	11.99	2.75	2.75	2.70	2.75
43CPAA-5K	18.17	11.75	3.61	3.43	3.52	3.60
44CPAA-5K	21.17	15.12	3.94	3.93	3.90	3.94
45CPAA-5K	15.44	14.56	4.29	4.31	4.25	4.31
46CPAA-5K	18.51	17.92	5.38	5.38	5.25	5.38
47CPAA-5K	18.77	18.05	5.69	5.69	5.62	5.69
48CPAA-5K	18.47	17.87	6.31	6.31	6.25	6.31
49CPAA-5K	19.57	18.95	7.12	7.12	7.13	7.12
51CPAA-5K	19.45	18.87	8.12	8.12	8.12	8.12

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10K DRILLABLE BRIDGE PLUG

SIZES 2-3/8” – 7-5/8”



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES 10K Bridge Plug is specifically designed to provide a low cost, medium performance plug to temporarily or permanently abandon a wellbore. Other zone isolation applications for the 10K Bridge Plug includes testing, cementing, or stimulating. The 10K Bridge Plug can be set on wireline.

FEATURES/BENEFITS

- Cost effective & dependable
- Nitrile elastomer element system
- Top equalizing
- Materials are compatible with P-110 casing
- Expandable metal backup rings
- Quick and easy drill-up
- Compatible with standard wireline pressure setting tools or many hydraulic setting tools
- Optional: Mule Shoe

APPLICATIONS

- Squeeze cementing
- Fracturing
- Temporary or permanent plug and abandonment

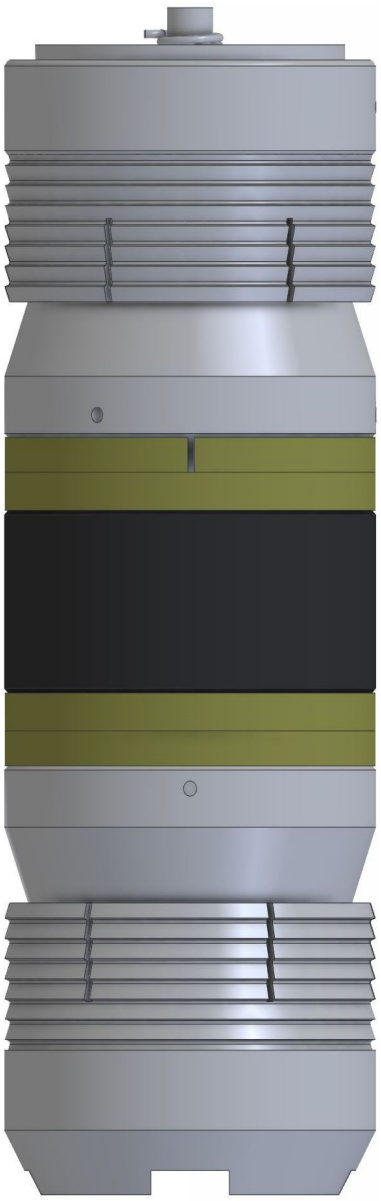
TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
23CPAA-10K	2-3/8 *60.33*	2.074 *52.68*	1.780 *45.21*	4 – 5.8 *5.95 – 8.63*	1.75 *44.45*
27CPAA-10K	2-7/8 *73.03*	2.441 *62.00*	2.347 *59.61*	6.4 – 7.8 *9.52 – 11.61*	2.23 *56.64*
35CPAA-10K	3-1/2 *88.90*	3.068 *77.93*	2.992 *76.00*	5.75 – 10.3 *8.56 – 15.33*	2.76 *70.10*
35CP-A2-10K	3-1/2 *88.90*	2.750 *69.85*		12.95 *19.27*	2.57 *65.28*
40CPAA-10K	4 *101.6*	3.729 *94.72*	3.340 *84.84*	5.60 - 14.00 *8.33 - 20.83*	3.140 *79.76*
43CPAA-10K	4-1/2 *114.30*	4.090 *103.89*	3.820 *97.03*	9.5 – 15.1 *14.14 – 22.47*	3.61 *91.69*
43CPAA-10K-2.87	4-1/2 *114.30*	3.958 *100.53*	3.920 *99.57*	12.6 - 13.5 *18.75 - 20.09*	2.87 *72.90*
44CPAA-10K	5 *127.00*	4.560 *115.82*	4.276 *108.61*	11.5 -18 *17.11 – 26.79*	3.93 *99.82*
45CPAA-10K	5-1/2 *139.70*	5.044 *128.12*	4.670 *118.62*	13 – 23 *19.35 – 34.23*	4.31 *109.47*
60CPAA-10K	6 *152.40*	5.352 *135.94*	5.240 *133.10*	20 – 22.8 *29.76 – 33.93*	5.115 *129.92*
46CPAA-10K	6-5/8 *168.28*	6.130 *155.70*	5.580 *141.73*	17 – 34.5 *25.30 – 51.34*	5.38 *136.65*
47CPAA-10K	7 *177.80*	6.530 *165.86*	6.000 *152.40*	17 – 35 *25.30 – 52.09*	5.69 *144.53*
47CPAA-B-10K	7 *177.80*	6.800 *172.72*	6.330 *160.78*	17 – 24 *25.30 – 35.72*	6.00 *152.40*
	7-5/8 *193.68*			33.7 – 47.1 *50.15 – 70.09*	
48CPAA-10K	7-5/8 *193.68*	7.250 *184.15*	6.620 *168.15*	20 – 39 *29.76 – 58.04*	6.312 *160.32*

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10K DRILLABLE BRIDGE PLUG

SIZES 8-5/8” – 20”



9-5/8” TYPE ‘B’
BRIDGE PLUG

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES 10K Bridge Plug is specifically designed to provide a low cost, medium performance plug to temporarily or permanently abandon a wellbore. Other zone isolation applications for the 10K Bridge Plug includes testing, cementing, or stimulating.
The 10K Bridge Plug can be set on wireline.

FEATURES/BENEFITS

- Cost effective & dependable
- Nitrile elastomer element system
- Top equalizing
- Materials are compatible with P-110 casing
- Expandable metal backup rings
- Quick and easy drill-up
- Compatible with standard wireline pressure setting tools or many hydraulic setting tools
- Optional: Mule Shoe

APPLICATIONS

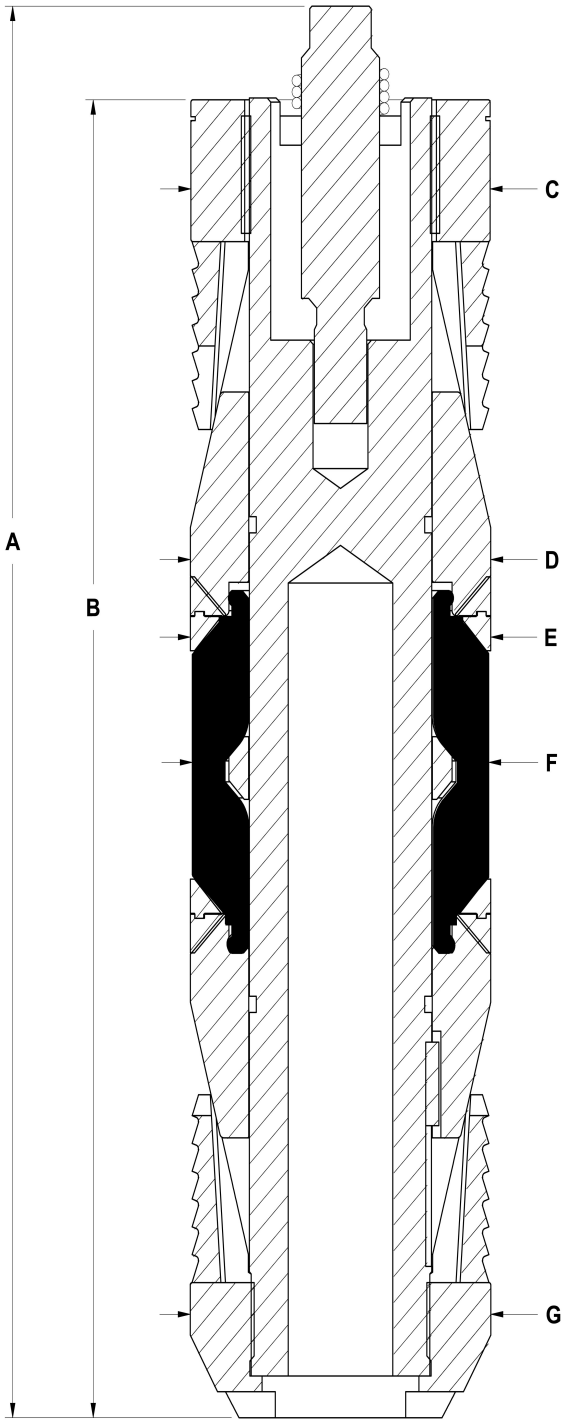
- Squeeze cementing
- Fracturing
- Temporary or permanent plug and abandonment

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
49CPAA-8K	8-5/8 *219.08*	8.097 *205.66*	7.125 *180.98*	24 – 49 *35.72 – 72.92*	7.125 *180.98*
51CPAA-8K	9-5/8 *244.48*	9.063 *230.20*	8.375 *212.73*	29.3 – 61.1 *43.60 – 90.93*	8.125 *206.38*
53CPAA-A1-5K	10-3/4 *273.05*	9.979 *253.47*	9.112 *231.44*	51 - 79.2 *75.89 - 117.86*	9.030 *229.36*
53CPAA-5K		10.192 258.88	9.660 *245.36*	32.75 – 60.7 *48.74 – 90.33*	9.440 *239.78*
54CPAA-4K	11-3/4 *298.45*	11.150 *283.21*	10.772 *273.61*	38 – 60 *56.55 – 89.29*	10.440 *265.18*
55CPAA-3K	13-3/8 *339.73*	12.715 *322.96*	12.347 *313.61*	48 – 72 *71.43 – 107.15*	12.000 *304.80*
57CPAA-2K	16 *406.40*	15.250 *387.35*	14.438 *366.73*	65 – 128 *96.73 – 190.49*	14.125 *358.78*
58CPAA-2K	18-5/8 *473.08*	18.000 *457.20*	17.480 *443.99*	87.5 *130.21*	17.125 *434.98*
59CPAA-2K	20 *508.00*	19.124 *485.75*	18.730 *475.74*	94 - 133 *139.89 - 197.93*	18.375 *466.73*

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TYPE-B BRIDGE PLUG - 10K

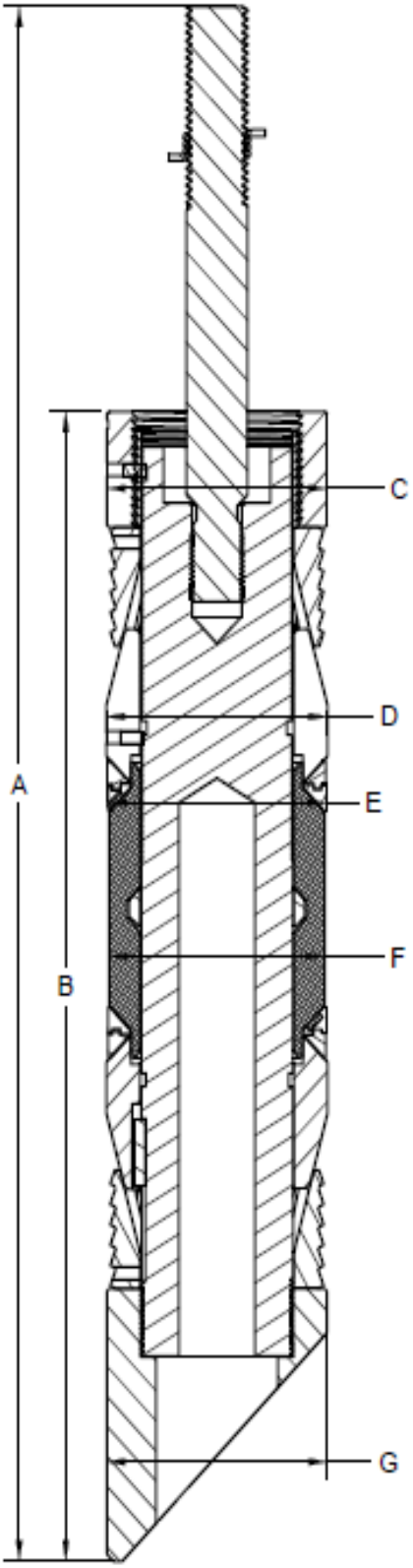


LENGTHS & DIAMETERS

TOOL	A	B	C	D	E	F	G
23CPAA-10K	15.18	8.79	1.75	1.75	1.73	1.74	1.75
27CPAA-10K	13.69	10.875	2.23	2.22	2.18	2.19	2.23
35CPAA-10K	19.55	11.99	2.75	2.75	2.69	2.70	2.75
35CP-A2-10K	19.55	11.99	2.57	2.57	2.55	2.55	2.57
43CPAA-10K	20.55	14.12	3.60	3.61	3.57	3.52	3.60
44CPAA-10K	21.37	15.32	3.93	3.93	3.89	3.90	3.94
45CPAA-10K	16.46	15.97	4.29	4.31	4.31	4.25	4.31
60CPAA-10K	18.70	18.00	5.12	5.12	5.12	5.12	5.12
46CPAA-10K	18.51	17.92	5.38	5.38	5.34	5.25	5.38
47CPAA-10K	18.77	18.05	5.69	5.69	5.64	5.62	5.69
48CPAA-10K	18.47	17.87	6.31	6.31	6.25	6.25	6.31
49CPAA-8K	19.57	18.95	7.12	7.12	7.10	7.13	7.12
51CPAA-8K	19.47	18.87	8.12	8.12	8.11	8.12	8.12
53CPAA-5K	20.18	19.50	9.43	9.43	9.44	9.42	9.43
54CPAA-4K	20.25	19.41	10.43	10.43	10.43	10.41	10.43
55CPAA-3K	20.38	19.60	11.99	11.99	12.00	11.92	11.99
57CPAA-2K	29.26	28.82	14.12	14.12	14.11	14.09	14.12
58CPAA-2K	29.26	28.86	16.80	16.80	16.79	16.77	16.80
59CPAA-2K	29.26	28.93	18.10	18.10	18.09	18.07	18.10

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TYPE-B BRIDGE PLUG - 10K - MULE SHOE

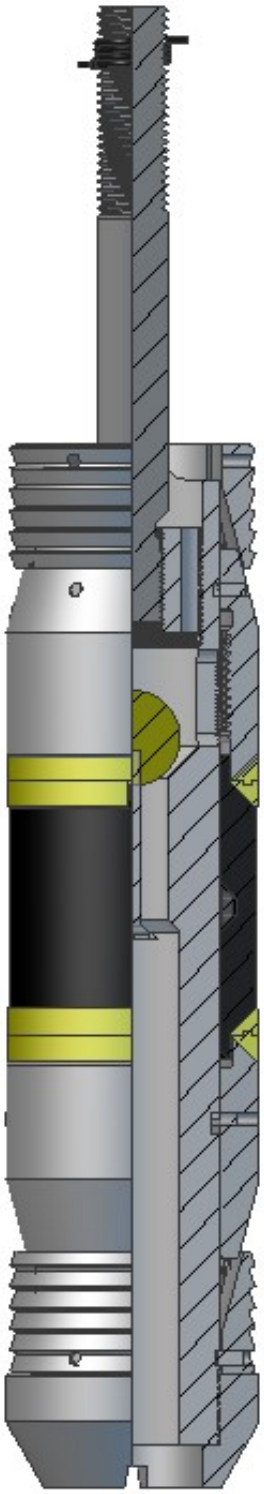


LENGTHS & DIAMETERS

TOOL	A	B	C	D	E	F	G
43CP-10K-MS	22.85	16.89	3.60	3.61	3.57	3.52	3.60

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DRILLABLE FRAC PLUG



Cast Iron Frac Plug

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Drillable Frac Plug is designed as a cost-effective, reliable tool to temporarily isolate multiple zones for fracturing or other treatments. The Drillable Frac Plug can be set on wireline.

FEATURES/BENEFITS

- Cost effective & dependable
- Nitrile elastomer element system
- One-piece heat-treated slips
- Materials are compatible with P-110 casing
- Top equalizing
- Quick and easy drill-up
- Compatible with standard wireline pressure setting tools or many hydraulic setting tools

APPLICATIONS

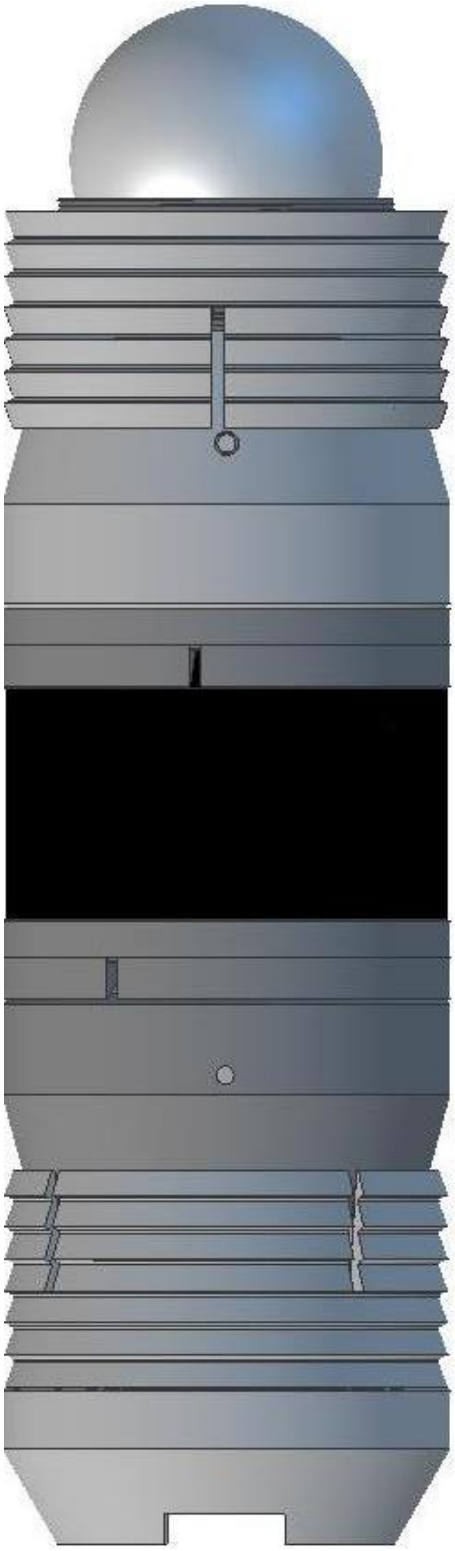
- Temporary zone isolation
- Fracturing
- Temporary plug

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
43CIFP	4-1/2 114.30	4.090 103.89	3.920 99.57	9.5 – 13.5 14.14 – 20.09	3.61 91.69
44CIFP	5 127.00	4.560 115.82	4.276 108.61	11.5 - 18 17.11 - 26.79	3.93 99.82
45CIFP	5-1/2 139.70	5.044 128.12	4.670 118.61	13 – 23 19.35 – 34.23	4.31 109.47
47CIFP	7 177.80	6.538 166.07	6.004 152.50	17 – 35 25.30 – 52.09	5.69 144.53

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BIG BORE DRILLABLE FRAC PLUG



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES 2.5 inch Drillable Frac Plug is designed as a cost-effective, reliable tool to temporarily isolate multiple zones for fracturing or other treatments. The Drillable Frac Plug can be set on wireline.

FEATURES/BENEFITS

- Cost effective & dependable
- Nitrile elastomer element system
- One-piece heat-treated slips
- Materials are compatible with P-110 casing
- Top equalizing
- Quick and easy drill-up
- Compatible with standard wireline pressure setting tools or many hydraulic setting tools

APPLICATIONS

- Temporary zone isolation
- Fracturing
- Temporary plug

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
43CIFP-2.5	4-1/2 114.3	3.83 97.282	3.83 97.282	15.1 22.47	3.50 88.90
45CIFP-2.5	5-1/2 139.7	5.04 128.02	4.67 118.62	13 – 23 19.35 – 34.23	4.31 109.47

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TYPE-A BRIDGE PLUG – 5K





DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Type A Bridge Plug is a dependable tubing or wireline set drillable plug. One-piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

- Cost-effective & dependable
- Nitrile elastomer element system
- Materials are compatible with P-110 casing
- Simple conversion to cement retainer
- Mechanical or wireline set
- Easily drilled

TECHNICAL DATA

PRODUCT # **M= Mechanical** **W= Wire-line**	**CASING**				**TOOL**
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
43CP-M/W-5K	4-1/2 *114.30*	4.090 *103.89*	3.820 *97.03*	9.5 – 15.1 *14.14 – 22.47*	3.610 *91.69*
45CP-M/W-5K	5-1/2 *139.70*	5.044 *128.12*	4.670 *118.62*	13 – 23 *19.35 – 34.23*	4.310 *109.47*

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TYPE-A BRIDGE PLUG – 10K





DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Type A Bridge Plug is a dependable tubing or wireline set drillable plug. One-piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

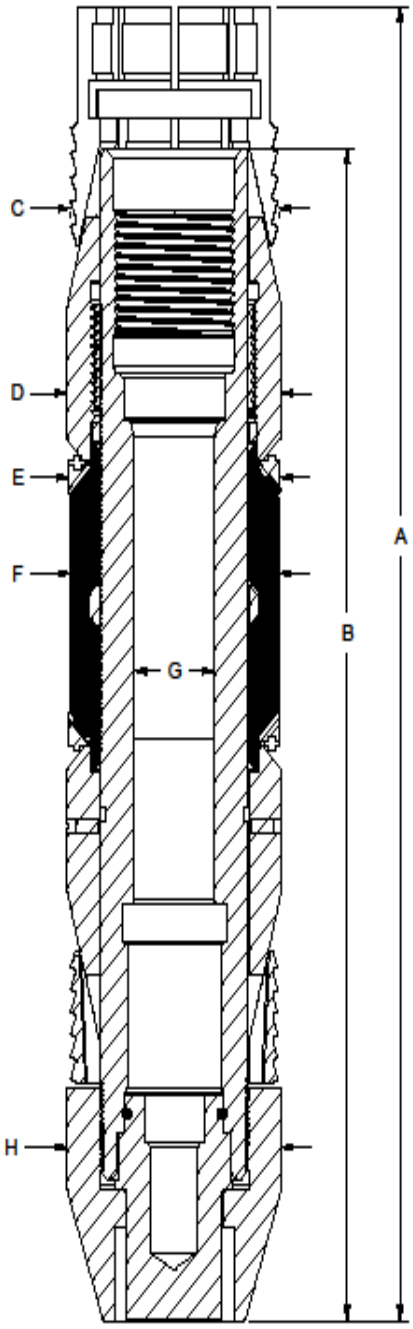
- Cost effective & dependable
- Nitrile elastomer element system
- Materials are compatible with P-110 casing
- Simple conversion to cement retainer
- Mechanical or wireline set
- Easily drilled

TECHNICAL DATA

PRODUCT # M= Mechanical W= Wire-line	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
43CP-M/W	4-1/2 *114.30*	4.090 *103.89*	3.820 *97.03*	9.5 – 15.1 *14.14 – 22.47*	3.61 *91.69*
44CP-M/W	5 *127.00*	4.560 *115.82*	4.276 *108.61*	11.5 -18 *17.11 – 26.79*	3.93 *99.82*
45CP-M/W	5-1/2 *139.70*	5.044 *128.12*	4.670 *118.62*	13 – 23 *19.35 – 34.23*	4.31 *109.47*
60CP-M/W	6 *152.4*	5.352 *135.94*	5.240 *133.10*	20 – 22.8 *29.76 – 33.93*	5.115 *129.92*
46CP-M/W	6-5/8 *168.28*	6.130 *409.82*	5.580 *141.73*	17 – 34.5 *25.3 – 51.3*	5.38 *136.65*
47CP-M/W	7 *177.80*	6.530 *165.86*	6.00 *152.40*	17 – 35 *25.30 – 52.09*	5.69 *144.53*
47CP-B-M/W	7 *177.80*	6.800 *172.72*	6.330 *160.78*	17 – 24 *25.30 – 35.72*	6.00 *152.40*
	7-5/8 *193.68*			33.7 – 47.1 *50.15 – 70.09*	
48CP-M/W	7-5/8 *193.68*	7.250 *184.15*	6.620 *168.15*	20 – 39 *29.76 – 58.04*	6.31 *160.327*
49CP-M/W	8-5/8 *219.08*	8.090 *205.49*	7.430 *188.72*	24 – 52 *35.72 – 77.38*	7.12 *180.85*
51CP-M/W	9-5/8 *244.48*	9.060 *230.12*	8.370 *212.60*	29.3 – 61.1 *43.60 – 90.93*	8.12 *206.25*
53CP-A1-M/W	10-3/4 *273.05*	9.979 *253.47*	9.112 *231.44*	51 – 79.2 *75.89 – 117.86*	9.030 *229.36*
53CP-M/W		10.192 *258.88*	9.660 *245.36*	32.7 – 60.7 *48.66 – 90.33*	9.44 *239.78*
54CP-A1-M/W	11-3/4 *298.45*	10.772 *273.61*	10.368 *263.35*	60 – 83 *89.29 – 123.52*	9.940 *252.48*
54CP-M/W		11.150 *283.21*	10.772 *273.61*	38 – 60 *56.55 – 89.29*	10.43 *264.92*
55CP-M/W	13-3/8 *339.73*	12.715 *322.96*	12.191 *309.65*	48 – 72 *71.43 – 107.15*	12.00 *304.08*
57CP-M/W	16 *406.40*	15.250 *387.35*	14.250 *361.95*	65 - 128 *96.73 - 190.49*	14.10 *358.14*
58CP-M/W	18-5/8 *473.08*	18.000 *457.20*	17.480 *443.99*	87.5 *130.21*	17.13 *435.10*
59CP-M/W	20 *508.00*	19.124 *485.75*	18.330 *465.58*	94 - 133 *139.89 - 197.93*	18.38 *466.85*

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TYPE-A BRIDGE PLUG



4 1/2” – 20” TYPE-A
LENGTHS & DIAMETERS

TOOL	SIZE	A	B	C	D	E	F	G	H
		Mech Wire	Mech Wire	Mech Wire	Mech Wire	Mech Wire	Mech Wire	Mech Wire	Mech Wire
43CP	4-1/2	17.93 16.61	15.67	2.49	3.61	3.57	3.52	1.35	3.61
44CP	5	17.93 16.61	15.67	3.88	3.93	3.89	3.90	1.35	3.94
45CP	5-1/2	17.94 16.59	15.67	4.30	4.31	4.31	4.25	1.35	4.31
47CP	7	18.41 17.45	16.89	5.63	5.69	5.64	5.62	2.02	5.69
47CP-B	7	18.41 17.45	16.89	5.93	6.00	5.93	5.93	2.02	5.69
48CP	7-5/8	19.75 17.45	16.95	6.25	6.31	6.26	6.26	2.02	6.32
49CP	8-5/8	21.10 18.81	17.41	7.07	7.13	7.11	7.13	2.02	7.13
51CP	9-5/8	20.67 18.54	17.40	8.07	8.13	8.12	8.12	2.02	8.13
53CP	10-3/4	21.03 19.9	17.33	9.38	9.44	9.44	9.42	2.02	9.44
54CP	11-3/4	20.35 18.63	16.83	10.38	10.43	10.43	10.41	2.02	10.43
55CP	13-3/8	21.01 18.79	17.36	11.87	11.99	11.99	11.92	2.02	11.99
57CP	16	29.59 27.72	25.95	14.09	14.12	14.11	14.09	2.02	14.12
58CP	18-5/8	29.66 27.43	26.07	16.77	16.80	16.79	16.77	2.02	16.80
59CP	20	29.46 27.40	25.88	18.07	18.38	18.31	18.18	2.02	18.34

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X-TENDED RANGE BRIDGE PLUG



2 7/8” XBP-1.9
Displayed

DESCRIPTION

The Wyoming Completion Technologies Extended Range Bridge Plug provides an effective means of running through restrictions and then setting below in larger diameters, allowing wells to be serviced without first pulling tubing.

FEATURES/BENEFITS

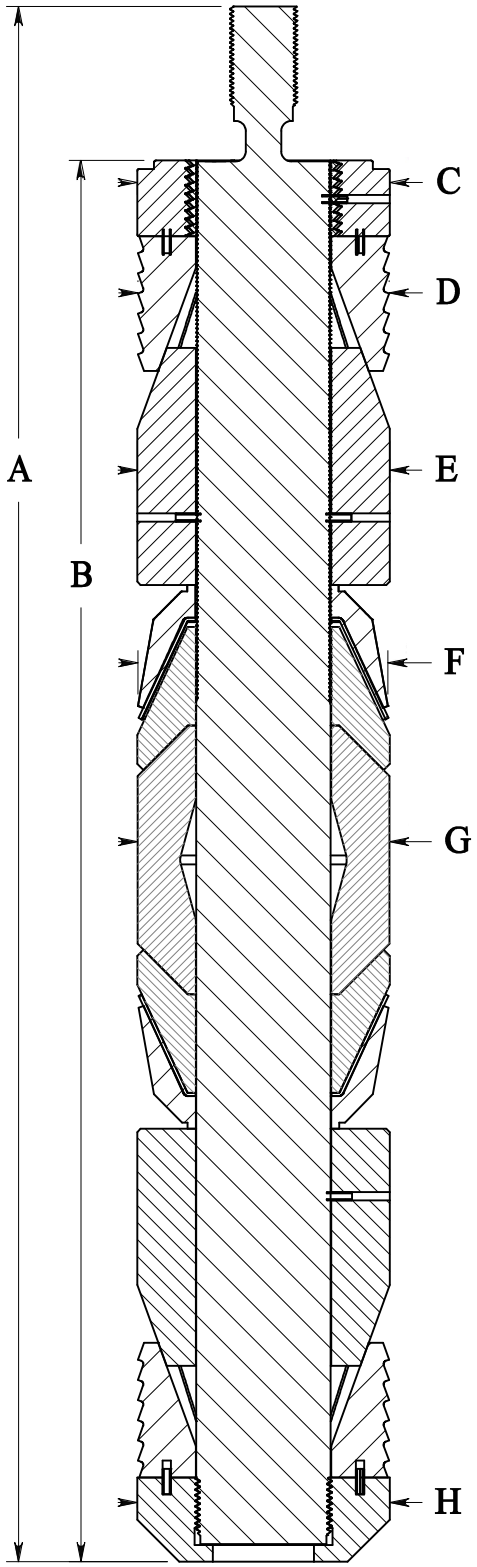
- Cost effective and dependable
- Small tool diameter for getting past restrictions
- Nitrile elastomer element system
- Easily milled

TECHNICAL DATA

PRODUCT #	CASING	SETTING RANGE		TOOL
	OD	ID MAX.	ID MIN.	OD
	Inches/ *mm*	Inches/ *mm*	Inches/ *mm*	Inches/ *mm*
23XBP-1.41	2-3/8” *60.33*	1.995 *50.67*	1.610 *40.89*	1.41 *35.81*
27XBP-1.75	2-7/8” *73.03*	2.441 *62.00*	1.905 *48.39*	1.75 *44.45*
27XBP-1.9	2-7/8” *73.03*	2.765 *70.23*	2.156 *54.76*	1.90 *48.26*
35XBP-2.19	3-1/2” *88.90*	3.000 *76.20*	2.375 *60.33*	2.19 *55.63*
35XBP-2.28	3-1/2” *88.90*	3.343 *84.91*	2.441 *62.00*	2.28 *57.91*
40XBP-2.50	4” *101.60*	3.500 *88.90*	2.875 *73.03*	2.50 *63.50*
40XBP-2.75	4” *101.60*	3.920 *99.57*	3.187 *80.95*	2.75 *69.85*
43XBP-3.0	4-1/2" *114.30*	4.154 *105.51*	3.437 87.30	3.00 *76.20*
45XBP-3.75	5-1/2” *139.70*	4.975 *126.37*	4.154 *105.51*	3.75 *95.25*

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X-TENDED RANGE BRIDGE PLUG



LENGTHS & DIAMETERS

PART #	MEASUREMENTS							
	A	B	C	D	E	F	G	H
23XBP-1.406	13.58	11.98	1.40	1.35	1.40	1.40	1.35	1.41
27XBP-1.75	17.81	14.42	1.75	1.70	1.75	1.76	1.73	1.75
27XBP-1.90	17.81	14.91	1.90	1.90	1.90	1.89	1.88	1.90
35XBP-2.187	19.17	16.12	2.18	2.13	2.18	2.25	2.10	2.18
35XBP-2.281	20.13	16.85	2.28	2.21	2.28	2.25	2.10	2.28
40XBP-2.50	21.46	17.71	N/A	2.46	2.48	2.42	2.47	2.48
40XBP-2.75	21.56	17.61	N/A	2.68	2.74	2.70	2.70	2.75
43XBP-3.00	20.99	18.69	3.00	2.98	3.00	2.96	2.98	2.99
45XBP-3.75	23.09	20.80	3.75	3.73	3.75	3.74	3.74	3.75

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0 - 03/12/2026

HYDRO-MECH BRIDGE PLUG (HMBP)



DESCRIPTION

The Wyoming Completion Technologies Cast Iron Hydro-Mech Bridge Plug (HMBP) is hydraulically activated and mechanically set. The HMBP is highly efficient and designed especially for high-pressure situations and easy drill-out. The HMST is specifically designed to be used with the WCT HM Bridge Plug. The HM Bridge Plug and Setting Tool can be purchased as a set or individually, eliminating the need for a new setting tool each time.

FEATURES/BENEFITS

- Cost-effective & dependable
- Nitrile elastomer element system
- Available with or without the HMBP Setting Tool
- Compact length
- Right-hand rotation releases from setting tool
- One-piece slips
- Quick and easy drill-up

APPLICATIONS

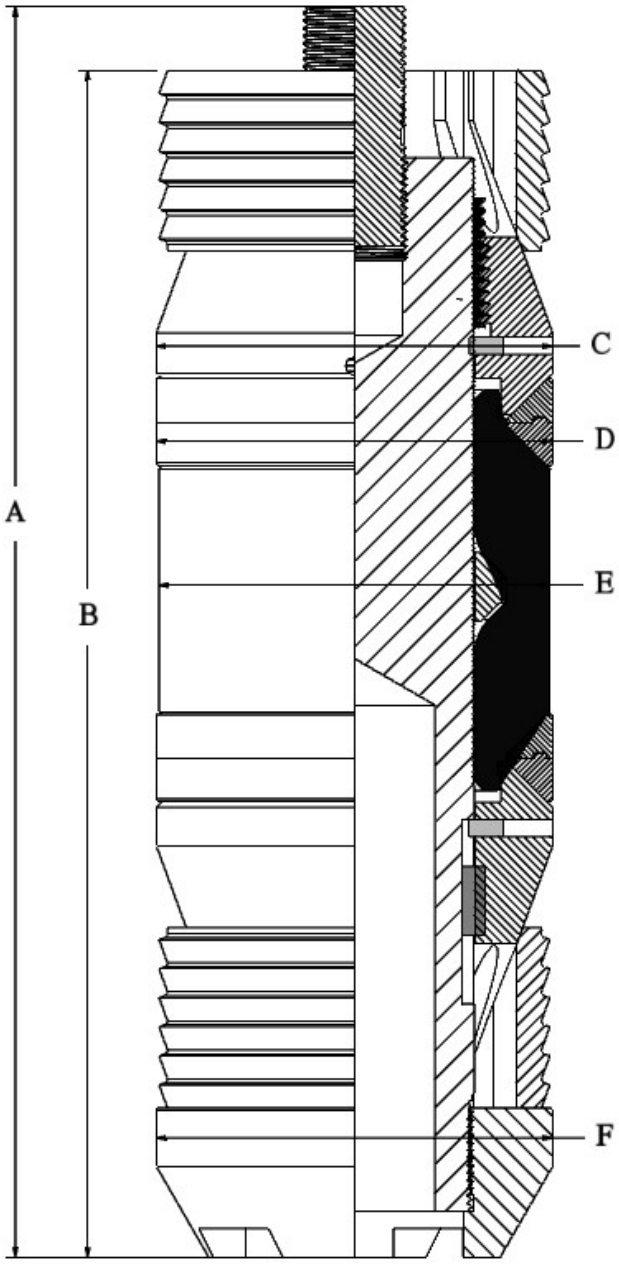
- Zone Isolation
- Squeeze cementing
- Fracturing
- Temporary or permanent plug and abandonment

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
43HMBPA	4-1/2 *114.30*	4.153 *105.49*	3.806 *96.67*	9.5 - 15.5 *14.1 - 23.07*	3.562 *90.47*
45HMBPA	5-1/2 *139.70*	5.044 *128.12*	4.670 *118.62*	13 – 23 *19.35 – 34.23*	4.310 *109.47*

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HYDRO-MECH BRIDGE PLUG (HMBP)



LENGTHS & DIAMETERS

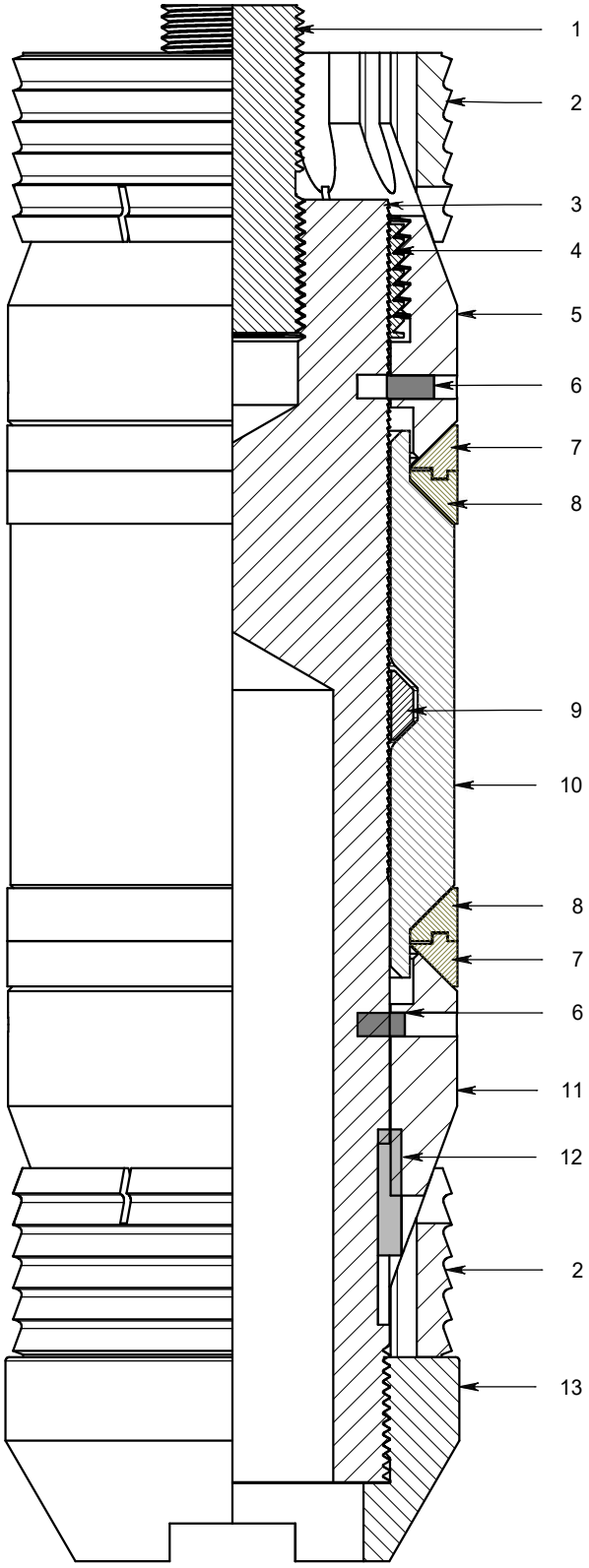
TOOL	A	B	C	D	E	F
43HMBP	12.350	11.972	3.562	3.570	3.520	3.600
45HMBP	13.582	12.885	4.310	4.307	4.250	4.310

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4-1/2 HYDRO - MECHANICAL BRIDGE PLUG

WYOMING COMPLETION TECHNOLOGIES

Part #
43HMBP



43HMBP
PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	TENSION SUB	1	43HMBP16
2	SLIP	2	43HMBP11
3	MANDREL	1	43HMBP01
4	LOCK RING	1	43HMBP04
5	UPPER CONE	1	43HMBP03
6	SHEAR PIN	4	43SP38
7	BACK-UP RING (MALE)	2	43CR06-M
8	BACK-UP RING (FEMALE)	2	43CR06-F
9	ELEMENT RING	1	43CR08
10	ELEMENT	1	43CR07
11	LOWER CONE	1	43HMBP09
12	KEY	1	43MK19
13	BOTTOM CAP	1	43CP05

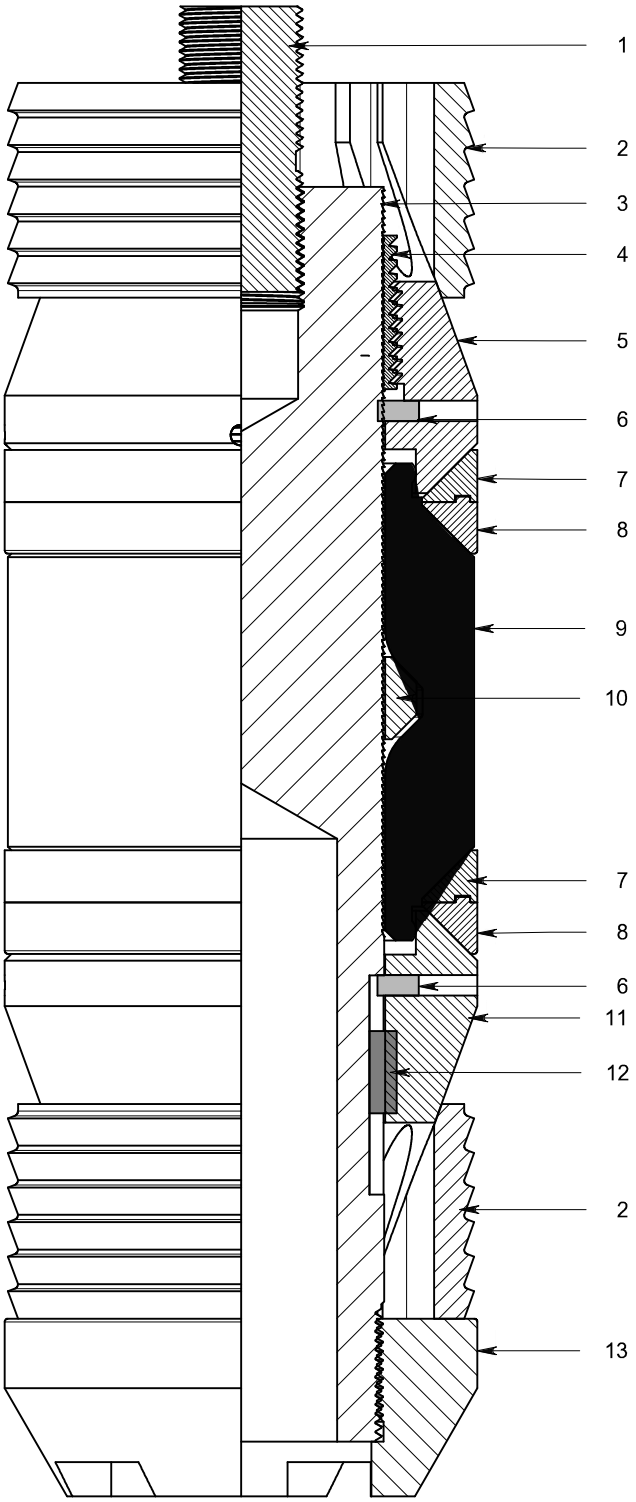
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REV 0 - 09/06/2022

5-1/2" HYDRO-MECH BRIDGE PLUG

WYOMING COMPLETION TECHNOLOGIES

Part #
45HMBP



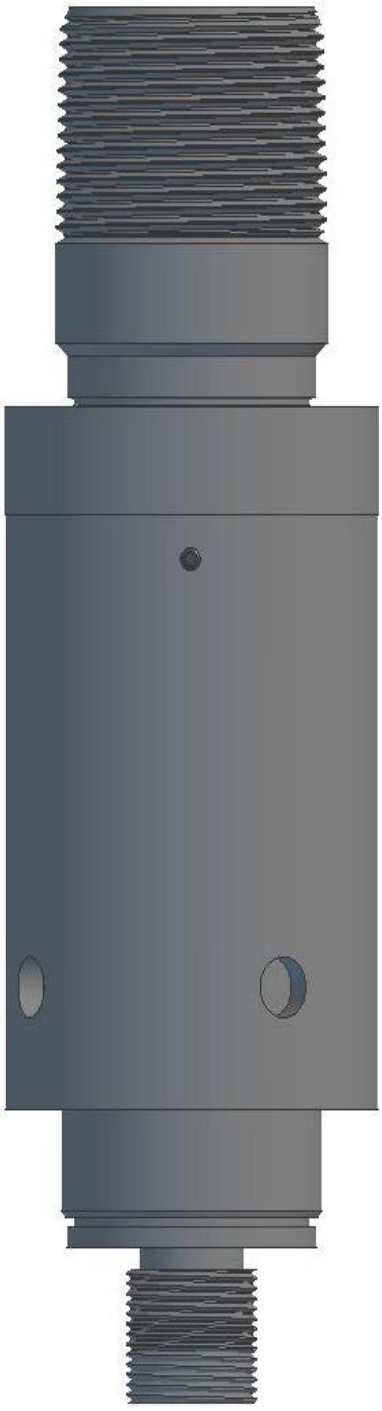
45HMBP
PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	TENSION SUB	1	43HMBP16
2	SLIP	2	45HMBP11
3	MANDREL	1	45HMBP01
4	LOCK RING	1	45CR04
5	UPPER CONE	1	45HMBP03
6	SHEAR PIN	3	43SP38
7	BACK-UP RING (FEMALE)	2	45CR06-F
8	BACK-UP RING (MALE)	2	45CR06-M
9	ELEMENT	1	45CR07
10	ELEMENT RING	1	45CR08
11	LOWER CONE	1	45HMBP09
12	KEY	1	47MK75
13	BOTTOM CAP	1	45CP05

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REV 0 - 09/07/2022

HYDRO-MECH SETTING TOOL (HMST)



DESCRIPTION

The Wyoming Completion Technologies (WCT) Hydro-Mech Setting Tool (HMST) is hydraulically activated and mechanically set. The HMST is specifically designed to be used with the WCT HM Bridge Plug. The HM Bridge Plug and Setting Tool can be purchased as a set or individually, eliminating the need for a new setting tool each time.

FEATURES/BENEFITS

- Cost-effective & dependable
- HM Setting Tool eliminates need for special tools and/or equipment
- Compact length
- Right-hand rotation releases setting tool
- Tubing open to annulus after setting to circulate or facilitate dry trip
- Reusable

APPLICATIONS

- Zone Isolation
- Squeeze cementing
- Fracturing
- Temporary or permanent plug and abandonment

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
43HMSTA	4-1/2 *114.30*	4.153 *105.49*	3.806 *96.67*	9.5 - 15.5 *14.1 - 23.07*	3.562 *90.48*
45HMSTA	5-1/2 *139.70*	5.044 *128.12*	4.670 *118.62*	13 – 23 *19.35 – 34.23*	4.310 *109.47*

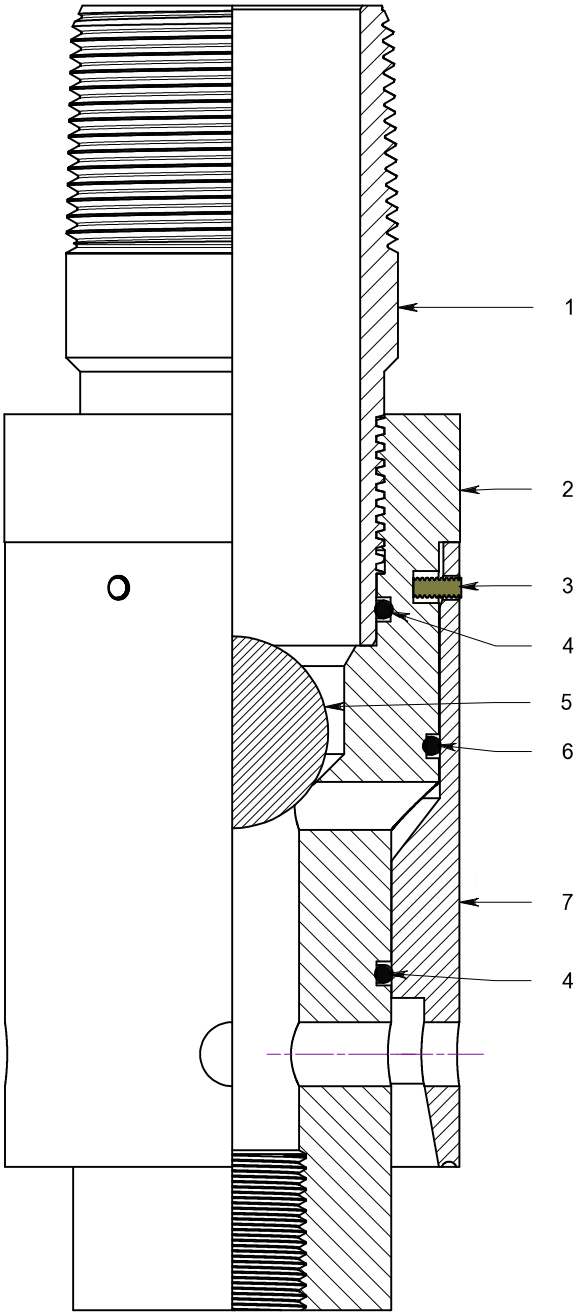
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REV 0 – 06/02/2022

4-1/2" HYDRO-MECH SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #
43HMST



43HMST
PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SUB	1	43HMST28
2	PISTON	1	43HMST29
3	BRASS SET SCREW	3	10-32 x 3/8 B
4	O-RING	2	228-90D Nitrile
5	BALL	1	23HST08
6	O-RING	1	234-90D Nitrile
7	SETTING SLEEVE	1	43HMST20

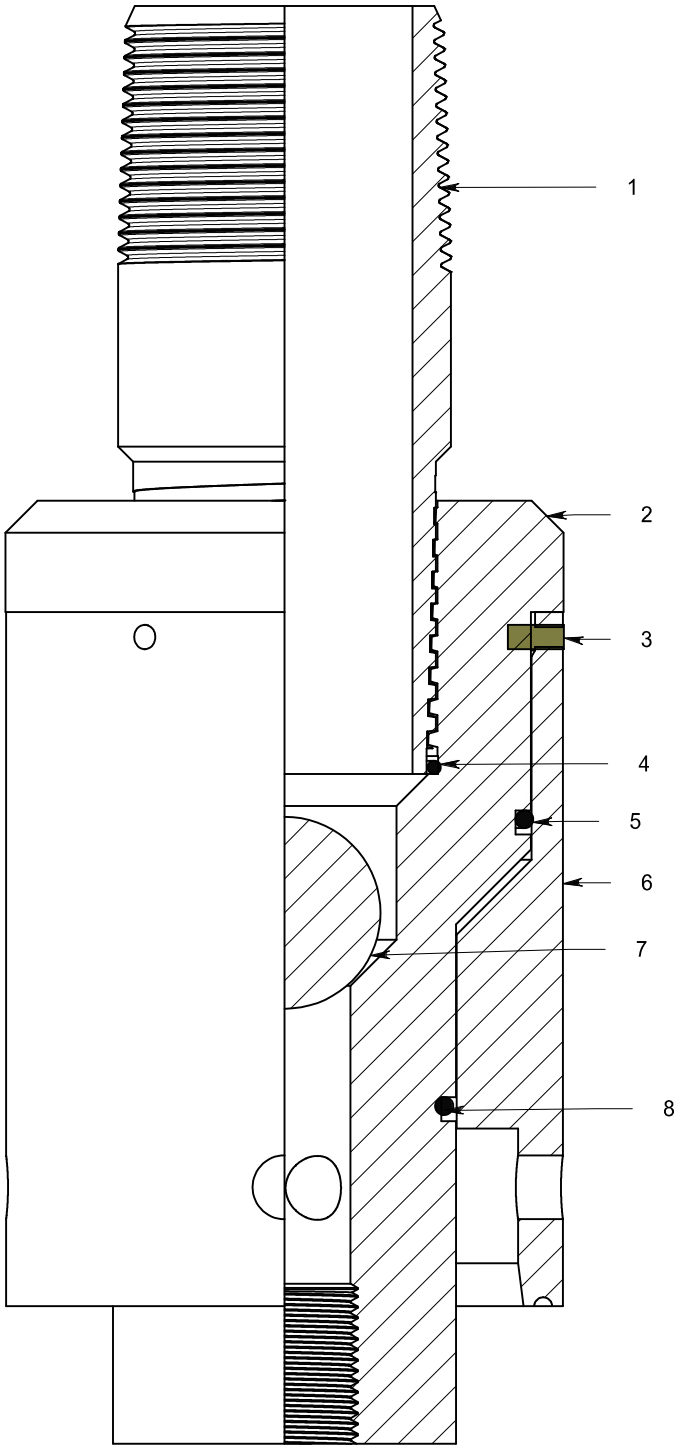
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WEIGHT	
DATE	REV.
01/18/2023	1

5 1/2" HYDRO-MECHANICAL SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #
45HMST



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	2-3/8" SUB	1	45HMST28
2	PISTON	1	45HMST29
3	BRASS SHEAR SCREW	3	10-32 x 7/16 B
4	O-RING	1	140-90D Nitrile
5	O-RING	1	239-90D Nitrile
6	SETTING SLEEVE	1	45HMST20
7	BALL	1	45HMST30
8	O-RING	1	229-90D Nitrile

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REV 0 - 09/06/2022

HYDRO-MECH (HM) BRIDGE PLUG & SETTING TOOL COMBO



DESCRIPTION

The Wyoming Completion Technologies Hydro-Mech (HM) Bridge Plug and Setting Tool have been specifically designed to work together. The HM combo is hydraulically activated and mechanically set. The setting tool is retrievable and reusable therefore providing lower drill-out times and cost. It is highly efficient and designed especially for high-pressure situations and easy drill-out.

FEATURES/BENEFITS

- Cost effective & dependable
- Nitrile elastomer element system
- HM Setting Tool eliminates need for other special tools and/or equipment
- Compact length
- Right-hand rotation releases setting tool
- Tubing open to annulus after setting to circulate or facilitate dry trip
- One-piece slips
- Quick and easy drill-up
- These two tools can be purchased together or separately, eliminating the need for a new setting tool each time.

APPLICATIONS

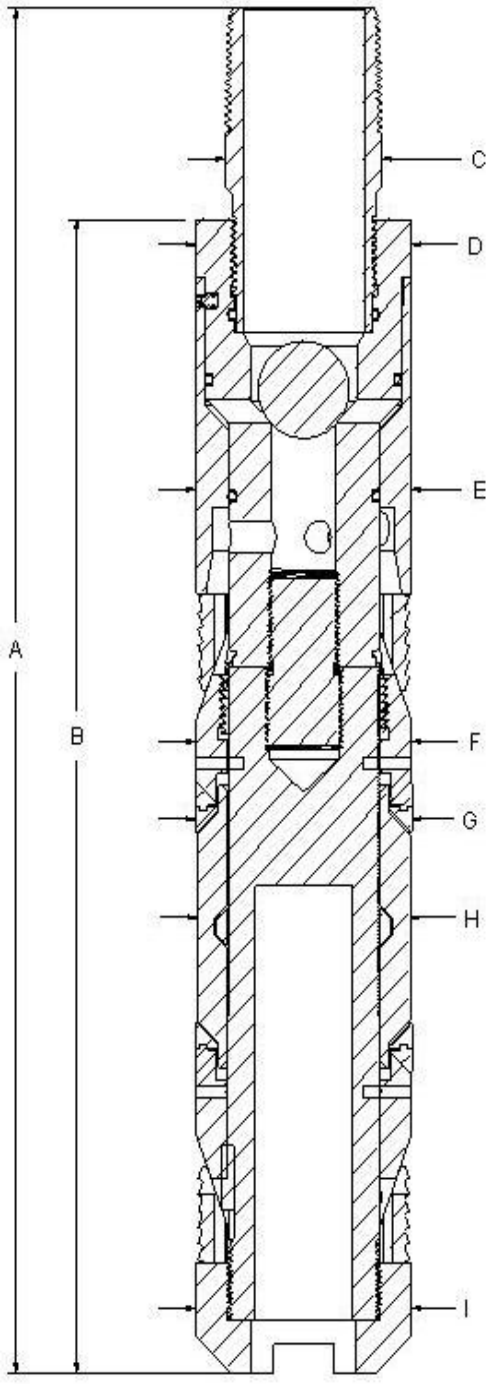
- Zone isolation
- Squeeze cementing
- Fracturing
- Temporary or permanent plug and abandonment

TECHNICAL DATA

PRODUCT #	CASING				TOOL/ COMBO
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
43HMA	4-1/2 114.30	4.153 105.486	3.806 96.672	9.5 - 15.5 14.1 - 23.07	3.562 90.475
45HMA	5-1/2 139.70	5.044 128.12	4.670 118.62	13 – 23 19.35 – 34.23	4.310 109.47

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HYDRO-MECH (HM) BRIDGE PLUG & SETTING TOOL COMBO



LENGTHS & DIAMETERS

TOOL	A	B	C	D	E	F	G	H	I
43HMA	21.03	17.78	2.59	3.56	3.55	3.56	3.55	3.56	3.57
45HMA	22.97	19.11	2.60	4.36	4.35	4.31	4.31	4.25	4.31

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CEMENT RETAINER - 10K

SIZES 2-3/8” – 7-5/8”



NOTE:
*** - Uses a spring loaded poppet valve. All other cement retainers listed are equipped with sliding valves.**

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Cement Retainer is a dependable tubing or wire-line set drillable retainer. One-piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

- Simple surface control valve
- Allows pressure testing before squeeze
- Valve automatically closes when the stinger is removed, locking in the squeeze pressure
- Valve protects sensitive zones in low fluid wells
- Simple conversion to bridge plug
- Mechanical or wire-line set
- Easily drilled

TECHNICAL DATA

PRODUCT # M= Mechanical W= Wire-line	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	lb/Ft *Kg/m*	Inches *mm*
***23CRAA-W**	2-3/8 *60.33*	2.041 *51.84*	1.995 *50.67*	4 – 4.7 *5.95 – 6.99*	1.750 *44.45*
***27CRAA-W**	2-7/8 *73.03*	2.441 *62.00*	2.323 *59.00*	6.5 – 7.9 *9.67 – 11.76*	2.225 *56.52*
***35CRAA-W**	3-1/2 *88.90*	3.068 *77.93*	2.922 *74.22*	7.7 – 10.2 *11.46 – 15.18*	2.750 *69.85*
***35CR-A2-W**	3-1/2 *88.90*	2.750 *69.85*		12.95 *19.27*	2.565 *65.15*
40CRAA-M/W	4 *101.60*	3.740 *95.00*	3.257 *84.73*	10.8 – 16.9 *16.07 – 25.15*	3.130 *79.50*
43CRAA-M/W	4-1/2 *114.30*	4.090 *103.89*	3.826 *97.18*	9.5 – 15.1 *14.14 – 22.47*	3.593 *91.26*
44CRAA-M/W	5 *127.00*	4.560 *115.82*	4.276 *108.61*	11.5 -18 *17.11 – 26.79*	3.937 *100.00*
45CRAA-M/W	5-1/2 *139.70*	5.118 *130.00*	4.670 *118.62*	13 – 23 *19.35 – 34.23*	4.312 *109.52*
	5-3/4 *146.05*	5.116 *129.95*	4.795 *121.79*	18.4 - 26.9 *27.38 – 40.03*	4.312 *109.52*
60CRAA-M/W	6 *152.40*	5.352 *135.94*	5.240 *133.10*	20 – 22.8 *29.76 – 33.93*	5.115 *129.92*
46CRAA-M/W	6-5/8 *168.28*	6.135 *155.83*	5.575 *141.61*	17 – 34.5 *25.30 – 51.34*	5.375 *136.53*
47CRAA-M/W	7 *177.80*	6.538 *166.07*	6.004 *152.50*	17 – 35 *25.30 – 52.09*	5.690 *144.53*
47CRAA-B-M/W	7 *177.80*	6.800 *172.72*	6.330 *160.78*	17 – 24 *25.30 – 35.72*	6.000 *152.40*
	7-5/8 *193.68*			33.7 – 47.1 *50.15 – 70.09*	
48CRAA-M/W	7-5/8 *193.68*	7.125 *180.98*	6.625 *168.28*	20 – 39 *29.76 – 58.04*	6.312 *160.32*

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CEMENT RETAINER - 10K

SIZES 8-5/8” – 20”



20” WIRELINE CEMENT RETAINER

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Cement Retainer is a dependable tubing or wire-line set drillable retainer. One-piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

- Simple surface control valve
- Allows pressure testing before squeeze
- Valve automatically closes when the stinger is removed, locking in the squeeze pressure
- Valve protects sensitive zones in low fluid wells
- Simple conversion to bridge plug
- Mechanical or wire-line set
- Easily drilled

TECHNICAL DATA

PRODUCT # M= Mechanical W= Wire-line	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
49CRAA-M/W	8-5/8 *219.08*	8.097 *205.66*	7.125 *180.98*	24 – 49 *35.72 – 72.92*	7.125 *180.98*
51CRAA-M/W	9-5/8 *244.48*	9.063 *230.20*	8.375 *212.73*	29.3 – 61.1 *43.60 – 90.93*	8.125 *206.38*
53CRAA-A1-M/W	10-3/4 *273.05*	9.979 *253.47*	9.112 *231.44*	51 - 79.2 *75.89 - 117.86*	9.030 *229.36*
53CRAA-M/W		10.192 258.88	9.660 *245.36*	32.75 – 60.7 *48.74 – 90.33*	9.440 *239.78*
54CRAA-A1-M/W	11-3/4 *298.45*	10.772 273.61	10.368 263.35	60 – 83 89.29 – 123.52	9.940 252.48
54CRAA-M/W		11.150 *283.21*	10.772 *273.61*	38 – 60 *56.55 – 89.29*	10.440 *265.18*
55CRAA-M/W	13-3/8 *339.73*	12.715 *322.96*	12.347 *313.61*	48 – 72 *71.43 – 107.15*	12.000 *304.80*
57CRAA-M/W	16 *406.40*	15.250 *387.35*	14.438 *366.73*	65 – 128 *96.73 – 190.49*	14.125 *358.78*
58CRAA-M/W	18-5/8 *473.08*	18.000 *457.20*	17.480 *443.99*	87.5 *130.21*	17.125 *434.98*
59CRAA-M/W	20 *508.00*	19.124 *485.75*	18.730 *475.74*	94 - 133 *139.89 - 197.93*	18.375 *466.73*

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REV 4 – 04/18/2023

CEMENT RETAINER - 5K



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES 5K Cement Retainer is a dependable tubing or wire-line set drillable retainer. One piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

- Simple surface control valve
- Allows pressure testing before squeeze
- Valve automatically closes when the stinger is removed, locking in the squeeze pressure
- Valve protects sensitive zones in low fluid wells
- Simple conversion to bridge plug
- Mechanical or wire-line set
- Easily drilled

TECHNICAL DATA

PRODUCT # M/W	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
43CRAA-M/W-5K	4-1/2 114.3	4.09 103.88	3.82 97.18	9.5 – 15.1 14.1 – 22.5	3.61 91.7
45CRAA-M/W-5K	5-1/2 139.7	5.04 128.11	4.67 118.61	13 23 19.5 – 34.2	4.31 109.5

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CEMENT RETAINER – FLAPPER VALVE



43CRFV-M SHOWN

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Flapper Valve Style Cement Retainer is a dependable tubing set drillable retainer. One piece heat-treated slips provide secure setting. The Flap Valve prevents back flow of well fluids in the event of failure or damage of tubing string or surface equipment.

FEATURES/BENEFITS

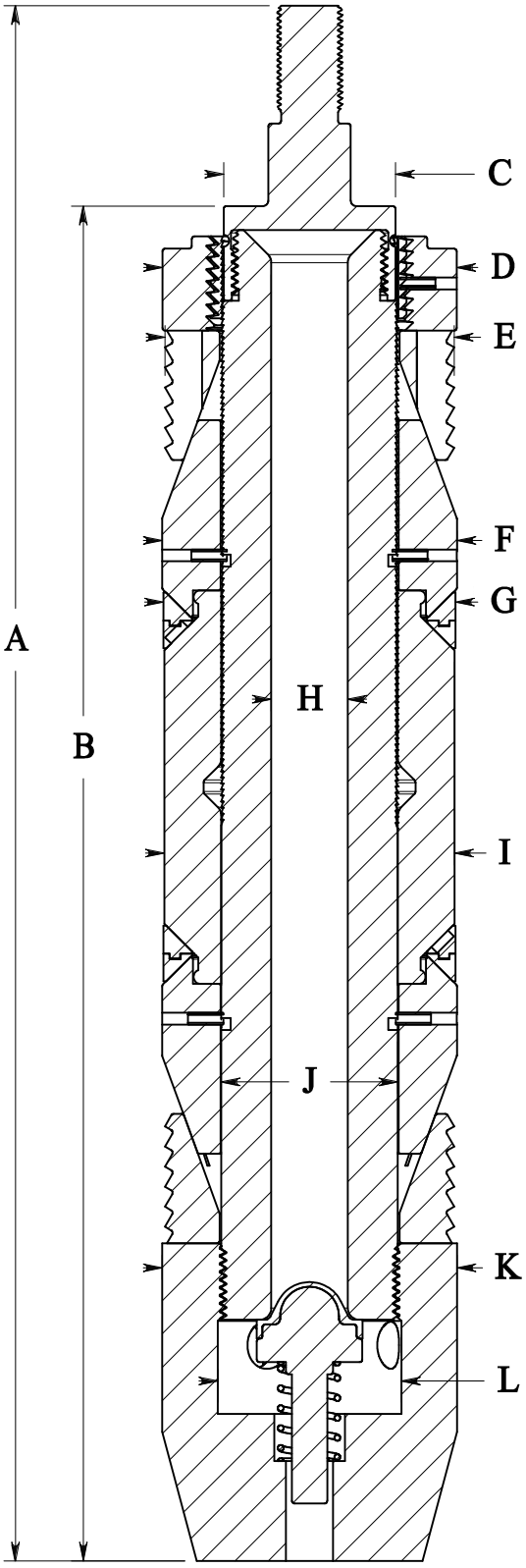
- Simple surface control valve
- Allows annulus only test.
- Mechanical set
- Easily drilled
- Path through the flapper cartridge does not restrict the pass of balls or darts

TECHNICAL DATA

PRODUCT # M= Mechanical	CASING				TOOL	STINGER	STINGER
	OD	ID MAX.	ID MIN.	Weight	OD	PART #	ID
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm		Inches mm
43CRFV-M	4-1/2 114.30	4.090 103.89	3.820 97.03	9.5 – 15.1 14.14 – 22.47	3.61 91.69	23SSA	.75 19.05
45CRFV-M	5-1/2 139.70	5.044 128.12	4.670 118.62	13 – 23 19.35 – 34.23	4.31 109.47	23SSA	.75 19.05
47CRFV-M	7 177.80	6.530 165.86	6.00 152.40	17 – 35 25.30 – 52.09	5.69 144.53	27SSA	1.12 28.45
49CRFV-M	8-5/8 219.08	8.090 205.49	7.430 188.72	24 - 52 35.72 - 77.38	7.12 180.85	27SSA	1.12 28.45
51CRFV-M	9-5/8 244.48	9.060 230.12	8.370 212.60	29.3 - 61.1 43.60 - 90.93	8.12 206.25	27SSA	1.12 28.45
53CRFV-M	10-3/4 273.05	10.192 258.88	9.660 245.36	32.7 - 60.7 48.66 - 90.33	9.44 239.78	27SSA	1.12 28.45
54CRFV-M	11-3/4 298.45	11.150 283.21	10.772 273.61	38 - 60 56.55 - 89.29	10.43 264.92	27SSA	1.12 28.45
55CRFV-M	13-3/8 339.73	12.715 322.96	12.191 309.65	48 - 72 71.43 - 107.15	12.00 304.80	27SSA	1.12 28.45

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CEMENT RETAINER



2-3/8" - 4.0" CEMENT RETAINERS LENGTH & DIAMETER

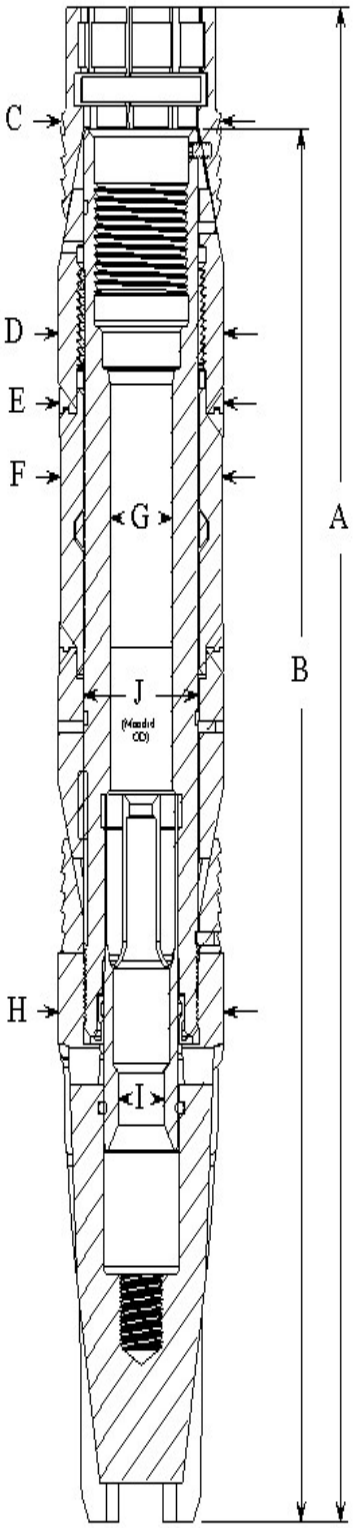
TECHNICAL DATA

PART #	SIZE	MEASUREMENT											
		A	B	C	D	E	F	G	H	I	J	K	L
23CRAA-W	2-3/8 60.33	14.74	12.43	1.42	1.7	1.69	1.75	1.73	.79	1.69	1.09	1.7	1.25
27CRAA-W	2-7/8 73.0	15.52	14.02	1.25	2.23	2.20	2.22	2.18	.82	2.19	1.25	2.22	1.28
35CRAA-W	3-1/2 88.9	16.61	14.36	1.50	2.75	2.69	2.75	2.69	.81	2.70	1.49	2.75	1.53
35CR-A2-W	3-1/2 88.9	16.61	14.36	1.50	2.57	2.53	2.57	2.55	.81	2.55	1.49	2.57	1.53
40CRAA-W	4.0 101.6	16.50	14.38	1.83	3.13	3.07	3.13	3.10	.82	3.08	1.88	3.13	1.95

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CEMENT RETAINER

4-1/2" - 20" CEMENT RETAINERS
LENGTH & DIAMETERS



TECHNICAL DATA

PRODUCT # Mechanical=M Wireline=W	SIZE Inches/ *mm*	MEASURMENT									
		A M/W	B	C	D	E	F	G	H	I	J
43CRAA-M/W	4-1/2 *114.30*	22.93/ 21.61	21.15	3.49	3.61	3.57	3.52	1.35	3.59	1.00	2.495
44CRAA-M/W	5.0 *127.00*	22.93/ 21.61	21.15	3.88	3.93	3.89	3.90	1.35	3.86	1.00	2.495
45CRAA-M/W	5-1/2 *139.70*	22.29/ 20.94	20.50	4.30	4.31	4.31	4.25	1.35	4.31	1.00	2.615
45CRAA-4.5-M/W	5-3/4 *146.05*	22.29/ 20.94	20.50	4.30	4.50	4.50	4.43	1.35	4.50	1.00	2.615
60CRAA-M/W	6.0 *152.40*	24.28/ 22.93	22.82	5.12	5.12	5.12	5.12	2.02	5.12	1.51	3.745
46CRAA-M/W	6-5/8 *168.28*	24.65/ 23.57	22.82	5.31	5.38	5.34	5.25	2.02	5.38	1.51	3.745
47CRAA-M/W	7.0 *177.80*	24.54/ 23.15	22.82	5.63	5.69	5.64	5.62	2.02	5.69	1.51	3.745
47CRAA-B-M/W	7.0 *177.80*	24.54/ 23.15	22.82	5.93	6.00	5.95	5.93	2.02	6.00	1.51	3.745
48CRAA-M/W	7-5/8 *193.68*	25.50/ 23.22	22.70	6.25	6.31	6.26	6.26	2.02	6.32	1.51	4.370
49CRAA-M/W	8-5/8 *219.08*	26.55/ 24.24	22.87	7.07	7.13	7.11	7.13	2.02	7.13	1.51	3.745
51CRAA-M/W	9-5/8 *244.48*	26.11/ 23.94	22.85	8.07	8.13	8.12	8.12	2.02	8.13	1.51	4.365
53CRAA-M/W	10-3/4 *273.05*	26.48/ 24.23	22.79	9.38	9.44	9.44	9.42	2.02	9.44	1.51	4.365
53CRAA-M/W-A1	10-3/4 *273.05*	26.48/ 24.23	22.79	9.00	9.03	9.03	9.00	2.02	9.029	1.51	4.365
54CRAA-M/W	11-3/4 *298.45*	25.84/ 24.02	22.85	10.37	11.99	10.43	11.92	2.02	10.43	1.51	4.365
55CRAA-M/W	13-3/8 *339.73*	26.44/ 24.26	22.87	11.96	11.99	12.00	11.92	2.02	11.99	1.51	4.365
57CRAA-M/W	16.0 *406.40*	29.56/ 27.52	25.95	14.09	14.12	14.11	14.09	2.02	14.12	1.51	4.50
58CRAA-M/W	18-5/8 *473.08*	29.43/ 27.33	25.88	16.77	16.80	16.79	16.77	2.02	16.80	1.51	4.50
59CRAA-M/W	20.0 *508.00*	29.58/ 27.59	25.88	18.07	18.10	18.09	18.07	2.02	18.10	1.51	4.50

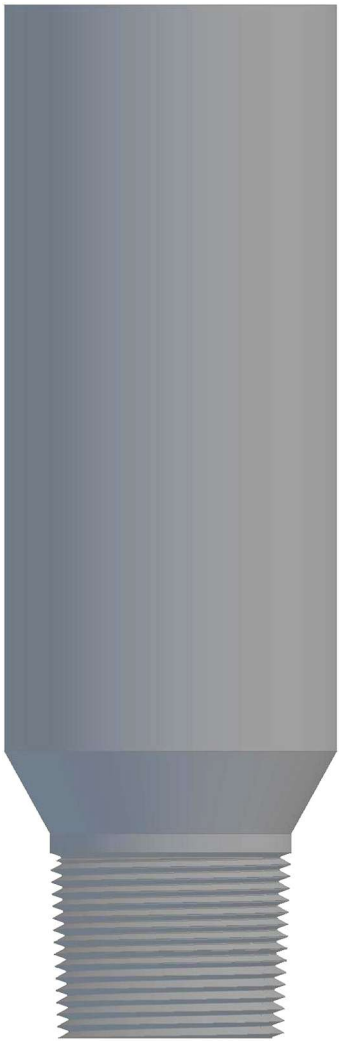
NOTE:

On Smaller Sizes (43-47)
J (Inner Mandrel OD)
H (Guide OD)

On Larger Sizes (49-59)
J (Inner Mandrel OD)
H (Outer Mandrel OD)

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TAILPIPE ADAPTER - CEMENT RETAINER



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Tailpipe Adapter assists in cementing operations. The adapter attaches to the cement retainer which provides the threading for tubing to be attached. By adding tubing cementing operations can be extended downhole.

FEATURES/BENEFITS

- Redirects cement to the bottom of attached tubing allowing full coverage during the squeeze.
- Drillable
- Cost effective, eliminates need for more costly and complicated tools.

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX	ID MIN	WEIGHT	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
43TPA	4-1/2 *114.3*	4.090 *103.89*	3.826 *97.18*	9.5 - 15.1 *14.14 - 22.47*	3.61 *91.694*
47TPA	7.0 *177.80*	6.538 *166.07*	6.004 *152.50*	17 – 35 *25.30 – 51.34*	5.687 *144.45*

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RETAINER WIRELINE ADAPTER



RWA with Cement Retainer

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Retainer Wireline Adapter Kit is used to couple an electric line or hydraulic setting tool assembly to a cement retainer or Type-A cast iron bridge plug. The kit provides a setting sleeve, adjuster sub, tension mandrel, and drive pin.

FEATURES/BENEFITS

- Compatible with standard wireline pressure setting tools or many hydraulic setting tools.

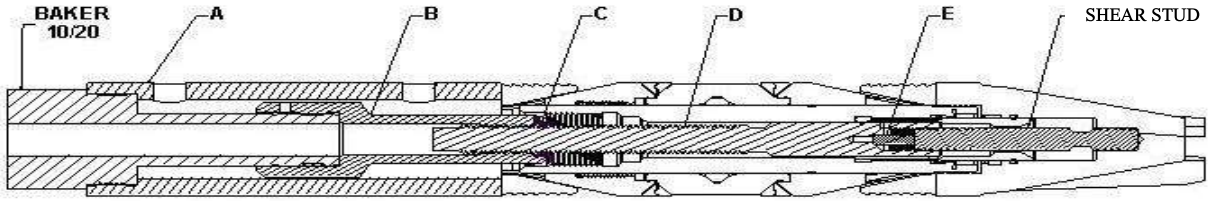
TECHNICAL DATA

PRODUCT #	TOOL DIMENSIONS		
	O.D	I.D.	LENGTH
	Inch/*mm*	Inch/*mm*	Inch/*mm*
23RWA	1.74 *44.20*	1.54 *39.12*	5.50 *139.70*
27RWA	2.23 *56.64*	1.75 *44.45*	7.00 *177.80*
35RWA	2.75 *69.85*	2.25 *57.15*	7.00 *177.80*
35RWA-A2	*2.58* *65.53*	*2.28* *57.91*	*7.00* *177.80*
40RWA	3.13 *79.50*	2.50 *63.50*	7.00 *177.80*
40RWA-10	3.13 *79.50*	2.50 *63.50*	4.25 *107.95*
43RWA	3.5 *88.90*	2.87 *72.90*	12-7/8 *327.03*
45RWA	4.31 *109.47*	3-1/4 *82.55*	12-1/2 *317.50*
60RWA	5.12 *130.05*	4.67 *118.62*	10-1/2 *266.70*
47RWA	5.37 *136.40*	4.67 *118.62*	10-1/2 *266.70*
48RWA	6.31 *160.27*	5.51 *139.95*	10-1/2 *266.70*
49RWA	7.00 *177.80*	6.38 *162.05*	10-1/2 *266.70*
51RWA	7.99 *202.95*	7.0 *177.80*	10-1/2 *266.70*
53RWA-A1	9.00 *228.60*	7.93 *201.42*	9-1/4 *234.95*
53RWA	9.43 *239.52*	8.25 *201.42*	9-1/4 *234.95*
54RWA-A1	9.94 *252.48*	8.76 *222.50*	9-1/4 *234.95*
54RWA	10.43 *264.92*	9.25 *209.55*	9-1/4 *234.95*
55RWA	11.99 *304.55*	10.8 *274.32*	9-1/4 *234.95*

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RETAINER WIRELINE ADAPTER

For Type-A Bridge Plugs and Cement Retainers



PRODUCTS AND PARTS LIST

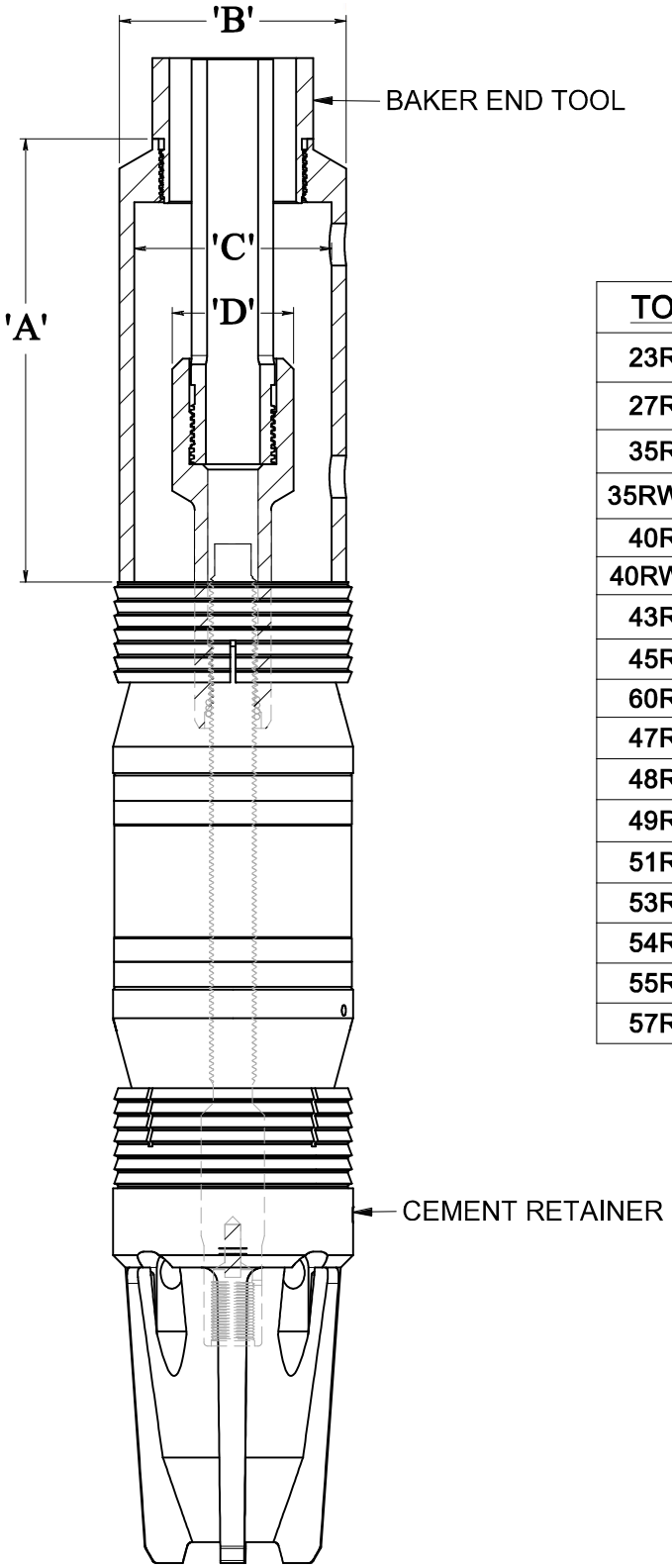
TYPE-A BRIDGE PLUG / CEMENT RETAINER	PRODUCT #	SET TOOL	CASING				PARTS				
			OD	ID MAX.	ID MIN.	Weight	A	B	C	D	E
			Inches *mm*	Inches *mm*	Inches *mm*	lb./Ft *Kg/m*	SLEEVE	TENSION SUB	SAFETY SPRING	TENSION MANDREL	DRIVE PIN
23CPAA/ 23CRAA	**23RWA**	**BAKER 5**	2-3/8 *60.33*	2.074 *52.68*	1.780 *45.21*	4 - 5.8 *5.95 - 8.63*	23RWA01	N/A	N/A	23RWA03	N/A
27CPAA/ 27CRAA	**27RWA**		2-7/8 *73.03*	N/A	N/A	6.4 - 7.8 *9.5 - 11.6*	27RWA01			27RWA03	
35CPAA/ 35CRAA	**35RWA**		3-1/2 *88.90*	3.258 *82.75*	2.867 *72.82*	5.75 - 10.3 *8.6 - 15.3*	35RWA01				
	35RWA-A2		3-1/2 *88.90*	2.75 *69.85*		12.95 *19.27*	35RWA01-A2				
40CPAA/ 40CRAA	**40RWA**		4 *101.60*	3.458 *87.83*	3.257 *84.73*	10.8 - 14.4 *16.07 – 20.83*	40RWA01				
	40RWA-10	**BAKER 10**	4 *101.60*	3.458 *87.83*	3.257 *84.73*	10.8 - 14.4 *16.07 – 20.83*	40RWA01-10		43CP02	27RWA03-10	
43CPAA/ 43CRAA	**43RWA**		4-1/2 *114.30*	4.09 *103.88*	3.82 *97.03*	9.5 - 13.5 *14.1 - 20.1*	43RWA01			43RWA03	DP01
44CPAA/ 44CRAA			5 *127.00*	4.56 *115.82*	4.27 *108.60*	11.5 - 18 *17.1 - 26.8*					
45CPAA/ 45CRAA	**45RWA**	**BAKER 20**	5-1/2 *139.70*	5.04 *128.11*	4.67 *118.60*	13 - 23 *19.5 - 34.2*	45RWA01	45RWA02	45CP02	45RWA03	
60CPAA/ 60CRAA	**60RWA**		6 *152.40*	5.352 *135.94*	5.240 *133.10*	20 – 22.8 *29.70 – 33.93*	60RWA01			47RWA03	
46CPAA/ 46CRAA	**47RWA**		6-5/8 *168.30*	6.13 *409.82*	5.60 *142.20*	17 - 34.5 *25.3 - 50.6*	47RWA01				
47CPAA/ 47CRAA			7 *177.80*	6.53 *166.06*	6.00 *152.40*	17 - 35 *25.3 - 52.1*					
48CPAA/ 48CRAA	**48RWA**		7-5/8 *193.70*	7.25 *180.97*	6.62 *168.14*	20 - 39 *29.8 - 58.0*	48RWA01				
49CPAA/ 49CRAA	**49RWA**		8-5/8 *219.10*	8.09 *205.66*	7.43 *188.72*	24 - 52 *35.7 - 77.4*	49RWA01				
51CPAA/ 51CRAA	**51RWA**		9-5/8 *244.50*	9.06 *230.20*	8.37 *212.59*	29.3 - 61.1 *43.6 - 90.9*	51RWA01				
53CPAA/ 53CRAA	**53RWA**		10-3/4 *273.10*	10.192 *258.87*	9.66 *245.36*	32.7 - 51.0 *48.7 - 75.9*	53RWA01				
54CPAA/ 54CRAA	**54RWA**		11-3/4 *298.45*	11.15 *283.21*	10.772 *273.61*	38 - 65 *56.6 - 96.7*	54RWA01				
55CPAA/ 55CRAA	**55RWA**		13-3/8 *339.73*	12.715 *323.00*	12.191 *309.65*	48 - 72 *71.4 - 107.1*	55RWA01				
57CPAA/ 57CRAA	**57RWA**		16 *406.40*	14.438 *366.73*	15.250 *387.35*	65.0-128.0 *96.73-190.49*	57RWA01				

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CEMENT RETAINER WIRELINE ADAPTER L&D

WYOMING COMPLETION TECHNOLOGIES

Part # L & D
23RWA Thru 57RWA



LENGTHS & DIAMETERS

TOOL	"A"	"B"	"C"	"D"
23RWA	6.75	1.74	1.54	N/A
27RWA	7.0	2.22	1.75	N/A
35RWA	7.0	2.75	2.53	N/A
35RWA-A2	7.0	2.58	2.28	N/A
40RWA	7.0	3.13	2.50	N/A
40RWA-10	14.06	3.13	2.50	N/A
43RWA	12.88	3.5	2.87	N/A
45RWA	12.50	4.31	3.25	2.88
60RWA	10.50	5.12	4.67	2.88
47RWA	10.50	5.37	4.67	2.88
48RWA	10.50	6.31	5.51	2.88
49RWA	10.50	6.995	6.38	2.88
51RWA	10.50	7.99	7.00	2.88
53RWA	9.25	9.43	8.25	2.88
54RWA	9.25	10.43	9.25	2.88
55RWA	9.25	11.99	10.8	2.88
57RWA	9.3	14.12	12.93	2.88

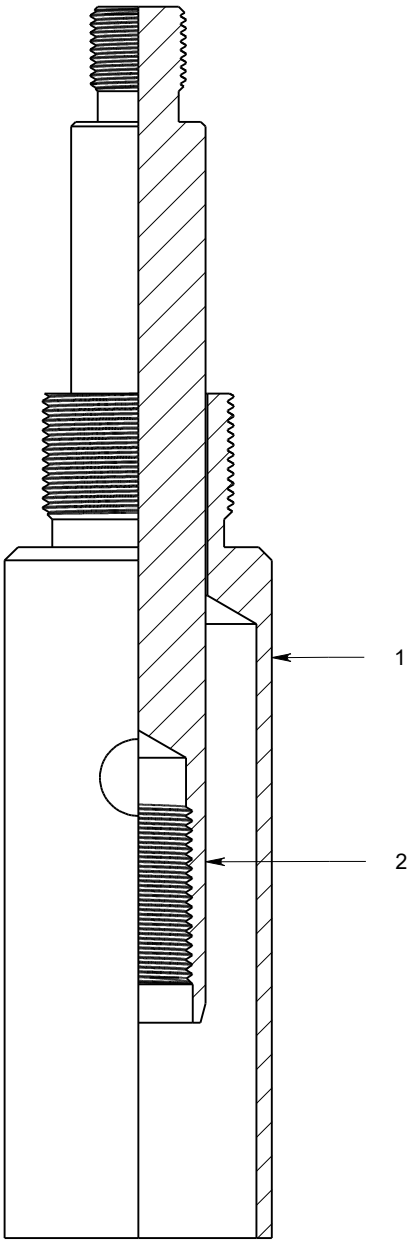
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REV 2 - 04/24/2026

2-3/8" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
23RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	23RWA01
2	TENSION MANDREL	1	23RWA03

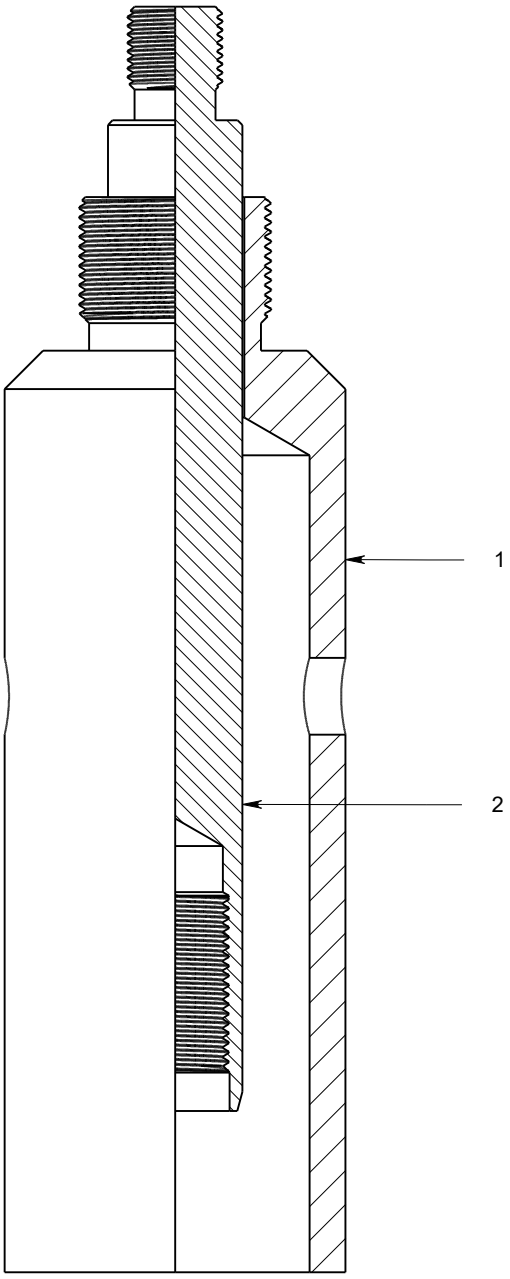
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REV 0 - 06/15/2022

2-7/8" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
27RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	27RWA01
2	TENSION MANDREL	1	27RWA03

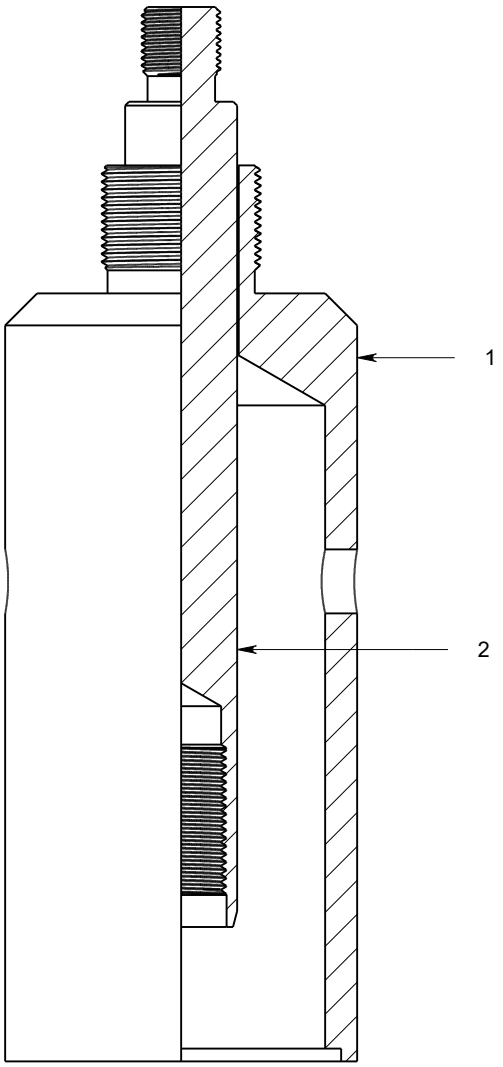
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REV 0 - 06/15/2022

3-1/2" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
35RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	35RWA01
2	TENSION MANDREL	1	27RWA03

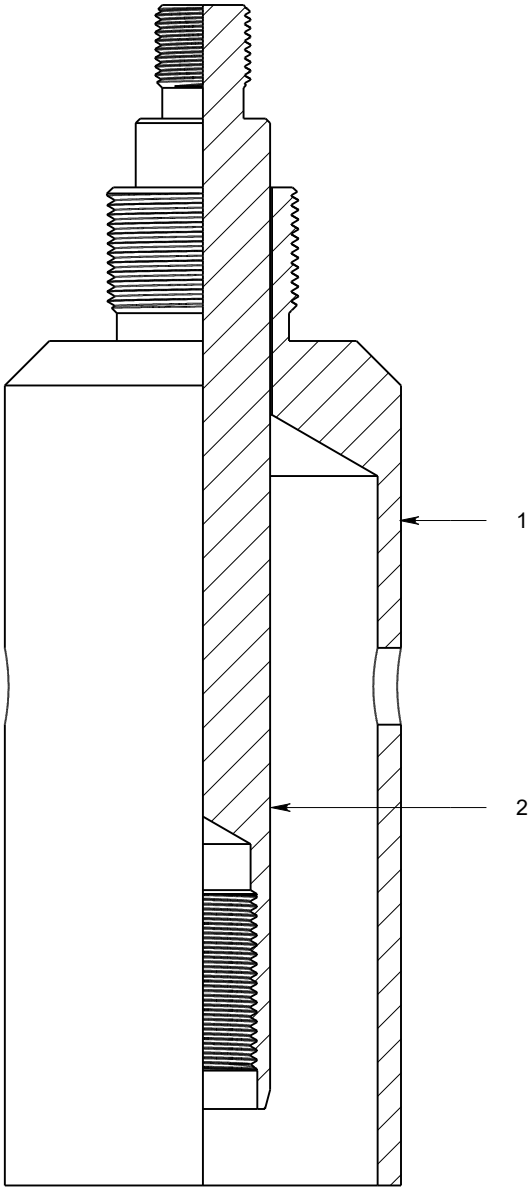
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REV 0 - 06/15/2022

3-1/2" RETAINER WIRELINE ADAPTER - A2

WYOMING COMPLETION TECHNOLOGIES

Part #
35RWA-A2



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	35RWA01-A2
2	TENSION MANDREL	1	27RWA03

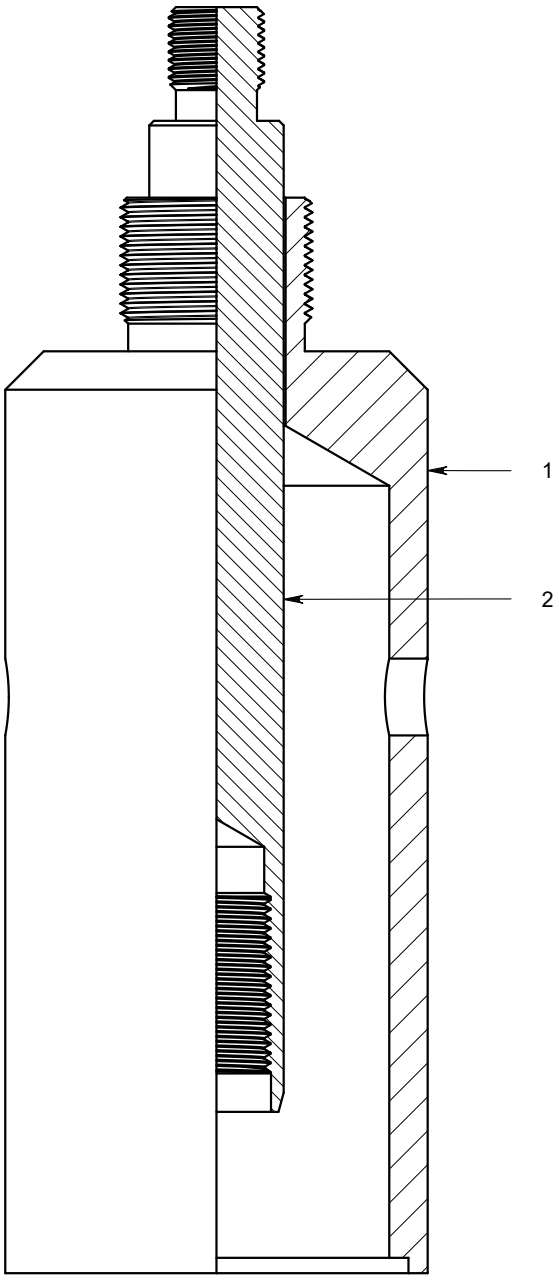
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REV 0 - 06/15/2022

4" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
40RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Number
1	SETTING SLEEVE	1	40RWA01
2	TENSION MANDREL	1	27RWA03

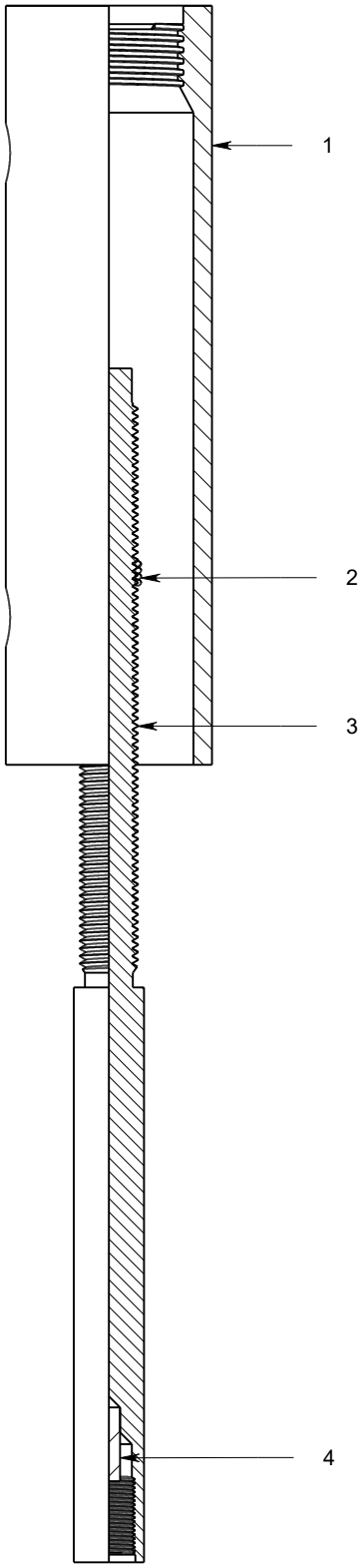
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REV 0 - 04/10/2024

4-1/2" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
43RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	43RWA01
2	SAFETY SPRING	1	43CP02
3	TENSION MANDREL	1	43RWA03
4	DRIVE PIN	1	DP01

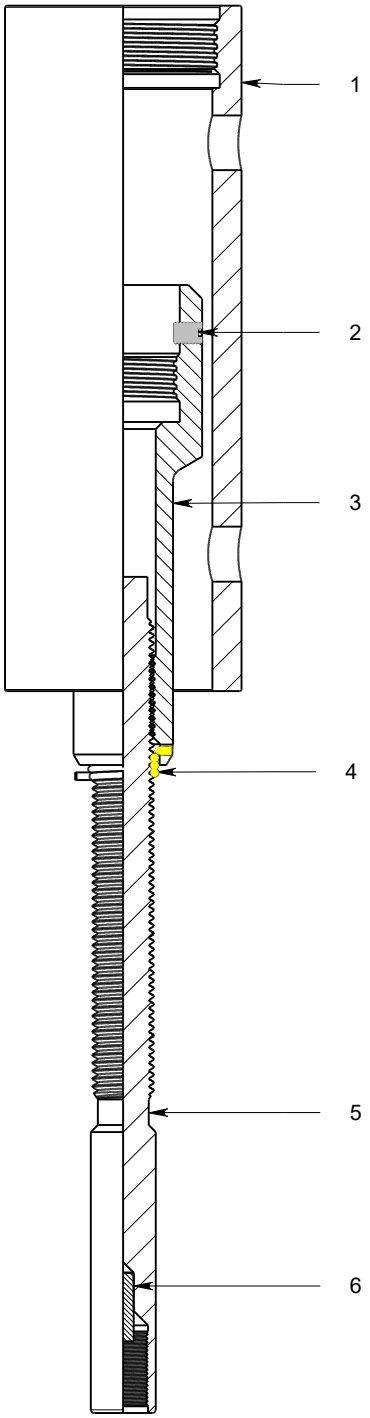
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Website: wyomingcompletions.com

REV 0 - 06/15/2022

5-1/2" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
45RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	45RWA01
2	SET SCREW	1	3/8-16 x 1/2
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	45RWA03
6	DRIVE PIN	1	DP01

* WRAP 3/8-16 x 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING

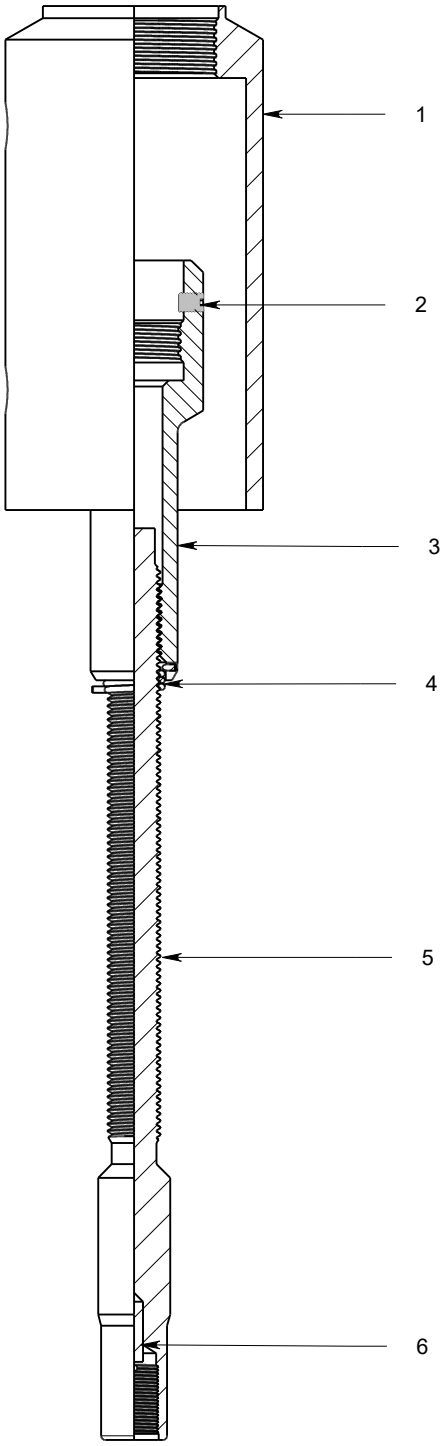
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REV 0 - 06/15/2022

7" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
47RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	47RWA01
2	SET SCREW	1	3/8-16 x 1/2
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

* WRAP 3/8-16 X 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING

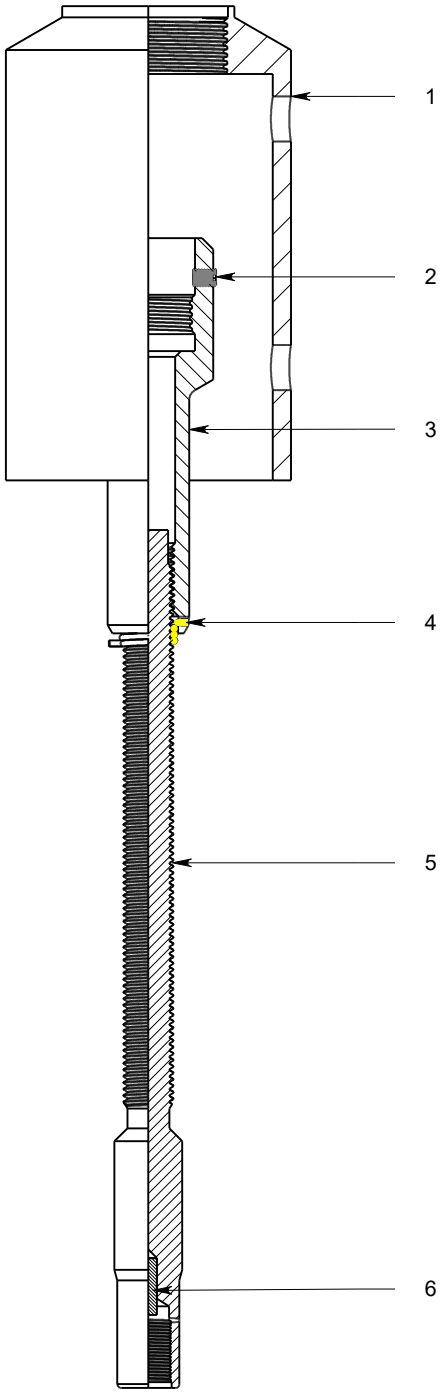
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REV 0 - 06/15/2022

7-5/8" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
48RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	48RWA01
2	SET SCREW	1	3/8-16 x 1/2
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

* WRAP 3/8-16 x 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING

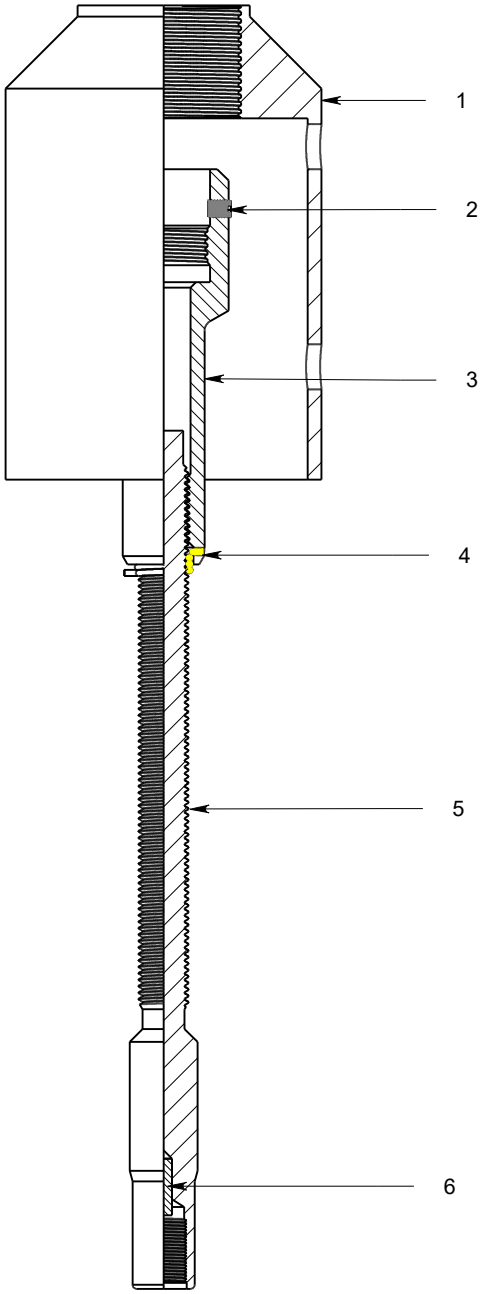
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8-5/8" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
49RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	49RWA01
2	SET SCREW	1	3/8-16 x 1/2
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

* WRAP 3/8-16 x 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING

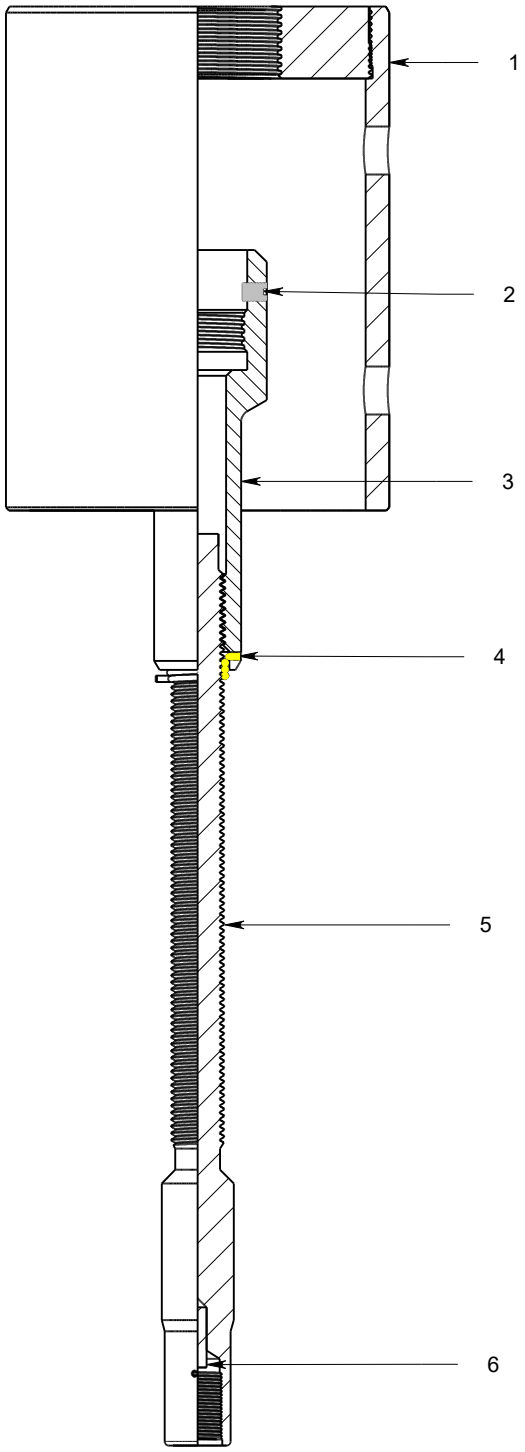
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REV 0 - 06/15/2022

9-5/8" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
51RWA



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SETTING SLEEVE	1	51RWA01
2	SET SCREW	1	3/8-16 x 1/2
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

* WRAP 3/8-16 x 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING

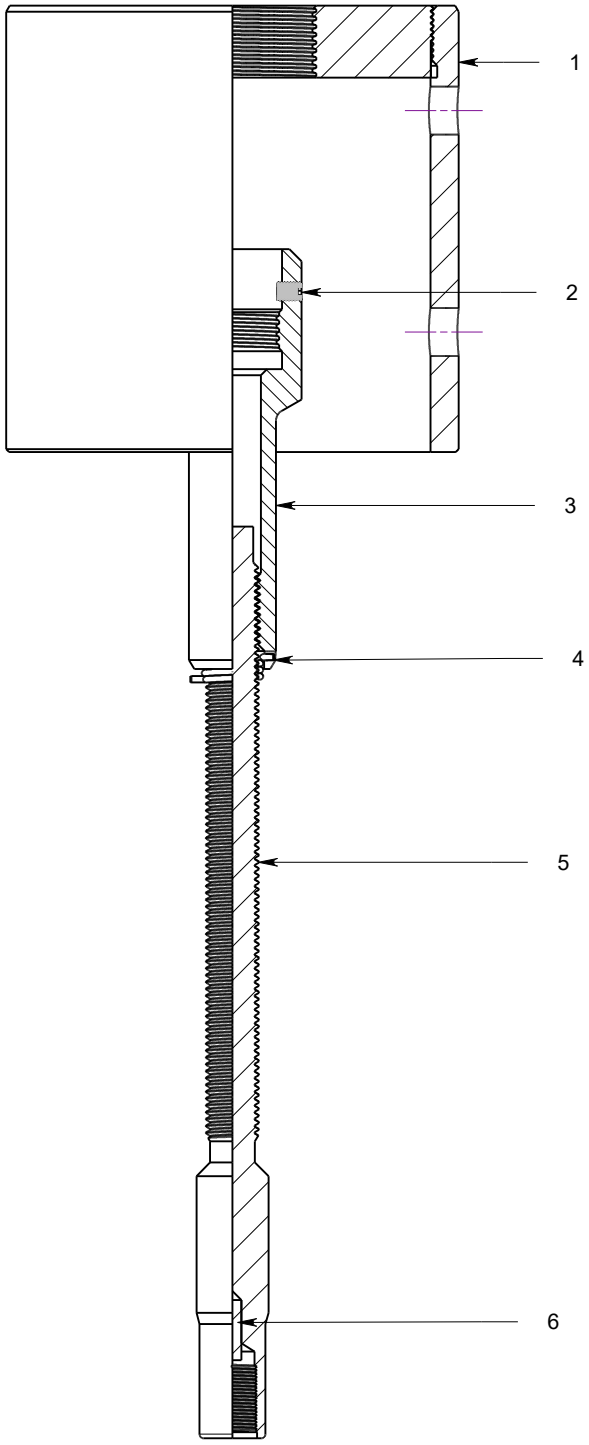
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REWV 0 - 06/15/2022

10-3/4" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
53RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	53RWA01
2	SET SCREW	1	3/8-16 x 1/2
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

* WRAP 3/8-16 x 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING

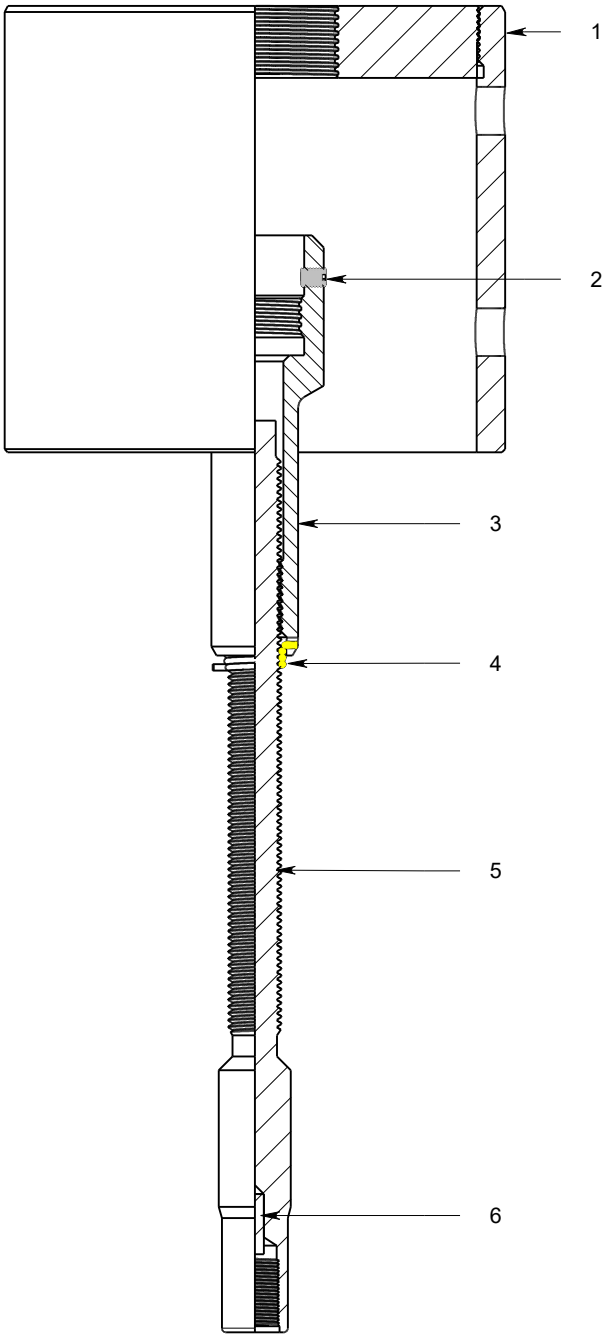
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REV 0 - 06/15/2022

11-3/4" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
54RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	54RWA01
2	SET SCREW	1	3/8-16 x 1/2
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

* WRAP 3/8-16 x 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING

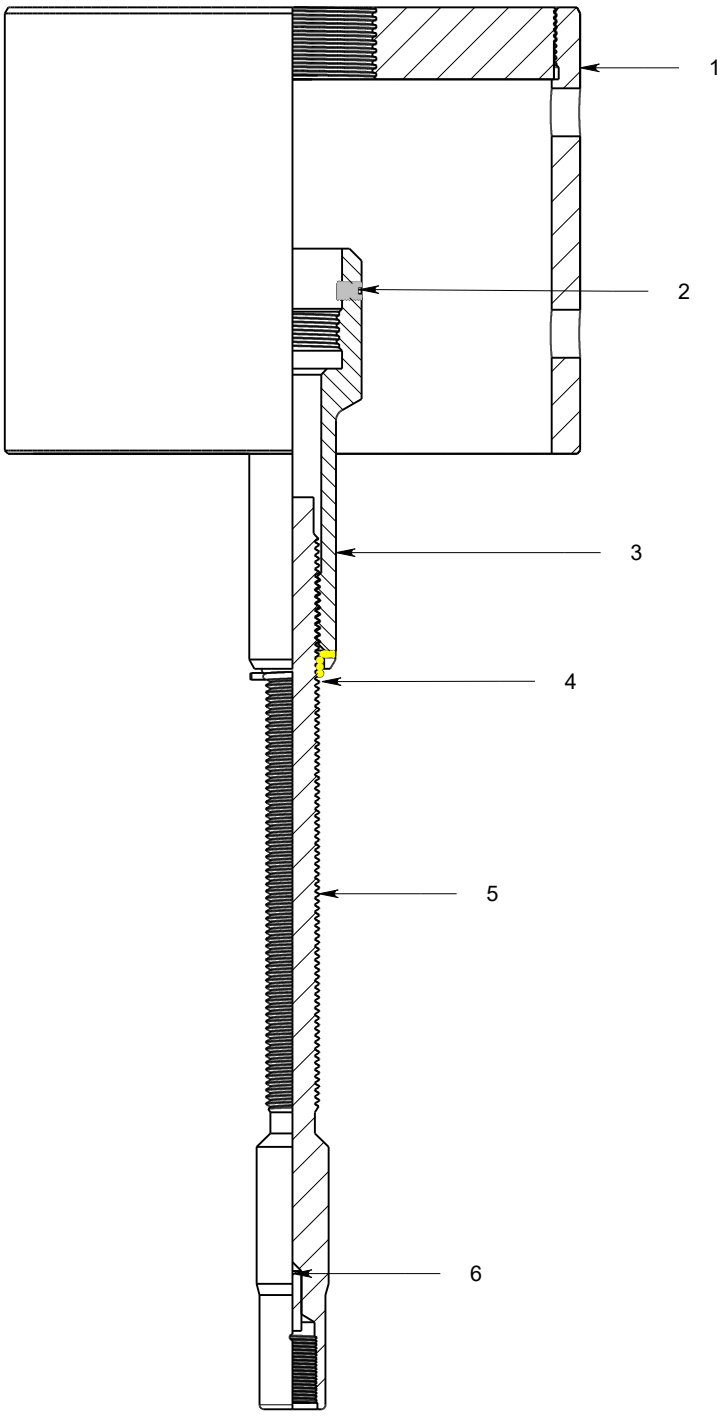
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REV 0 - 06/15/2022

13-3/8" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
55RWA



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SETTING SLEEVE	1	55RWA01
2	SET SCREW	1	3/8-16 x 1/2
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

* WRAP 3/8-16 x 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING

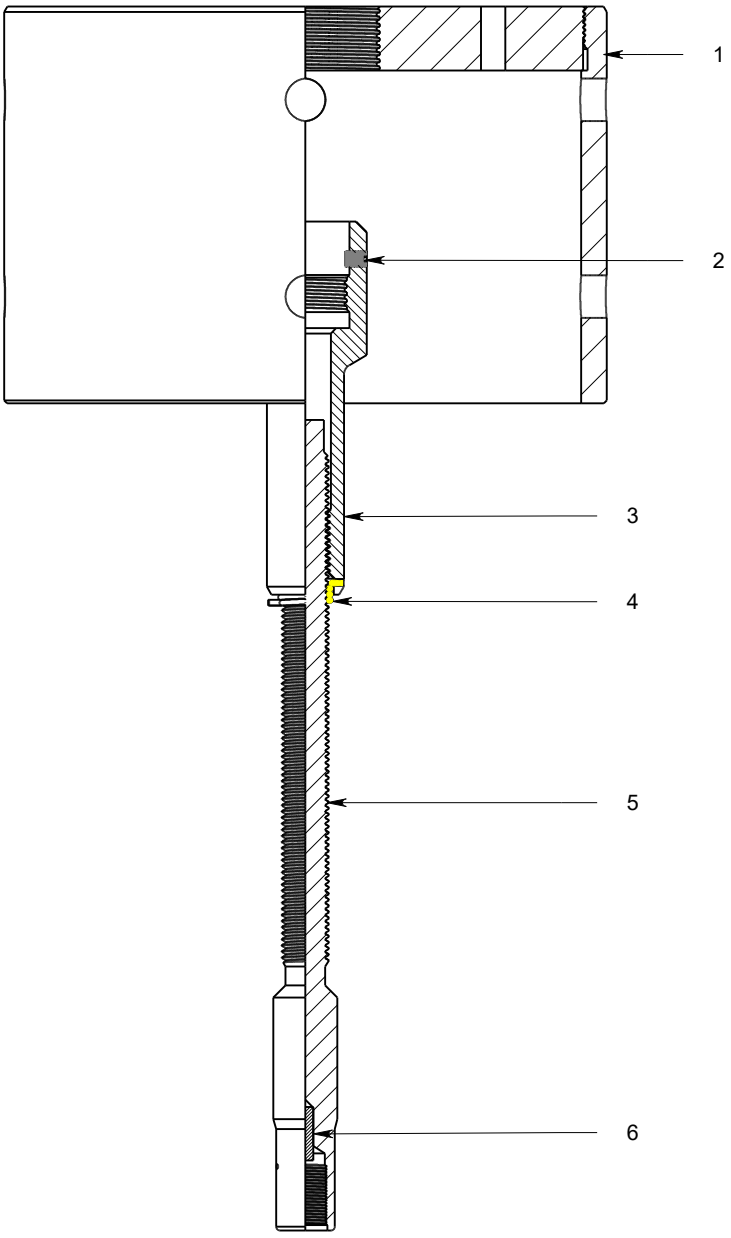
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REV 0 - 06/15/2022

16" RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
57RWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	57RWA01
2	SET SCREW	1	3/8-16 x 1/2
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

* WRAP 3/8-16 x 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING

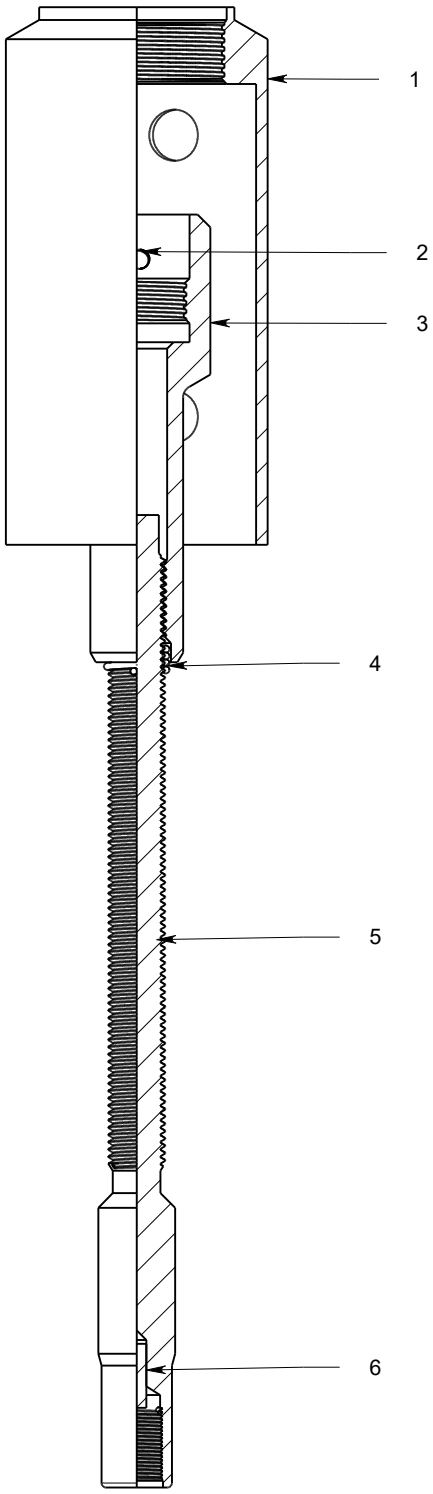
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REV 0 - 06/15/2022

6" CEMENT RETAINER WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
60RWA



PARTS & ASSEMBLY

Item #	Part Number	QTY	Part Name
1	SETTING SLEEVE	1	60RWA01
2	SET SCREW	1	3/8 -16 x 1/2 *
3	TENSION SUB	1	45RWA02
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

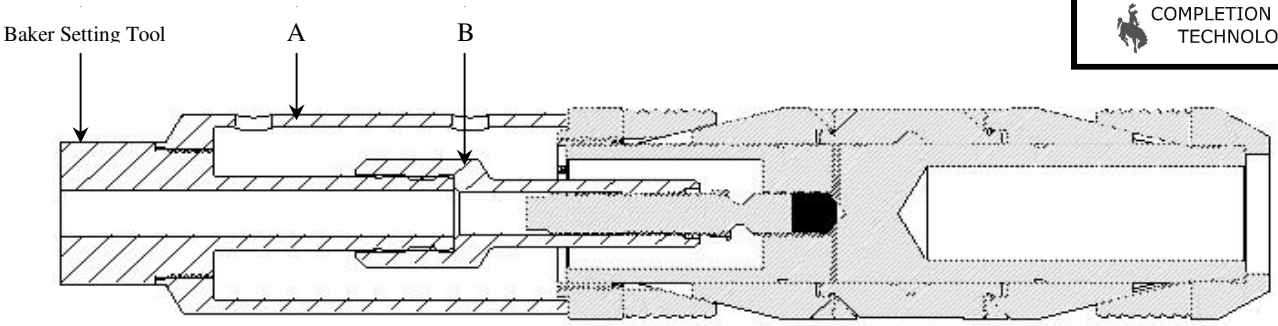
*** WRAP 3/8-16 x 1/2 SET SCREW WITH TEFLON TAPE BEFORE INSERTING**

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0-05/26/2022

WIRELINE ADAPTER KITS (CPAK)

For Type-B Bridge Plugs



PRODUCTS AND PARTS LIST

TYPE-B BRIDGE PLUG	WIRELINE ADAPTER KIT PRODUCT #	SET TOOL	CASING				PARTS	
			OD	ID MAX.	ID MIN.	Weight	A	B
			Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	SLEEVE	TENSION SUB
23CPAA	**23CPAK**	**BAKER 5**	2-3/8 *60.33*	2.074 *52.68*	1.780 *45.21*	4 - 5.8 *5.95 - 8.63*	23RWA01	N/A
27CPAA	**27CPAK**		2-7/8 *73.03*	N/A	N/A	6.4 - 7.8 *9.5 - 11.6*	27RWA01	
35CPAA	**35CPAK**		3-1/2 *88.90*	3.258 *82.75*	2.867 *72.82*	5.75 - 10.3 *8.6 - 15.3*	35RWA01	
35CP-A2	**35CPAK-A2**		3-1/2 *88.90*	2.75 69.85		12.95 *19.27*	35RWA01-A2	
43CPAA	**43CPAK**	**BAKER 10**	4-1/2 *114.30*	4.09 *103.88*	3.82 *97.03*	9.5 - 13.5 *14.1 - 20.1*	43RWA01	
44CPAA	**44CPAK**		5 *127.00*	4.56 *115.82*	4.27 *108.60*	11.5 - 18 *17.1 - 26.8*		
45CPAA	**45CPAK**	**BAKER 20**	5-1/2 *139.70*	5.04 *128.11*	4.67 *118.60*	13 - 23 *19.5 - 34.2*	45RWA01	45RWA02
46CPAA	**47CPAK**		6-5/8 *168.30*	6.13 *409.82*	5.60 *142.20*	17 - 34.5 *25.3 - 50.6*	47RWA01	
47CPAA			7 *177.80*	6.53 *166.06*	6.00 *152.40*	17 - 35 *25.3 - 52.1*		
48CPAA	**48CPAK**		7-5/8 *193.70*	7.25 *180.97*	6.62 *168.14*	20 - 39 *29.8 - 58.0*	48RWA01	
49CPAA	**49CPAK**		8-5/8 *219.10*	8.09 *205.66*	7.43 *188.72*	24 - 52 *35.7 - 77.4*	49RWA01	
51CPAA	**51CPAK**		9-5/8 *244.50*	9.06 *230.20*	8.37 *212.59*	29.3 - 61.1 *43.6 - 90.9*	51RWA01 51RWA05	
53CPAA	**53CPAK**		10-3/4 *273.10*	10.192 *258.87*	9.66 *245.36*	32.7 - 51.0 *48.7 - 75.9*	53RWA01 53RWA05	
54CPAA	**54CPAK**		11-3/4 *298.45*	11.15 *283.21*	10.772 *273.61*	38 - 65 *56.6 - 96.7*	54RWA01 54RWA05	
55CPAA	**55CPAK**		13-3/8 *339.73*	12.715 *323.00*	12.191 *309.65*	48 - 72 *71.4 - 107.1*	55RWA01 55RWA05	
57CPAA	**57CPAK**		16 *406.40*	14.438 *366.73*	15.250 *387.35*	65.0-128.0 *96.73-190.49*	57RWA01 57RWA05	

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RETAINER WIRELINE ADAPTER-GO



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES G O Wireline Adapter is used to couple an electric line or hydraulic setting tool assembly to a cement retainer or Type 'A' cast iron bridge plug using GO setting equipment.

FEATURES/BENEFITS

- Compatible with GO wireline pressure setting equipment.

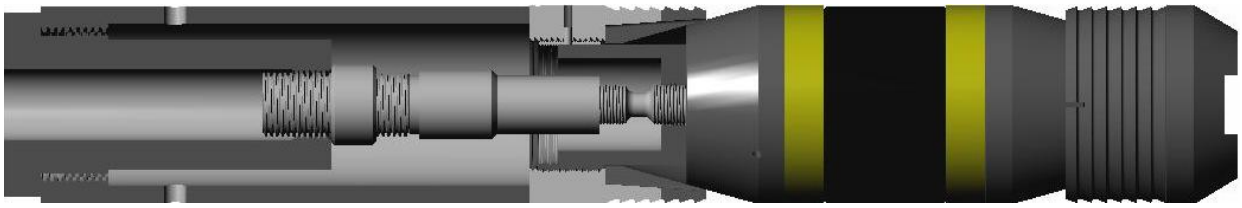
TECHNICAL DATA

PRODUCT #	CASING	SETTING SLEEVE	ADAPTER KIT
	OD	OD	USED WITH RETAINER/ BRIDGE PLUG
	Inches *mm*	Inches *mm*	PRODUCT #'S
23RWA-G	2-3/8 *60.33*	1.718 *43.64*	*23CRAA*
27RWA-G-1.687	2-7/8 *73.03*	2.0 *50.80*	27CRAA
27RWA-G-2.125	2-7/8 *73.03*	2.125 *53.98*	*27CRAA*
35RWA-G	3-1/2 *88.90*	2.75 *69.85*	*35CRAA*
43RWA-G	4-1/2 *114.30*	3.50 *88.90*	*43CP* *43CRAA*
45RWA-G	5-1/2 *139.70*	4.31 *109.47*	*45CP* *45CRAA*
45RWA-G2			
47RWA-G	7.0 *177.80*	5.37 *136.40*	*47CP* *47CRAA*

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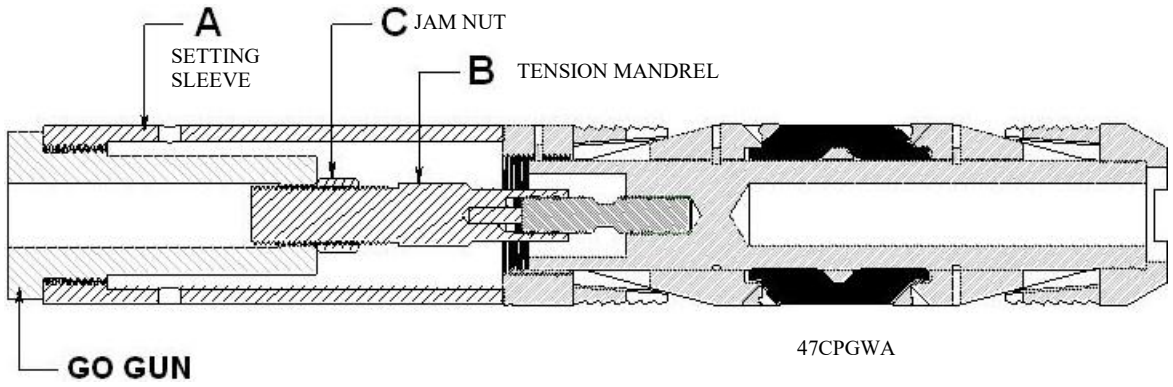
WIRELINE GO ADAPTER KITS (CPGWA)

For Type-B Bridge Plugs



Wire line Adapter shown with 5-1/2" 10K Type-B Bridge Plug

TYPE-B BRIDGE PLUG	PRODUCT #	GO SETTING TOOL	CASING	PART #		TOOL OD		PART LENGTH	
			OD	A	B	GO SLEEVE	BRIDGE PLUG	A	B
		SIZE	Inches/ *mm*	SETTING SLEEVE	TENSION MANDREL	Inches/ *mm*	Inches/ *mm*	SETTING SLEEVE Inches/ *mm*	TENSION MANDREL Inches/ *mm*
23CPAA	**23CPGWA**	1-11/16	2-3/8 60.325	23RWA01-G	N/A	1.65 *41.91*	1.75 *44.45*	7.38 *187.45*	N/A
27CPAA	**27CPGWA**		2-7/8 73.025	27RWA01-G		2.13 *53.98*	2.23 *56.52*	7.38 *187.45*	
35CPAA	**35CPGWA**		3-1/2 88.9	35RWA01-G		2.65 *67.31*	2.75 *69.85*	7.38 *187.45*	
43CPAA	**43CPGWA**	2-1/2"	4-1/2 *114.3*	43WAK07-G	43GO-BA01	3.50 *88.90*	3.61 *91.69*	8.88 *225.55*	13.875 *352.43*
45CPAA	**45CPGWA**	3-1/2"	5-1/2 *139.7*	45WAK07-G	45WA09-G	4.25 *107.95*	4.31 *109.47*	9.50 *241.30*	13.75 *349.25*
47CPAA	**47CPGWA**		7.0 *177.8*	47CPGWA02	47CPGWA01	5.37 *136.40*	5.69 *144.53*	11.00 *279.40*	8.50 *215.90*



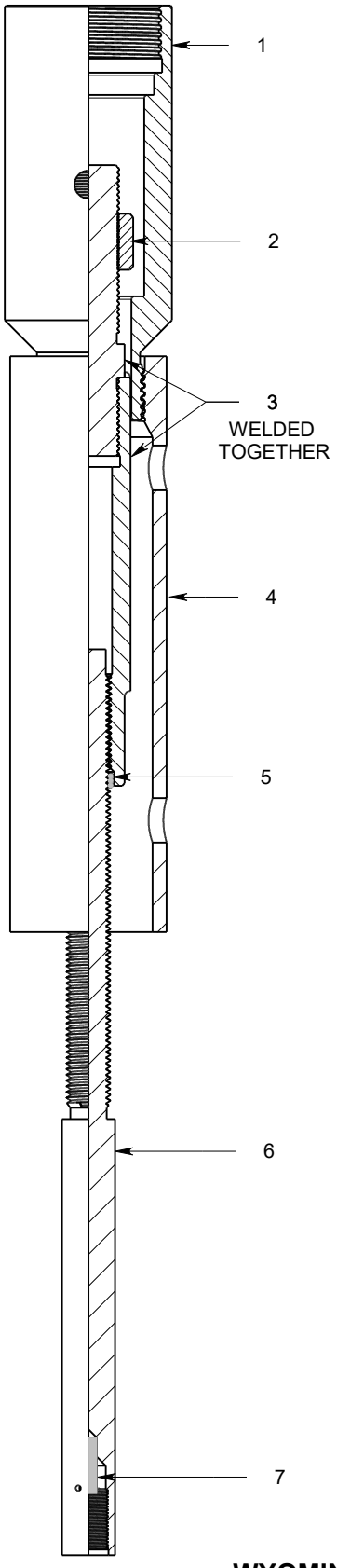
47CPGWA

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4-1/2" WIRELINE ADAPTER KIT - GO

WYOMING COMPLETION TECHNOLOGIES

Part #
43RWA-G



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SETTING SLEEVE CROSSOVER (GO)	1	43GO-BA02
2	GO JAM NUT	1	43CPGWA03
3	TENSION CROSSOVER (GO)	1	43GO-BA01
4	SETTING SLEEVE	1	43RWA01
5	SAFETY SPRING	1	43CP02
6	TENSION MANDREL	1	43RWA03
7	DRIVE PIN	1	DP01

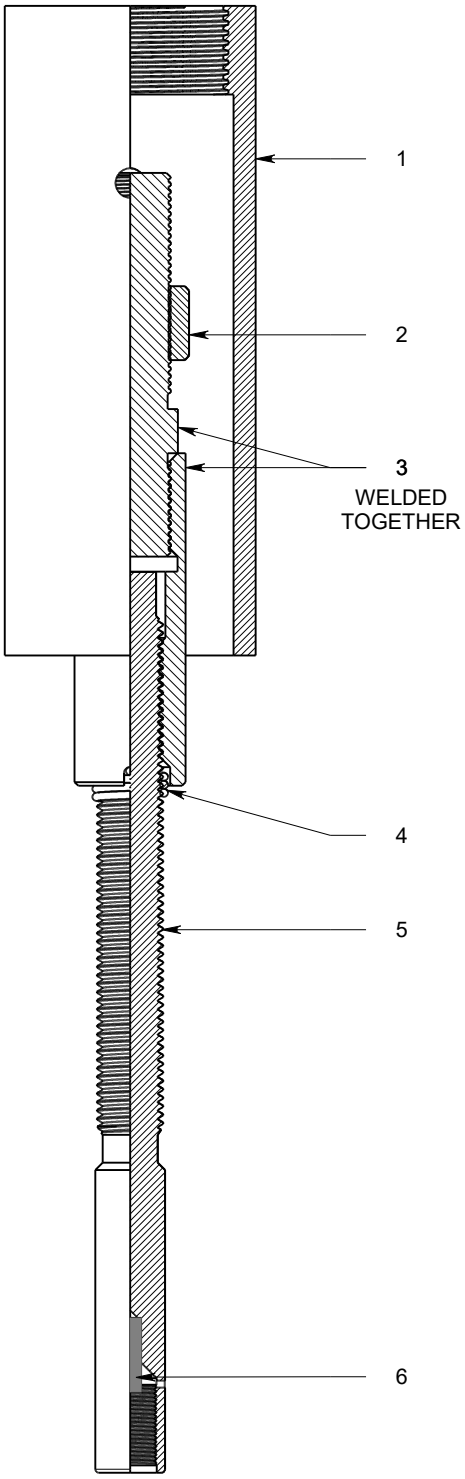
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REV 0 - 07/21/2022

5-1/2" WIRELINE ADAPTER KIT - GO

WYOMING COMPLETION TECHNOLOGIES

Part #
45RWA-G



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SETTING SLEEVE	1	45CPGWA02
2	GO JAM NUT	1	43CPGWA03
3	TENSION CROSSOVER (GO)	1	45GO-BA01
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	45RWA03
6	DRIVE PIN	1	DP01

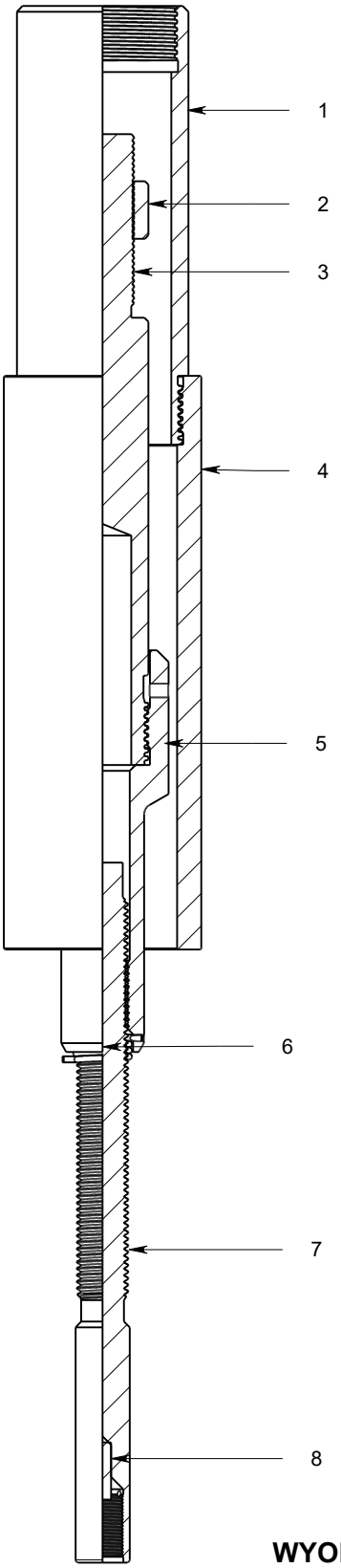
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5-1/2" WIRELINE ADAPTER KIT
GO GUN - BAKER SETTING EQUIPMENT

WYOMING COMPLETION TECHNOLOGIES

Part #
45RWA-G2



Item #	Description	QTY	Part Name
1	SETTING SLEEVE CROSSOVER (GO)	1	45WA07-G
2	GO JAM NUT	1	43CPGWA03
3	TENSION ROD (GO)	1	45WA09-G
4	SETTING SLEEVE	1	45RWA01
5	TENSION SUB	1	45RWA02
6	SAFETY SPRING	1	45CP02
7	TENSION MANDREL	1	45RWA03
8	DRIVE PIN	1	DP01

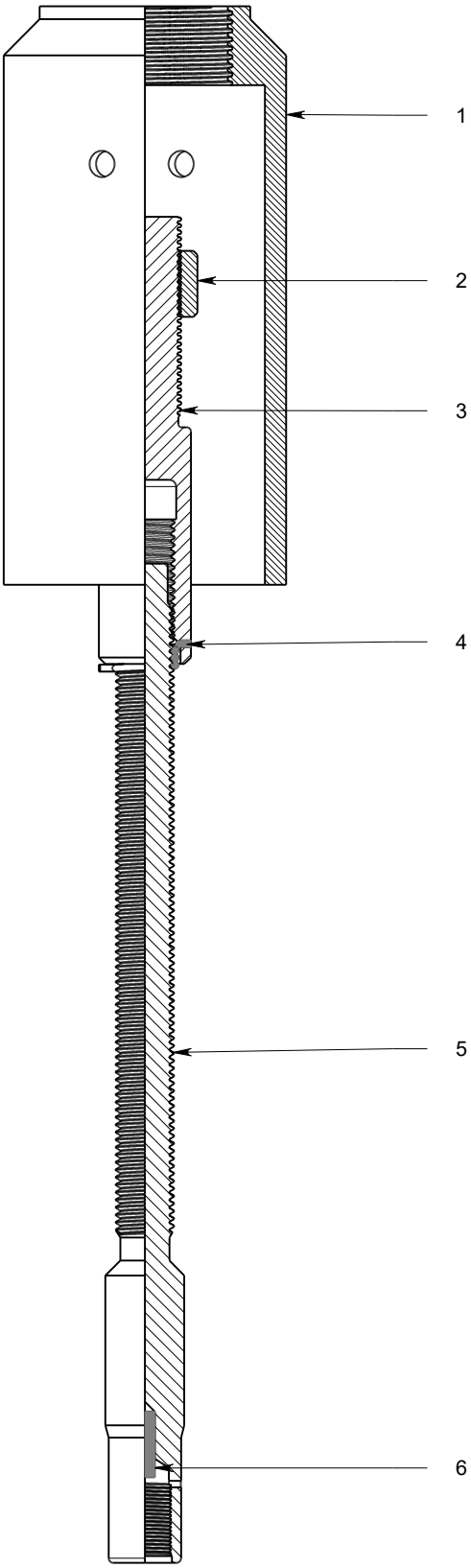
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REV 0 - 07/21/2022

7" WIRELINE ADAPTER KIT - GO

WYOMING COMPLETION TECHNOLOGIES

Part #
47RWA-G



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SETTING SLEEVE	1	47CPGWA02
2	GO JAM NUT	1	43CPGWA03
3	TENSION ROD	1	47CPGWA01
4	SAFETY SPRING	1	45CP02
5	TENSION MANDREL	1	47RWA03
6	DRIVE PIN	1	DP01

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REV 0 - 07/21/2022

X-TENDED RANGE WIRELINE ADAPTER



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Extended Range Wireline Adapter Kit is used to couple an electric line or hydraulic setting tool assembly to an extended range cast iron bridge plug.

FEATURES/BENEFITS

- Compatible with standard wireline pressure setting tools or many hydraulic setting tools.

TECHNICAL DATA

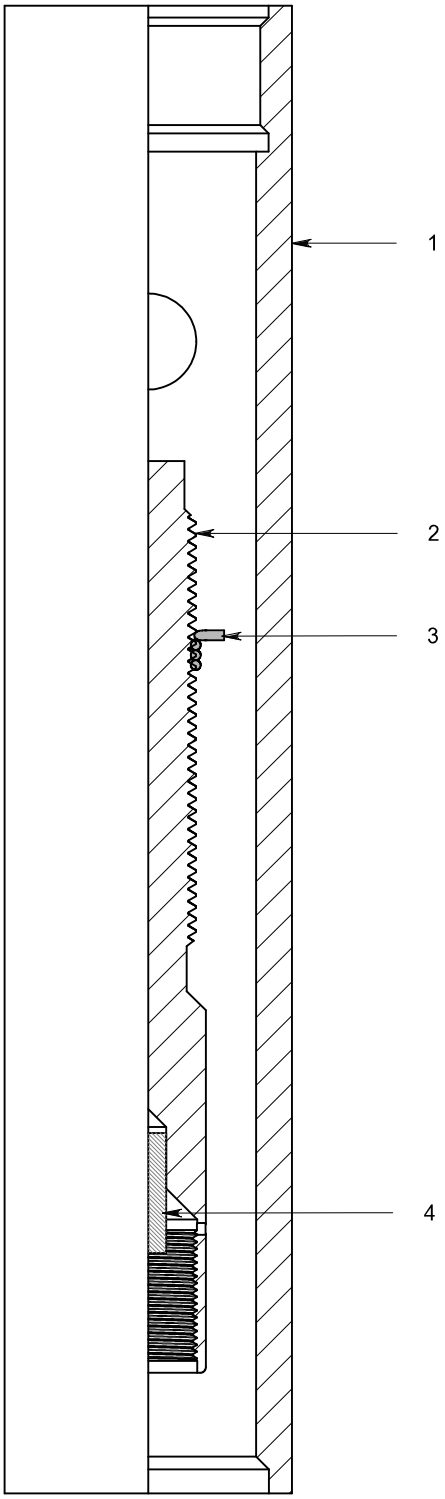
PRODUCT	DIMENSIONAL DATA			SETTING TOOL
	O.D. *In/ mm*	I.D. *In/ mm*	LENGTH *In/ mm*	
23XWA-1.41	1-1/2 *38.10*	1.203 *30.556*	9.625 *244.48*	BAKER 5
27XWA-1.75	1.75 *44.45*	1.437 *36.4998*	8.437 *214.30*	BAKER 5
27XWA-1.9	1.9 *48.26*	1.437 *36.4998*	8.343 *211.91*	BAKER 5
35XWA-2.19	2.187 *55.55*	1.75 *44.45*	8.125 *206.38*	BAKER 5
35XWA-2.28	2.187 *55.55*	1.75 *44.45*	8.125 *206.38*	BAKER 5
40XWA-2.5	2-1/2 *63.50*	1.75 *44.45*	8.625 *219.08*	BAKER 5
40XWA-2.75	2.75 *69.85*	1.75 *44.45*	8.625 *219.08*	BAKER 10
43XWA-3.0	3.0 *76.20*	2.0 *50.8*	8.625 *219.08*	BAKER 10
45XWA-3.75	3.75 *95.25*	2.15 *54.61*	8.625 *219.08*	BAKER 10

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4-1/2" EXTENDED RANGE WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
43XWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE (BAKER)	1	43XWA01-3.00
2	TENSION MANDREL	1	45XWA03
3	SAFETY SPRING	1	43CP02
4	DRIVE PIN	1	375 x 125 DP(DP01)

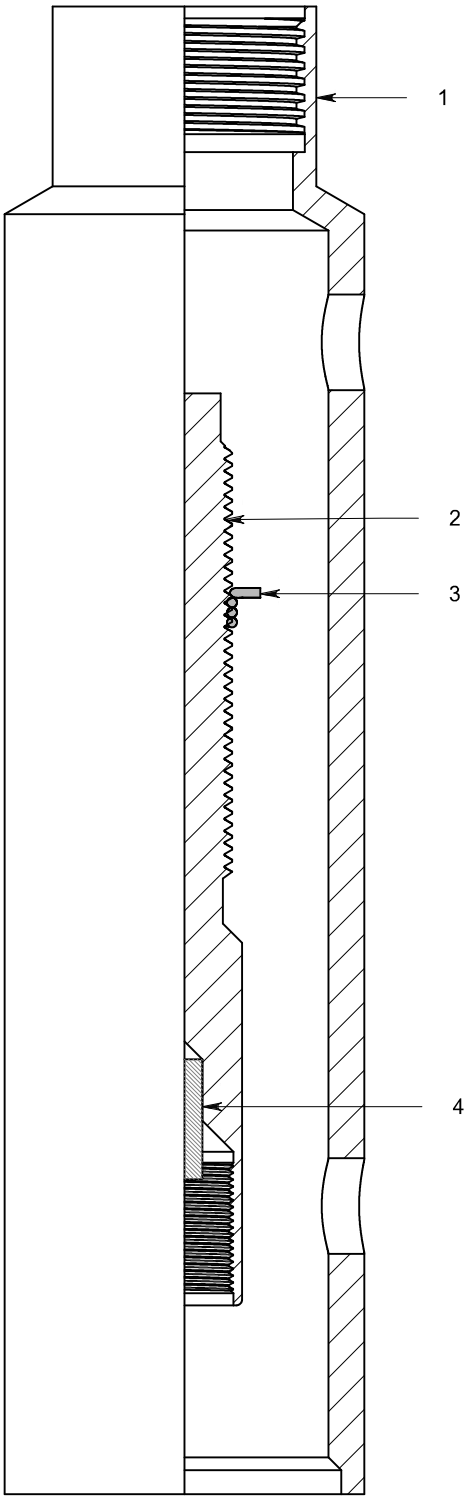
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WEIGHT	
14.95 lbs	
DATE	REV.
02/10/2026	0

5-1/2" X-RANGE WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
45XWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	45XWA01
2	TENSION MANDREL	1	45XWA03
3	SAFETY SPRING	1	43CP02
4	DRIVE PIN	1	375 x 125 DP(DP01)

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WEIGHT	
17.84 lbs	
DATE	REV.
03/04/2022	0

X-TENDED RANGE WIRELINE ADAPTER - GO



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Extended Range Wireline Adapter-GO Kit is used to couple an electric line or hydraulic setting tool assembly to an extended range cast iron bridge plug.

FEATURES/BENEFITS

- Compatible with standard wireline pressure setting equipment.

TECHNICAL DATA

PRODUCT	DIMENSIONAL DATA			SETTING TOOL
	O.D.	I.D.	LENGTH	
	Inches *mm*	Inches *mm*	Inches *mm*	
23XWA-G	1.400 *35.56*	1.105 *28.07*	7.710 *195.83*	1-1/2 GO-Shorty
27XWA-G-1.75	1.745 *44.32*	1.565 *39.75*	8.500 *215.90*	1-11/16 GO
27XWA-G-1.9	1.900 *48.26*	1.710 *43.43*	8.500 *215.90*	1-11/16 GO
35XWA-G-2.187	2.180 *55.37*	2.000 *50.80*	9.000 *228.60*	1-11/16 GO 2-1/8” GO
35XWA-G-2.28	2.275 *57.79*	2.006 *50.95*	8.000 *203.20*	1-11/16 GO 2-1/8” GO
40XWA-G-2.5	2.300 *58.42*	2.000 *50.80*	8.500 *215.90*	2-1/8” GO
40XWA-G-2.75	2.550 *64.77*	2.250 *57.15*	8.500 *215.90*	2-1/8” GO
43XWA-G-3.0	3.000 *76.20*	2.000 *50.80*	8.625 *219.08*	2-1/8” GO
45XWA-G-3.75	3.750 *95.25*	3.260 *82.80*	7.000 *177.80*	3-1/2 GO

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COMPOSITE WIRELINE ADAPTER (CWA)

The WYOMING COMPLETION TECHNOLOGIES Composite Wireline Adapter Kit is used to couple a Baker Setting Tool to a Composite Bridge Plug or Frac Plug.

CWA is compatible with standard wireline pressure setting tools or many hydraulic setting tools.

COMPOSITE BRIDGE PLUG TOOL SIZE	ADAPTER KIT TOOL SIZE	SETTING SLEEVE DIMENSIONS			SETTING TOOL SIZE
		O.D.	I.D.	LENGTH	
Inches/*mm*		In/*mm*	In/*mm*	In/*mm*	
4-1/2 *114.30*	43CWA	3.61 *91.69*	3.25 *82.55*	18.00 *457.20*	#10 BAKER E-4
5-1/2 *139.70*	45CWA	4.31 *109.47*	3.50 *88.90*	22.15 *562.61*	#20 BAKER E-4
7 *177.80*		5.37 *136.40*	4.67 *118.62*	25.25 *641.35*	
8-5/8 *219.075*	49CWA	7.15 *181.61*	6.06 *153.42*	25.25 *641.35*	
9-5/8 *244.475*	51CWA	8.15 *207.01*	7.06 *179.32*	25.25 *641.35*	
13-3/8 339.725	55CWA	11.78 299.21	10.93 277.62	25.24 641.10	



5-1/2" COMPOSITE WIRELINE ADAPTER KIT (45CWA)

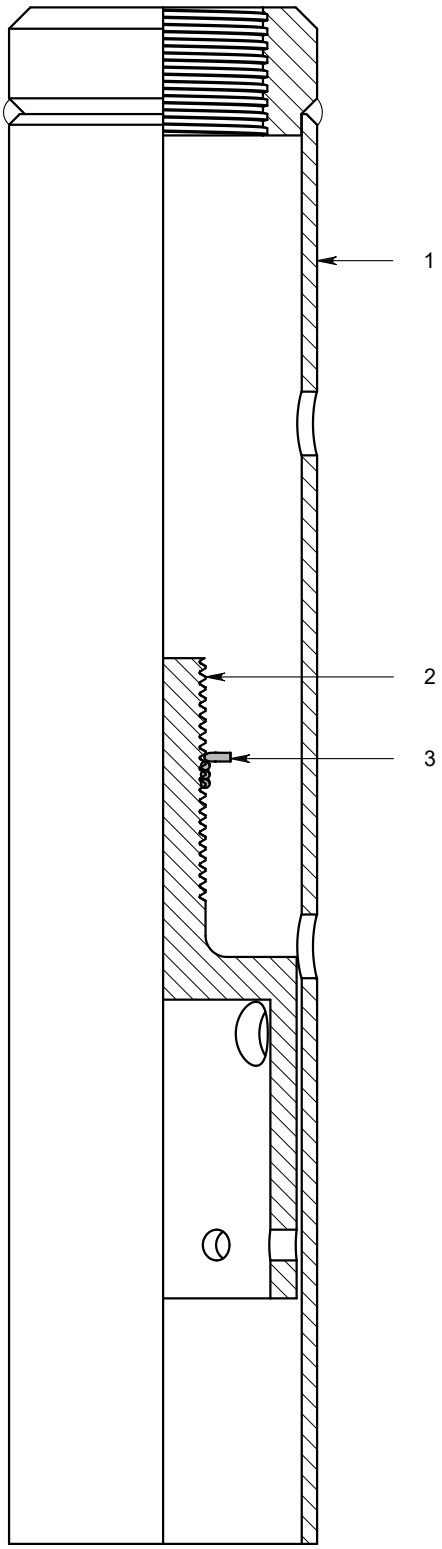
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4-1/2" COMPOSITE WIRELINE ADAPTER KIT

WYOMING COMPLETION TECHNOLOGIES

Part #

43CWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	43CWA02
2	TENSION SUB	1	43CWA01
3	SAFETY SPRING	1	43CP02

*** FOR 4-1/2" COMPOSITE BRIDGE PLUG (43CCBP)**

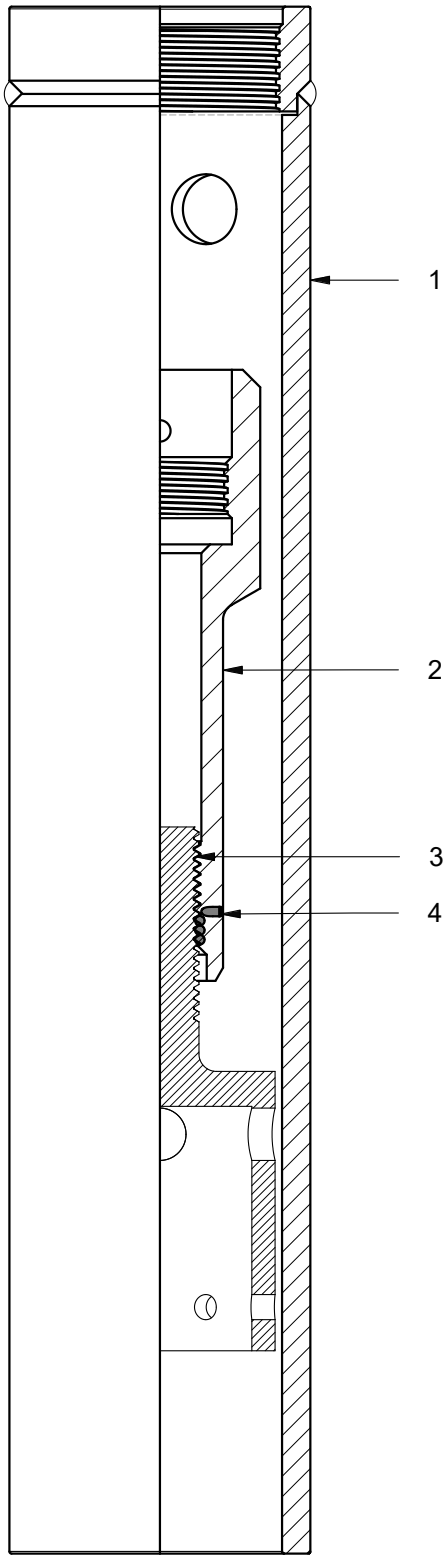
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WEIGHT		
DATE	09/19/2022	REV. 0

5-1/2" COMPOSITE WIRELINE ADAPTER KIT

WYOMING COMPLETION TECHNOLOGIES

Part #
45CWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	45CWA02
2	TENSION SUB	1	45RWA02
3	TENSION SUB	1	45CWA01
4	SAFETY SPRING	1	45CP02

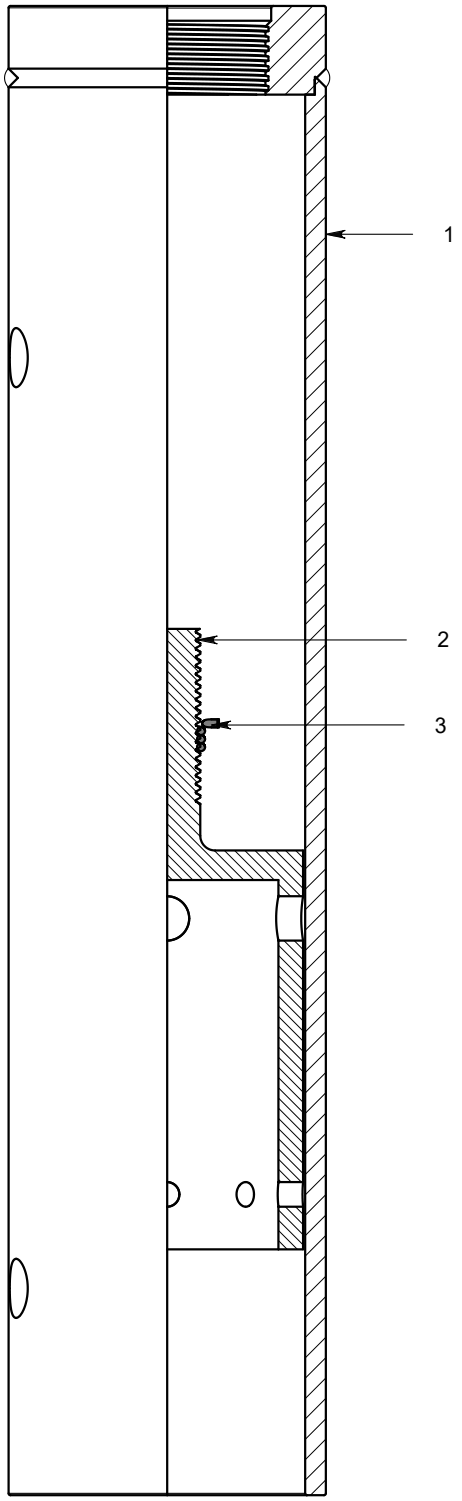
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11/05/2021

7" COMPOSITE WIRELINE ADAPTER KIT

WYOMING COMPLETION TECHNOLOGIES

Part #
47CWA



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	SETTING SLEEVE	1	47CWA02
2	TENSION MANDREL	1	47CWA01
3	SAFETY SPRING	1	45CP02

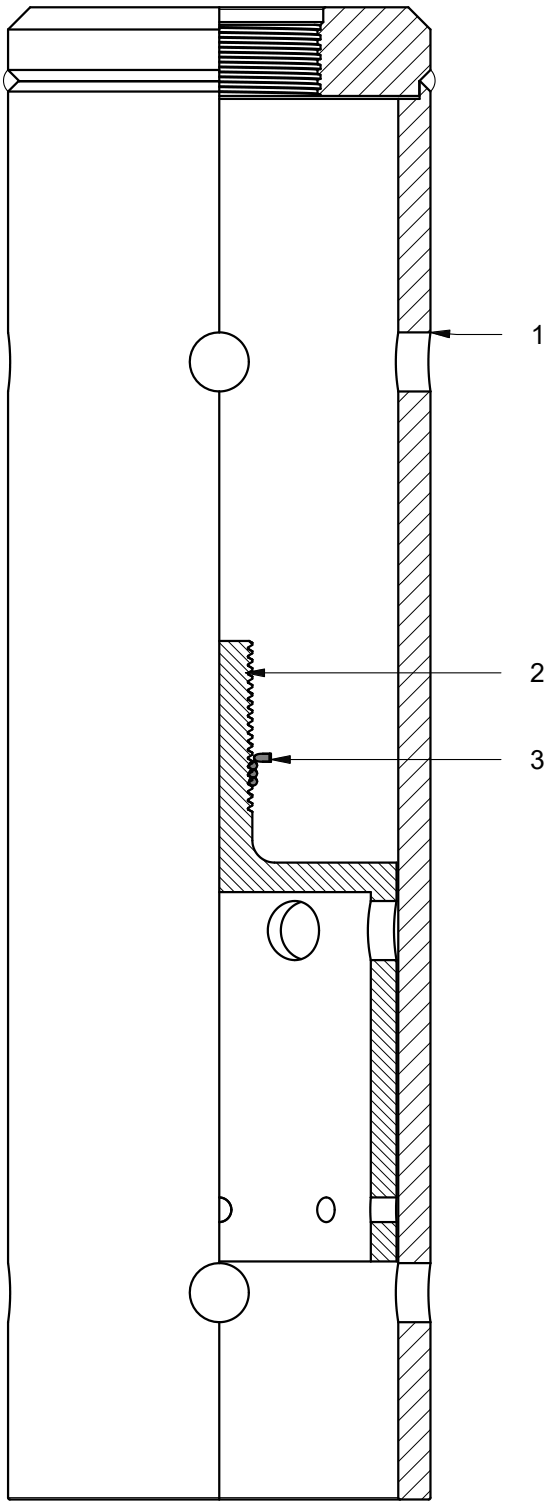
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REV 0 -09/19/2022

8-5/8" COMPOSITE WIRELINE ADAPTER KIT

WYOMING COMPLETION TECHNOLOGIES

Part #
49CWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	49CWA02
2	TENSION MANDREL	1	49CWA01
3	SAFETY SPRING	1	45CP02

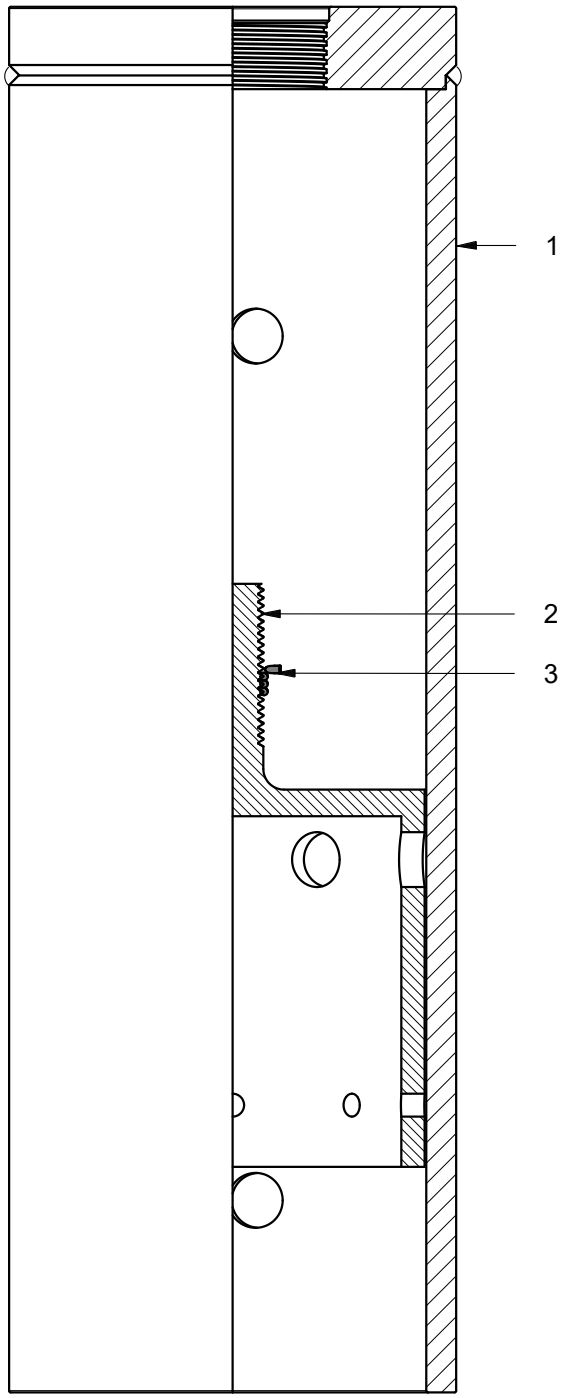
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11/05/2021

9-5/8" COMPOSITE WIRELINE ADAPTER KIT

WYOMING COMPLETION TECHNOLOGIES

Part #
51CWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	SETTING SLEEVE	1	51CWA02
2	TENSION MANDREL	1	51CWA01
3	SAFETY SPRING	1	45CP02

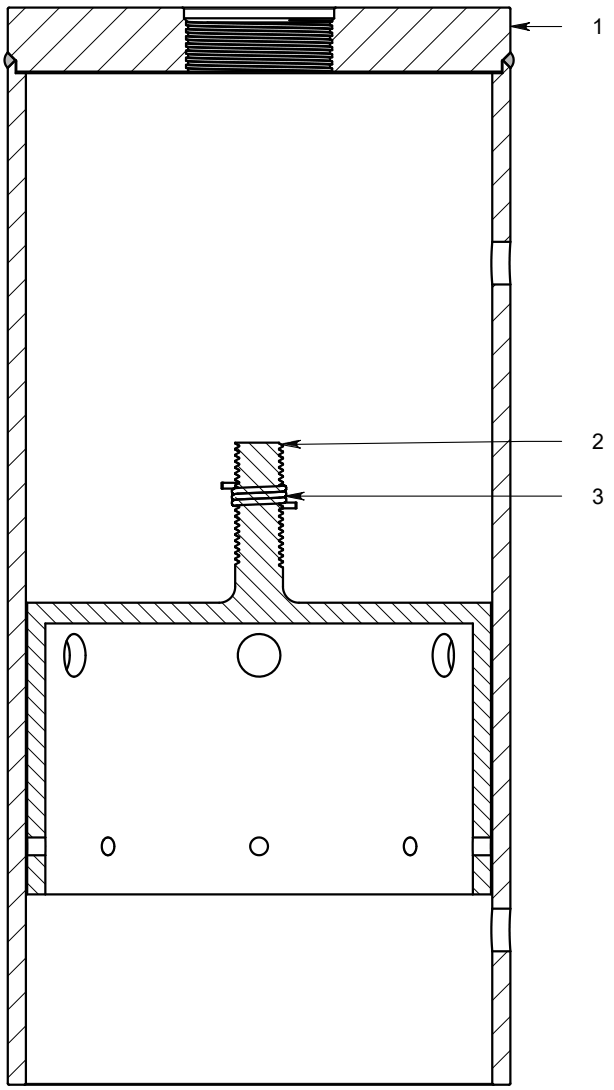
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11/05/2021

13-3/8" COMPOSITE WIRELINE ADAPTER

WYOMING COMPLETION TECHNOLOGIES

Part #
55CWA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Number
1	SETTING SLEEVE	1	51CWA02
2	TENSION MANDREL	1	55CWA01
3	SAFETY SPRING	1	45CP02

DRAWN BY:	DATE	WEIGHT	
kkw	07/31/2023	182.46 lbs	
APPROVED BY:	DATE	LAST MOD.	REV.

WIRELINE SETTING TOOL



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Wireline Setting Tool is a sure way of setting any electric line set product that may include cement retainers, bridge plugs, and other wireline tools. Our Setting Tool is a gas generated tool that provides the gradual hydraulic force needed to set bridge plugs and cement retainers.

FEATURES/BENEFITS

- Used to set bridge plugs and cement retainers on electric wireline
- Disk bleeder valve for safe and simple pressure bleed off before disassembly
- Fast running wireline capability
- Sizes 2-3/8 through the largest casing sizes are available
- 10000 psi pressure rating

TECHNICAL DATA

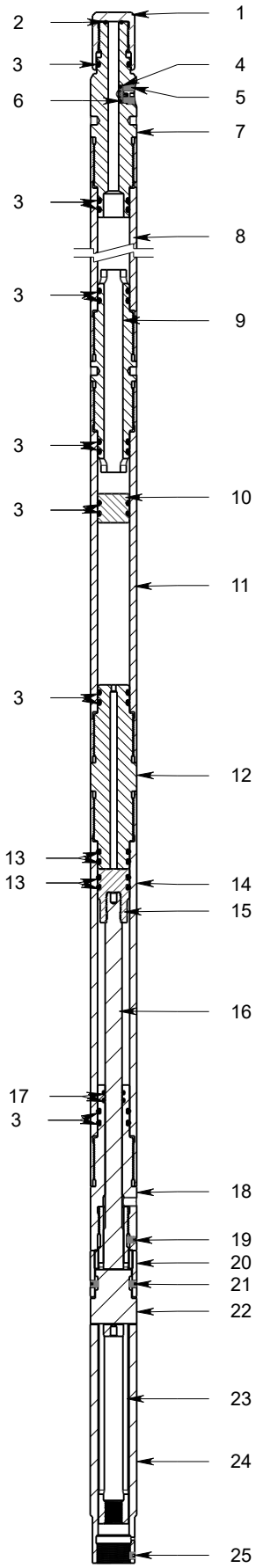
SET TOOL	CASING			
	OD	ID MAX.	ID MIN.	Weight
	Inches	Inches mm	Inches mm	Lb/Ft Kg/m
WST05	2-7/8 73.03	N/A	N/A	6.4 - 7.8 9.5 - 11.6
	3-1/2 88.90	3.258 82.75	2.867 72.82	5.75 - 10.3 8.6 - 15.3
WST10	4-1/2 114.30	4.09 103.88	3.82 97.03	9.5 - 13.5 14.1 - 20.1
	5 127.00	4.56 115.82	4.27 108.60	11.5 - 18 17.1 - 26.8
WST20	5-1/2 139.70	5.04 128.11	4.67 118.60	13 - 23 19.5 - 34.2
	6-5/8 168.30	6.13 409.82	5.60 142.20	17 - 34.5 25.3 - 50.6
	7 177.80	6.53 166.06	6.00 152.40	17 - 35 25.3 - 52.1
	7-5/8 193.70	7.25 180.97	6.62 168.14	20 - 39 29.8 - 58.0
	8-5/8 219.10	8.09 205.66	7.43 188.72	24 - 52 35.7 - 77.4
	9-5/8 244.50	9.06 230.20	8.37 212.59	29.3 - 61.1 43.6 - 90.9
	10-3/4 273.10	10.192 258.87	9.66 245.36	32.7 - 51.0 48.7 - 75.9
	11-3/4 298.45	11.15 283.21	10.772 273.61	38 - 65 56.6 - 96.7
	13-3/8 339.73	12.715 323.00	12.191 309.65	48 - 72 71.4 - 107.1
	16 406.40	14.438 366.73	15.250 387.35	65.0-128.0 96.73-190.49

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WIRELINE SETTING TOOL 05

WYOMING COMPLETION TECHNOLOGIES

Part #
WST05



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	PROTECTOR CAP	1	WST05-24
2	O-RING	1	112-90D Nitrile
3	O-RING	10	213-90D Nitrile
4	PIERCING DISK	1	WST05-14
5	RETAINER	1	WST05-13
6	O-RING	1	111-90D Nitrile
7	PRESSURE CHAMBER	1	WST05-01
8	UPPER CYLINDER	1	WST05-15
9	CONNECTOR	1	WST05-04
10	FLOATING PISTON	1	WST05-03
11	MIDDLE CYLINDER	1	WST05-02
12	UPPER CONNECTOR	1	WST05-27
13	O-RING	7	214-90D Nitrile
14	LOWER CYLINDER	1	WST05-16
15	LOWER PISTON	1	WST05-09
16	PISTON ROD	1	WST05-08
17	O-RING	2	114-90D Nitrile
18	LOWER CONNECTOR	1	WST05-30
19	SET SCREW	1	1/4 - 20 x 5/16
20	RETAINING RING	1	WST05-06
21	STEEL SET SCREW	2	1/4 - 20 x 1/4
22	CROSS LINK	1	WST05-07
23	SETTING MANDREL	1	WST05-10
24	CROSS LINK SLEEVE	1	WST05-11
25	STEEL SET SCREW	1	1/4-20 X 3/16

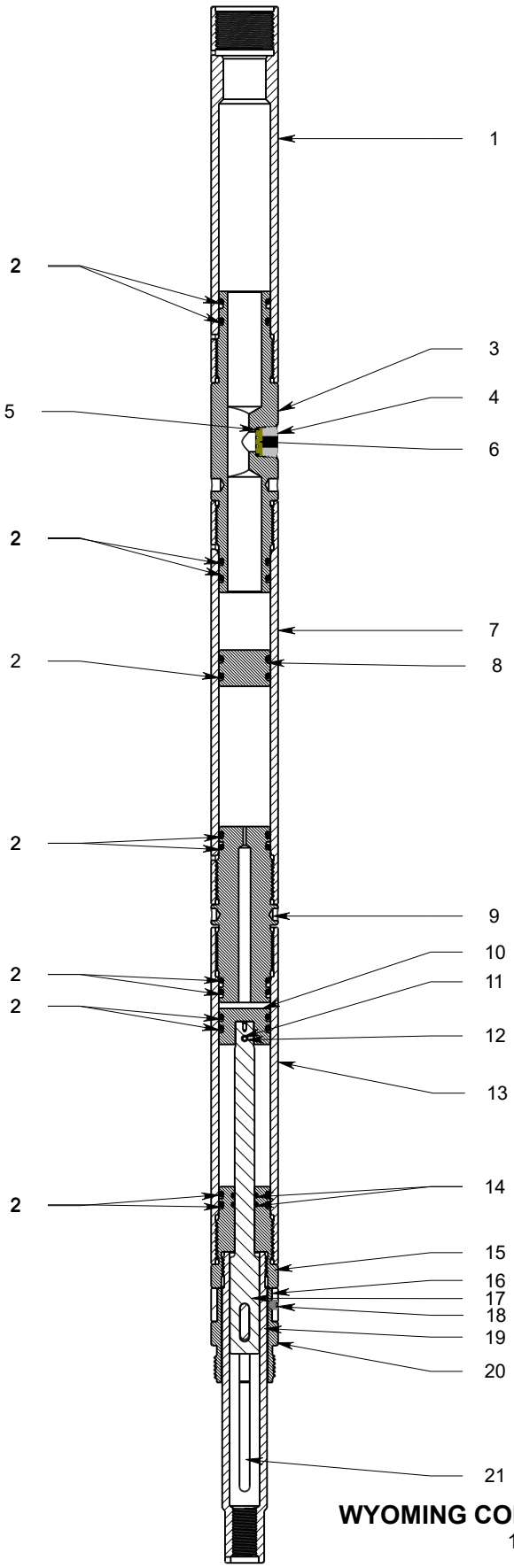
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REV 0 - 06/15/2022

WIRELINE SETTING TOOL 10

WYOMING COMPLETION TECHNOLOGIES

Part #
WST10



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	Upper Hydraulic Cylinder	1	WST10-15
2	O-Ring	14	327-90D Nitrile
3	Pressure Chamber	1	WST10-01
4	Bleeder Valve	1	WST20-13
5	O-RING	1	213-90D Nitrile
6	Diaphram	1	WST20-14
7	Mid Hydraulic Cylinder	1	WST10-02
8	Floating Piston	1	WST10-03
9	Cylinder Coupler	1	WST10-04
10	Lower Piston	1	WST10-09
11	Wrist Pin	1	WST10-12
12	SET SCREW	1	1/4 - 20 x 5/16
13	Lower Hydraulic Cylinder	1	WST10-16
14	O-RING	2	211-90D Nitrile
15	Cylinder Head	1	WST10-05
16	Retaining Ring	1	WST10-06
17	Piston Rod	1	WST10-08
18	Steel Set Screw	1	3/8-16 x 3/8
19	Setting Mandrel	1	WST10-10
20	Crosslink Sleeve	1	WST10-11
21	Key	1	WST10-07

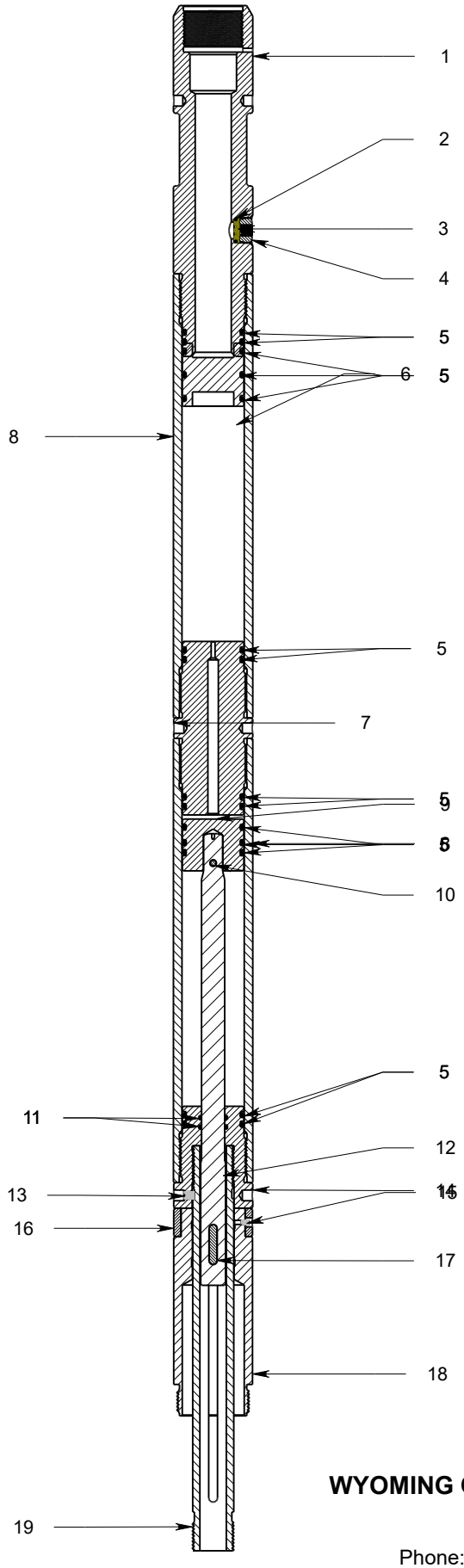
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REV 0 - 06/15/2022

WIRELINE SETTING TOOL 20

WYOMING COMPLETION TECHNOLOGIES

Part #
WST20



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	Pressure Chamber	1	WST20-01
2	O-RING	1	213-90D Nitrile
3	Diaphram	1	WST20-14
4	Bleeder Valve	1	WST20-13
5	O-RING	14	334-90D Nitrile
6	Floating Piston	1	WST20-03
7	Cylinder Coupler	1	WST20-04
8	Hydraulic Cylinder	2	WST20-02
9	Lower Piston	1	WST20-09
10	Wrist Pin	1	WST20-12
11	O-RING	2	216-90D Nitrile
12	Piston Rod	1	WST20-08
13	SET SCREW	1	.375-16 x .50
14	Cylinder Head	1	WST20-05
15	Shear Screw	1	.25-20 x .375
16	Retaining Ring	1	WST20-06
17	Key	1	WST20-07
18	Crosslink Sleeve	1	WST20-11
19	Setting Mandrel	1	WST20-10

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REV 0 - 06/15/2022

SHORTY WIRELINE SETTING TOOL (SST)



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Shorty Setting Tool is a compact wireline set tool. The power charge produces high pressure gas for setting bridge plugs, cement retainers and packers.

FEATURES/BENEFITS

- Top and bottom pistons are pressure balanced
- Eliminates problems plugs and patches present due to high levels of hydrostatic pressure
- Power charge has a slow burn of approximately 30 seconds

TECHNICAL DATA

WIRELINE BRIDGE PLUG TOOL SIZE Inches *mm*	SHORTY SETTING TOOL PRODUCT # Inches *mm*	SHORTY SETTING TOOL OD Inches *mm*
2-7/8 *73.03*	15SST	1-1/2 *38.10*
3-1/2 *88.90*		
4.0 *101.60*		
4-1/2 *114.30*		

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MECHANICAL SETTING TOOL

DRAG BLOCK 4-1/2” – 7-5/8”



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Drag Block Mechanical Setting Tool is a dependable tool for setting cement retainers and cast-iron bridge plugs. With a built-in snap latch and stinger seal these tools will latch into a retainer with set-down weight and release with up-strain or right-hand turn.

FEATURES/BENEFITS

- Built-in stinger for setting cement retainers
- Drag Block Centralizer
- Set with right-hand rotation
- Simple alteration for setting bridge plugs
- Latch with set-down weight
- Release with right-hand rotation and/or up-strain

TECHNICAL DATA

PRODUCT #	CASING				DRAG BLOCK
	OD	ID MAX	ID MIN	Weight	Collapsed OD
	Inches/ *mm*	Inches/ *mm*	Inches/ *mm*	lbs/Ft *Kg/m*	Inches/ *mm*
43MST	4-1/2 *114.30*	4.09 *103.89*	3.92 *99.57*	9.5 - 13.5 *14.1 - 20.1*	3.75 *95.25*
44MST - A1	5 *127.00*	4.28 *108.71*	4.14 *105.15*	18 - 21 *26.8 - 31.3*	3.82 *97.03*
44MST - A2	5 *127.00*	4.41 *112.01*	4.28 *108.71*	15 - 18 *22.3 - 26.8*	4.02 *102.11*
44MST - A3	5 *127.00*	4.56 *115.82*	4.41 *112.01*	11.5 - 15 *17.1 - 22.3*	4.23 *107.44*
45MST - A1	5-1/2 *139.70*	4.89 *124.21*	4.67 *118.62*	17 - 23 *25.3 - 34.2*	4.50 *114.30*
45MST - A2	5-1/2 *139.70*	5.04 *128.12*	4.89 *124.26*	13 - 17 *19.3 - 25.3*	4.50 *114.30*
45MST - A3	5-1/2 *139.70*	4.78 *121.36*	4.67 *118.62*	20 - 23 *29.8 - 34.2*	4.50 *114.30*
45MST - A4	5-1/2 *139.70*	4.78 *121.36*	4.55 *115.52*	20 - 26 *29.8 - 38.7*	4.78 *121.41*
60MST	6 *152.40*	5.35 *135.89*	5.24 *133.10*	20 – 22.8 *29.76 – 33.93*	4.74 *120.40*
46MST	6-5/8 *168.28*	5.92 *150.39*	5.55 *144.15*	24 - 32 *35.7 - 47.6*	5.50 *139.70*
47MST - A1	7 *177.80*	6.18 *157.07*	5.92 *150.37*	29 - 38 *43.2 - 56.6*	5.50 *139.70*
47MST - A2	7 *177.80*	6.54 *166.07*	6.09 *154.79*	17 - 32 *25.3 - 47.6*	5.92 *150.37*
48MST	7-5/8 *193.68*	7.03 *178.44*	6.44 *163.45*	24 - 45.3 *35.7 - 67.4*	6.37 *161.80*

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MECHANICAL SETTING TOOL

DRAG BLOCK 8-5/8” – 16”



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Drag Block Mechanical Setting Tool is a dependable tool for setting cement retainers and cast-iron bridge plugs. With a built-in snap latch and stinger seal, these tools will latch into a retainer with set-down weight and release with up-strain or right-hand turn.

FEATURES/BENEFITS

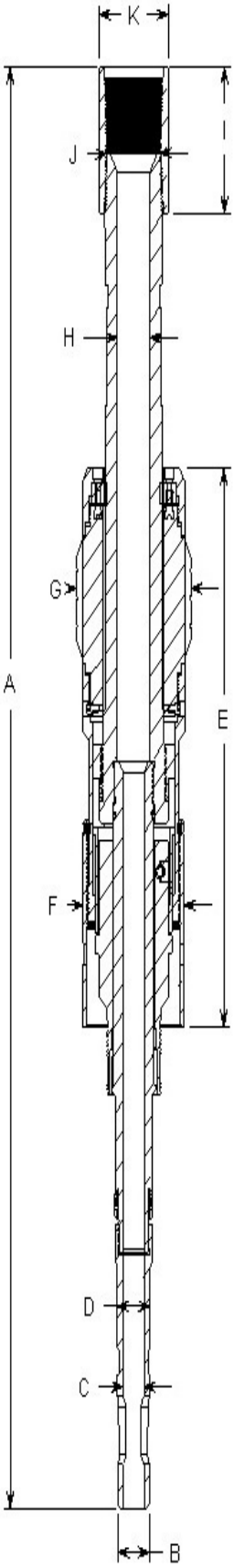
- Built-in stinger for setting cement retainers
- Drag Block Centralizer
- Set with right-hand rotation
- Simple alteration for setting bridge plugs
- Latch with set-down weight
- Release with right-hand rotation and/or up strain

TECHNICAL DATA

PRODUCT #	CASING				DRAG BLOCK
	OD	ID MAX	ID MIN	Weight	Collapsed OD
	Inches/ *mm*	Inches/ *mm*	Inches/ *mm*	lbs/Ft *Kg/m*	Inches/ *mm*
49MST	8-5/8 *219.08*	8.02 *203.63*	7.41 *188.23*	28 - 52 *41.7 - 77.4*	7.24 *183.90*
51MST	9-5/8 *244.48*	8.98 *228.12*	8.35 *212.21*	32 - 61 *47.6 - 90.8*	8.24 *209.30*
53MST - A1	10-3/4 *273.05*	9.85 *250.19*	9.28 *235.71*	51 - 79.2 *75.9 - 117.9*	9.11 *231.40*
53MST - A2	10-3/4 *273.05*	10.16 *258.13*	9.66 *245.36*	32.8 - 60.7 *48.8 - 90.3*	9.47 *240.54*
54MST - A1	11-3/4 *298.45*	10.77 *273.61*	10.34 *262.72*	60 - 83 *89.3 - 123.5*	10.19 *258.83*
54MST - A2	11-3/4 *298.45*	11.15 *283.21*	10.68 *271.32*	38 - 65 *56.6 - 96.7*	10.55 *267.97*
55MST - A1	13-3/8 *339.73*	12.28 *311.79*	11.86 *301.28*	77 - 102 *114.6 - 151.8*	11.75 *298.45*
55MST - A2	13-3/8 *339.73*	12.72 *322.96*	12.35 *313.61*	48 - 72 *71.4 - 107.1*	12.11 *307.59*
57MST	16 *406.40*	15.01 *381.25*	14.42 *366.38*	84 - 128 *125.0 - 190.5*	14.0 *355.60*

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MECHANICAL SETTING TOOL - DRAG BLOCK



4-1/2" - 16" MECHANICAL SETTING TOOL LENGTHS & DIAMETERS

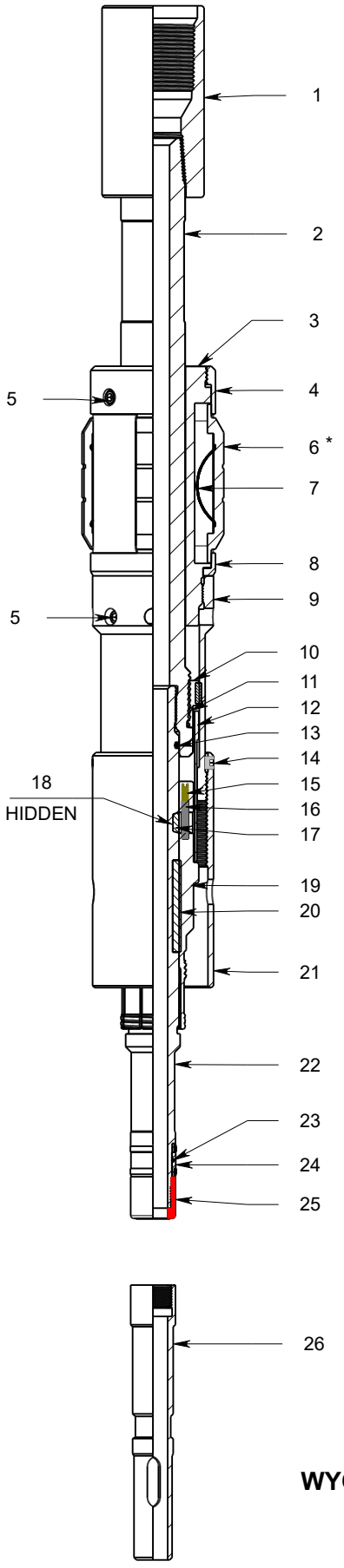
PRODUCT #	SIZE Inches mm	MEASUREMENT											DRAG PAD # (DP)
		A	B	C	D	E	F	G	H	I	J	K	
43MST 9.5-13.5#	4-1/2 114.30	43.635	1.145	0.624	0.88	18.712	3.62	4.25	1.0	5.75	1.683	3.063	DP450
44MST-A1 18-21#	5 127.00	43.635	1.145	0.624	0.88	18.712	3.62	4.38	1.0	5.75	1.683	3.063	DP550
44MST-A2 15-18#	5 127.00							4.49					DP560
44MST-A3 11.5-15#	5 127.00							4.66					DP570
45MST-A1 17-23#	5-1/2 139.70	43.692	1.145	0.624	0.88	18.368	4.375	5.14	1.0	5.75	1.683	3.063	DP550
45MST-A2 13-17#	5-1/2 139.70							5.25					DP560
45MST-A3 20-23#	5-1/2 139.70							5.01					DP450
45MST-A4 20-26#	6 152.40							5.42					DP570
60MST 20-22.8#	6 152.40	45.924	1.682	1.126	1.75	7.065	5.100	5.66	1.0	5.75	1.683	3.063	DP570
46MST 24-32#	6-5/8 168.28	43.692	1.145	0.624	0.88	18.368	4.375	6.05	1.0	5.75	1.683	3.063	DP650
47MST-A1 29-38#	7 177.80	43.692	1.145	0.624	0.88	18.368	4.375	6.36	1.0	5.75	1.683	3.063	DP700
47MST-A2 17-32#	7 177.80							6.91					DP900
48MST 24-45.3#	7-5/8 193.68	51.15	1.682	0.826	1.125	21.864	6.27	7.31	1.75	5.25	---	3.67	48DP
49MST 28-52#	8-5/8 219.08	51.472	1.682	0.838	1.125	21.224	7.12	8.18	1.75	5.25	---	3.67	DP800
51MST 32-61#	9-5/8 244.48	51.501	1.682	0.838	1.125	21.253	8.12	9.18	1.75	5.25	---	3.67	DP800
53MST-A1 51-79.2#	10-3/4 273.05	51.455	1.682	0.839	1.125	23.176	9.437	10.49	1.75	5.25	---	3.67	DP800
53MST-A2 32.8-60.7#	10-3/4 273.05							10.85					DP900
54MST-A1 60-83#	11-3/4 298.45	51.501	1.682	1.162	1.750	21.253	8.12	11.64	1.75	5.25	---	3.67	DP800
54MST-A2 38-65#	11-3/4 298.45							12.00					DP900
55MST-A1 77-102#	13-3/8 349.25	51.185	1.682	0.839	1.125	22.44	11.96	13.05	1.75	5.25	---	3.67	DP800
55MST-A2 48-72#	13-3/8 349.25							13.41					DP900
57MST 84-128#	16 406.40	51.501	1.682	0.838	1.125	21.253	8.12	14.31	1.75	5.25	---	3.67	DP800

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4-1/2" & 5" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part # 43MST (4-1/2") & 44MST (5")



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLING	1	19NU23EU
2	MANDREL	1	43MST06
3	DRAG BLOCK HOUSING	1	43MST18
4	UPPER DRAG PAD RETAINER	1	43MST19
5	STEEL CAP SCREW	6	1/4-20 x 3/8 CAP
6	DRAG PAD*	4	DP450
7	DRAG PAD SPRING	16	43MST21
8	LOWER DRAG PAD RETAINER	1	43MST28
9	CONTROL NUT SLEEVE	1	43MST03
10	CONTROL NUT	1	43MST04
11	CONTROL NUT CLUTCH	1	43MST05
12	RETAINING SLEEVE	1	43MST07
13	O-RING	1	219-90D Nitrile
14	SOCKET SET SCREW	2	3/8-16 x 1/4
15	BRASS SET SCREW	2	1/4-20 x 1/2 B
16	3/16 x 1-1/4 HARDENED PIN	2	43MST10
17	DOG	1	43MST15
18	COMPRESSION SPRING	2	43MST16
19	CONTROL LATCH	1	43MST08
20	KEY	1	43MK2.75
21	SETTING SLEEVE	1	43MST20
22	STINGER SUB BODY	1	43MST09
23	O-RING	1	024-90D Nitrile
24	STINGER SEAL	1	43MST02
25	THREAD PROTECTOR	1	43MST25
26	STINGER SUB	1	43MST12

* DRAG PAD CHANGES FOR THE 44MST (5")
SPECIFY CASING RANGE DP550 - (18-21#)
DP560 - (15-18#)
DP570 - (11.5-15#)

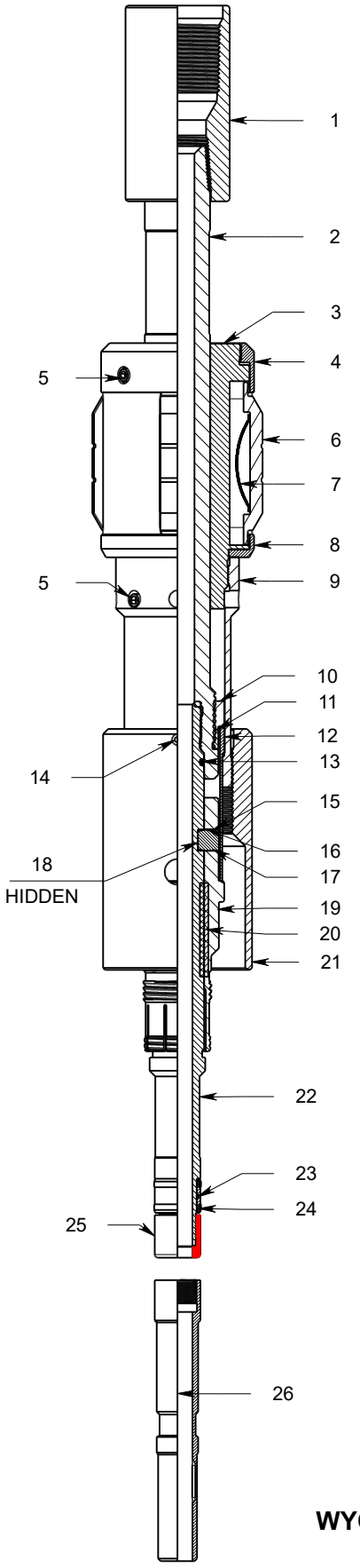
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REV 0 - 06/15/2022

5-1/2" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part #
45MST



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLING	1	19NU23EU
2	MANDREL	1	43MST06
3	DRAG BLOCK HOUSING	1	45MST18
4	UPPER DRAG PAD RETAINER	1	45MST19
5	STEEL CAP SCREW	6	1/4-20 x 3/8 CAP
6	DRAG PAD*	4	DP550
7	DRAG PAD SPRING	20	43MST21
8	LOWER DRAG PAD RETAINER	1	45MST28
9	CONTROL NUT SLEEVE	1	43MST03
10	CONTROL NUT	1	43MST04
11	CONTROL NUT CLUTCH	1	43MST05
12	RETAINING SLEEVE	1	43MST07
13	O-RING	1	219-90D Nitrile
14	STEEL SET SCREW	2	3/8-16 x 3/8
15	BRASS SET SCREW	2	1/4-20 x 1/2 B
16	3/16 x 1-1/4 HARDENED PIN	2	43MST10
17	DOG	1	43MST15
18	COMPRESSION SPRING	2	43MST16
19	CONTROL LATCH	1	43MST08
20	KEY	1	43MK2.75
21	SETTING SLEEVE	1	45MST20
22	STINGER SUB BODY	1	43MST09
23	O-RING	1	024-90D Nitrile
24	STINGER SEAL	1	43MST02
25	THREAD PROTECTOR	1	43MST25
26	STINGER SUB	1	43MST12

*** SPECIFY CASING WEIGHT - (20-23 lb) USES PART #DP450**
(17-23 lb) USES PART # DP550
(13-17 lb) USES PART # DP560
6" - (20-26 lb) USES PART #DP570

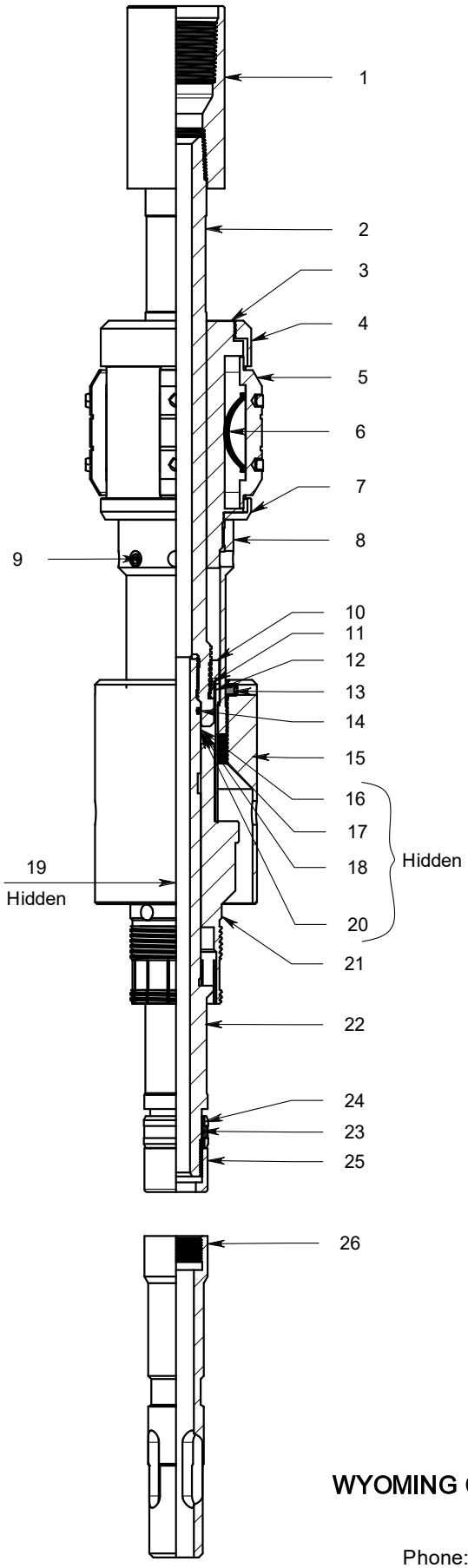
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REV 0 - 06/15/2022

6" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part #
60MST



ITEM #	Description	QTY	PART #
1	COUPLER	1	19NU23EU
2	MANDREL	1	43MST06
3	DRAG BODY	1	45MST18
4	UPPER DRAG PAD RETAINER	1	60MST19
5	DRAG PAD	4	DP570
6	DRAG PAD SPRING	20	43MST21
7	LOWER DRAG PAD RETAINER	1	60MST28
8	CONTROL NUT SLEEVE	1	43MST03
9	STEEL CAP SCREW	6	1/4-20 X 3/8 CAP
10	CONTROL NUT	1	43MST04
11	CONTROL NUT CLUTCH	1	43MST05
12	RETAINING SLEEVE	1	43MST07
13	STEEL SET SCREW	2	3/8-16 x 3/8
14	O-RING	1	219-90D Nitrile
15	SETTING SLEEVE	1	60MST20
16	BRASS SET SCREW	2	1/4-20 x 1/2 B
17	3/16 x 1-1/4 HARDENED PIN	2	43MST10
18	DOG	1	43MST15
19	KEY	1	43MK275
20	COMPRESSION SPRING	2	43MST16
21	CONTROL LATCH	1	60MST08
22	STINGER SUB BODY	1	60MST09
23	O-RING	1	030-90D Nitrile
24	STINGER SEAL INSERT	1	47MST02
25	THREAD PROTECTOR	1	47MST28
26	STINGER SUB	1	47MST12

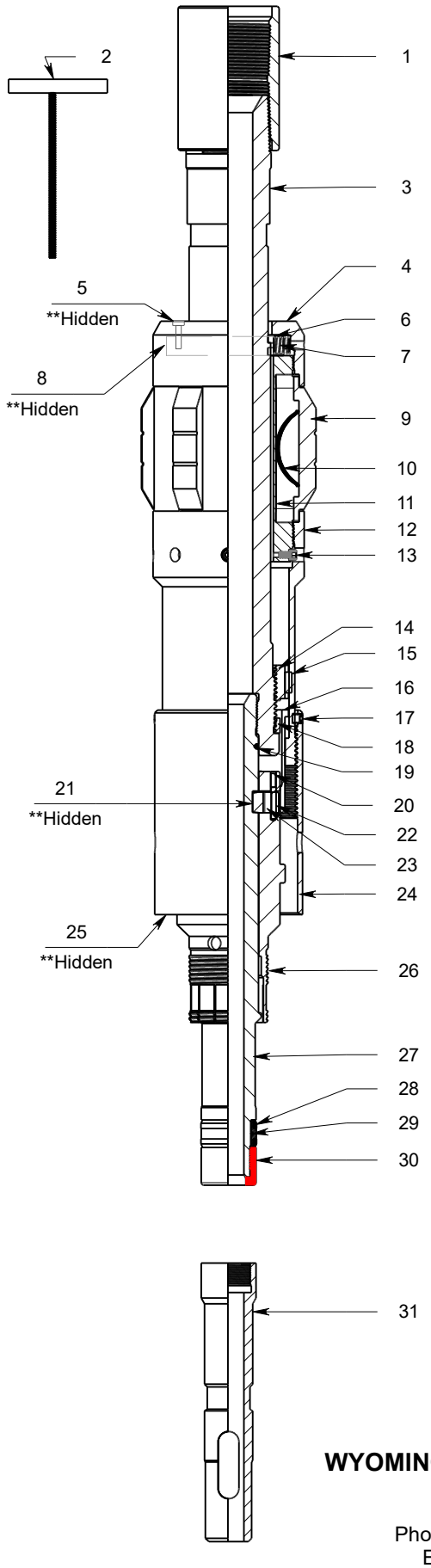
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REV1-02/20/2023

6-5/8" MECHANICAL SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #
46MST



PARTS AND ASSEMBLY

Item #	Description	QTY	Part Name
1	2-7/8" COUPLING	1	27EC
2	T - HANDLE	1	47MST29
3	MANDREL	1	47MST06
4	DRAG RETAINER	1	47MST19
5	SOCKET HEAD CAP SCREW	3	5/16 -18 x 3/4 CAP
6	LOCK SEGMENT	1	47MST17
7	COMPRESSION SPRING	1	47MST31
8	LOCK SEGMENT SUPPORT RING	1	47MST27
9	DRAG PAD	6	DP700
10	DRAG PAD SPRING	48	47MST21
11	DRAG BLOCK HOUSING	1	47MST18
12	CONTROL NUT SLEEVE	1	47MST03
13	STEEL CAP SCREW	4	1/4 -20 x 3/8 CAP
14	CONTROL NUT	1	47MST04
15	KEY	1	47MK75
16	RETAINING SLEEVE	1	47MST07
17	STEEL SET SCREW	2	3/8-16 x 3/8
18	CONTROL NUT CLUTCH	1	47MST05
19	O-RING	1	225-90D Nitrile
20	BRASS SET SCREW	2	1/4 -20 x 1/2 B
21	TENSION SPRING	2	47MST16
22	3/16 x 1-1/4 HARDENED PIN	2	43MST10
23	DOG	1	47MST15
24	SETTING SLEEVE	1	47MST20
25	KEY	1	43MK2.75
26	CONTROL LATCH	1	47MST08
27	STINGER SUB BODY	1	47MST09
28	STINGER SEAL	1	47MST02
29	O-RING	1	030-90D Nitrile
30	THREAD PROTECTOR	1	47MST28
31	STINGER SUB	1	47MST12

**** - THESE ITEMS ARE SHOWN IN EXPLODED VIEWS ON 47MST SHEET 2 OF 2**

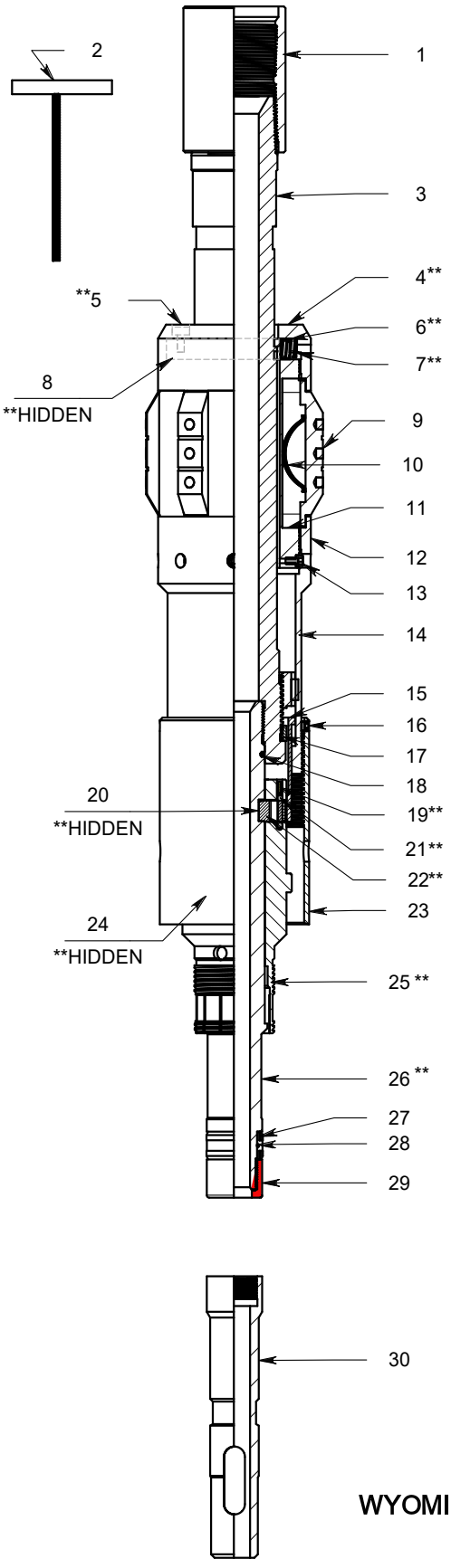
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REV 0 - 06/15/2022

7" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part #
47MST



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	COUPLER	1	27EC
2	T - HANDLE	1	47MST29
3	MANDREL	1	47MST06
4	DRAG RETAINER	1	47MST19
5	SOCKET HEAD CAP SCREW	3	5/16-18 x 3/4
6	LOCK SEGMENT	1	47MST17
7	COMPRESSION SPRING	1	47MST31
8	LOCK SEGMENT SUPPORT RING	1	47MST27
9	DRAG PAD	6	* SEE BELOW
10	DRAG PAD SPRING	48	47MST21
11	DRAG BLOCK HOUSING	1	47MST18
12	CONTROL NUT SLEEVE	1	47MST03
13	STEEL CAP SCREW	4	1/4-20 x 3/8 CAP
14	CONTROL NUT	1	47MST04
15	RETAINING SLEEVE	1	47MST07
16	SOCKET SET SCREW	2	3/8-16 x 1/4
17	CONTROL NUT CLUTCH	1	47MST05
18	O-RING	1	225-90D Nitrile
19	BRASS SET SCREW	2	1/4-20 x 1/2 B
20	TENSION SPRING	2	47MST16
21	3/16 x 1-1/4 HARDENED PIN	2	43MST10
22	DOG	1	47MST15
23	SETTING SLEEVE	1	47MST20
24	KEY	1	43MK275
25	CONTROL LATCH	1	47MST08
26	STINGER SUB BODY	1	47MST09
27	STINGER SEAL INSERT	1	47MST02
28	O-RING	1	030-90D Nitrile
29	THREAD PROTECTOR	1	47MST28
30	STINGER SUB	1	47MST12

*** SPECIFY CASING WEIGHT**
29.0 - 38.0# = DP700
26.0 - 38.0# = DP800
17.0 - 32.0# = DP900

**** THESE ITEMS ARE SHOWN IN EXPLODED VIEWS ON SHEET 2 of 2**

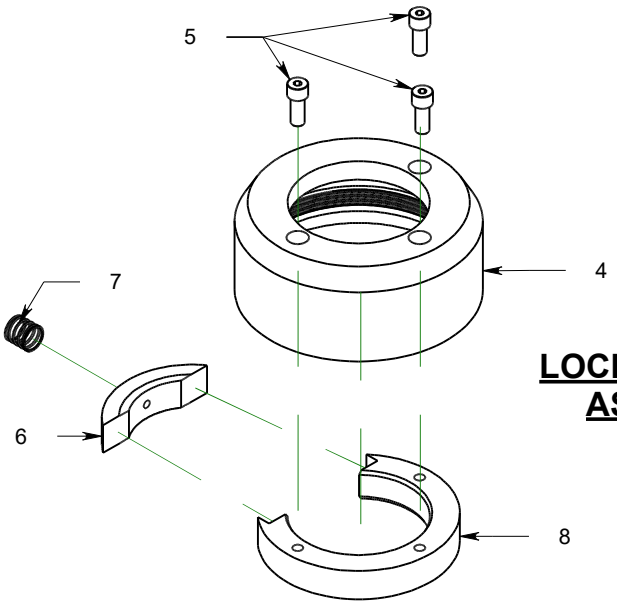
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WEIGHT	
135.1 lbs	
DATE	REV.
04/29/2026	0

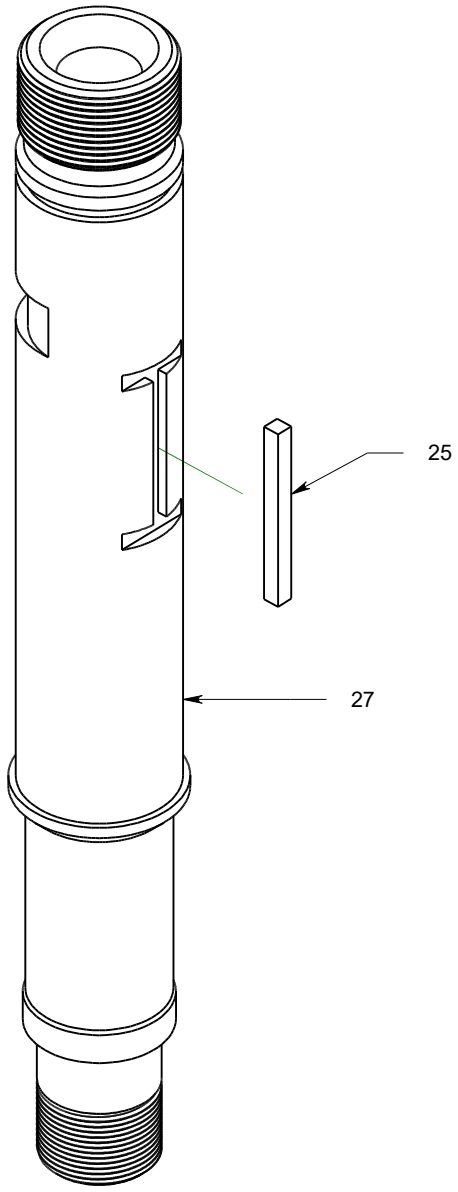
7" MECHANICAL SETTING TOOL

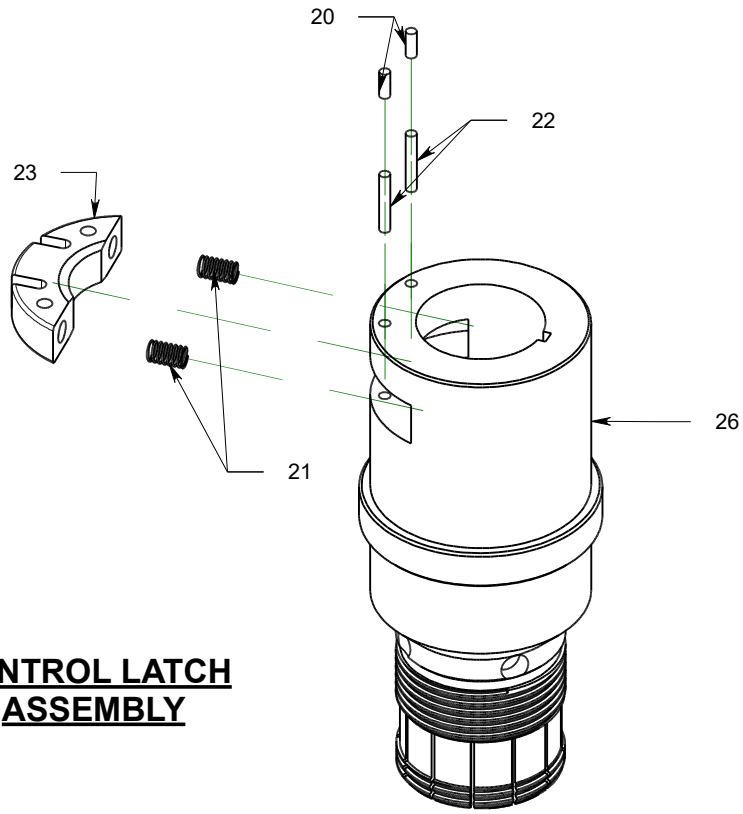
WYOMING COMPLETION TECHNOLOGIES

Part #
47MST SHEET 2 of 2



LOCK SEGMENT ASSEMBLY





CONTROL LATCH ASSEMBLY

STINGER SUB BODY ASSEMBLY

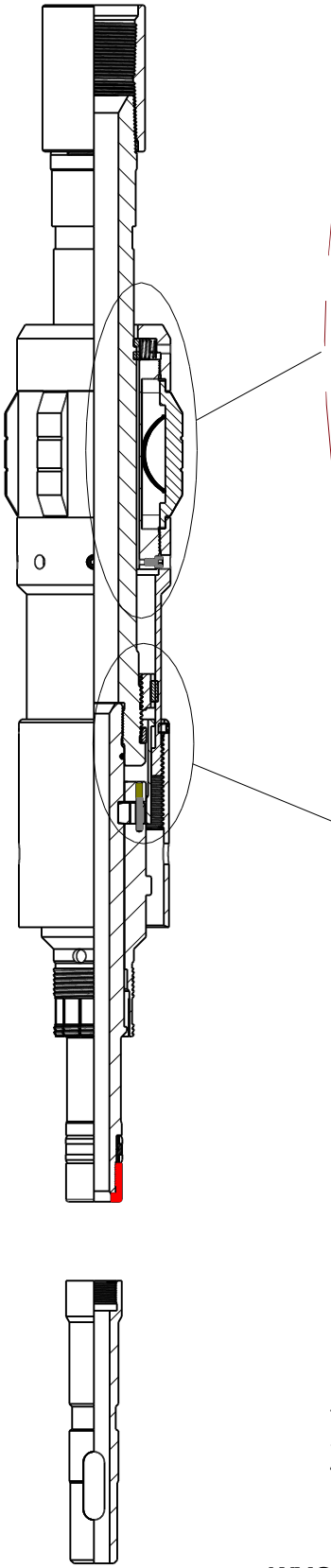
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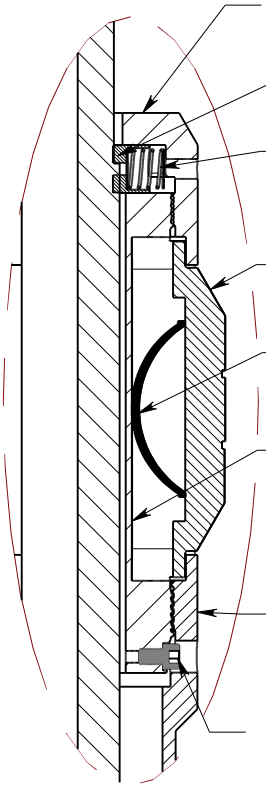
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7" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part # 47MST - SECTION DETAIL





4 - DRAG RETAINER / 47MST19

6- LOCK SEGMENT / 47MST17

7 - COMPRESSION SPRING / 47MST31

9 - DRAG PAD / *SEE NOTE BELOW

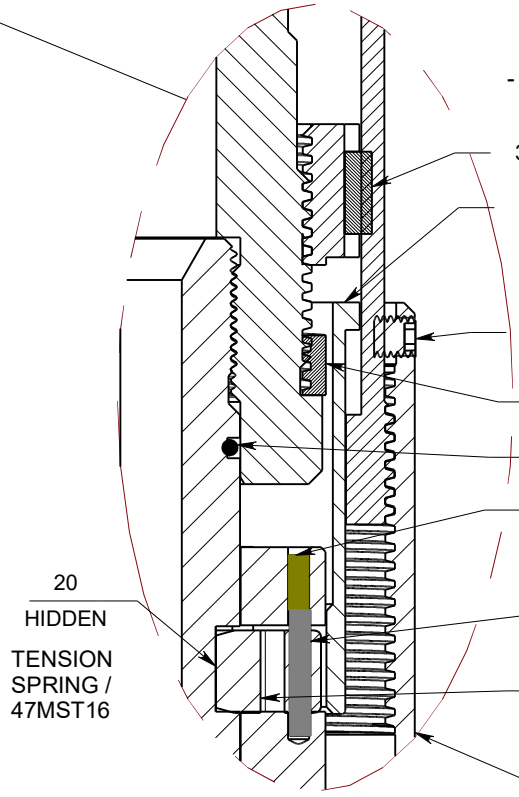
10- DRAG PAD SPRING / 47MST21

11 - DRAG BLOCK HOUSING / 47MST18

12 - CONTROL NUT SLEEVE / 47MST03

13 - SOCKET HEAD CAP SCREW / 1/4 - 20 x 3/8

NOTE:
***SPECIFY CASING RANGE:**
(17 - 32 #) USES DRAG PAD #DP900
(29 - 38 #) USES DRAG PAD #DP700



- CONTROL NUT / 47MST04

31 - KEY / 47MK.75

15 - RETAINING SLEEVE / 47MST07

16 - SET SCREW / 3/8 - 16 x 1/4

17- CONTROL NUT CLUTCH / 47MST05

18 - O-RING / 225-90D NITRILE

19 - BRASS SET SCREW / 1/4 - 20 x 1/2 B

20 HIDDEN TENSION SPRING / 47MST16

21 - PIN / 43MST10

22 - DOG / 47MST15

23 - SETTING SLEEVE / 47MST20

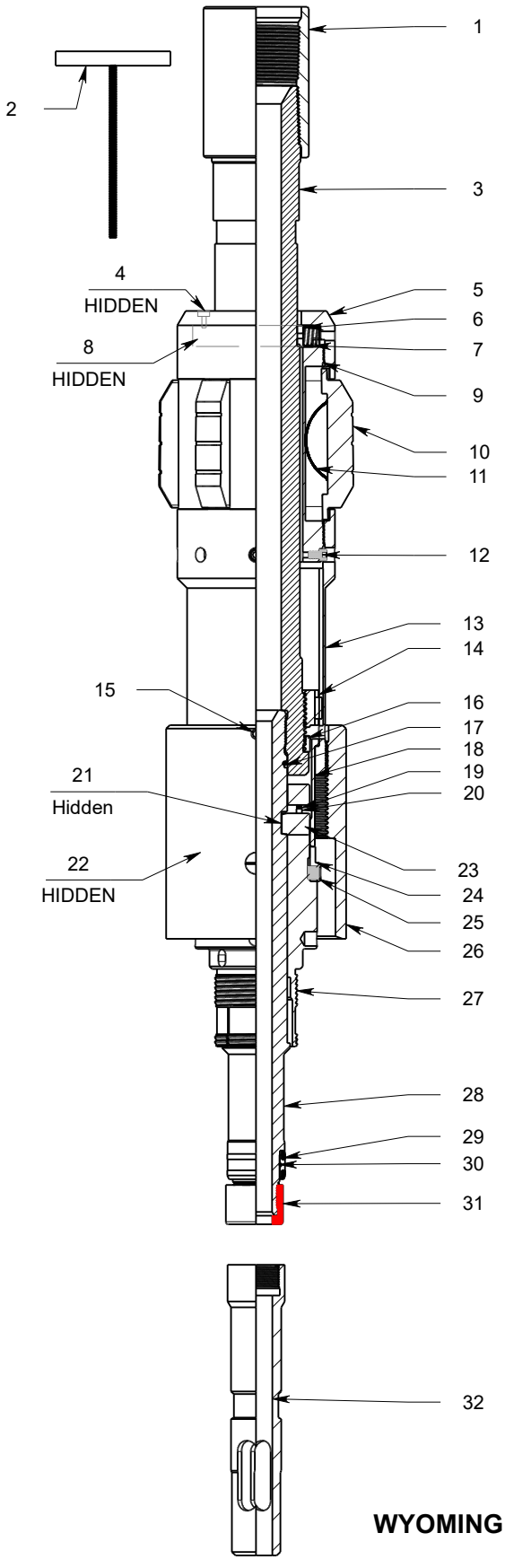
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Email: sales@wyomingcompletions.com
Website: wyomingcompletions.com

REV 0 - 06/15/2022

7-5/8" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part #
48MST



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	2-7/8" COUPLING	1	27EC
2	T - HANDLE	1	47MST29
3	MANDREL	1	47MST06
4	SOCKET HEAD CAP SCREW	3	5/16-18 x 3/4 CAP
5	DRAG RETAINER	1	47MST19
6	COMPRESSION SPRING	1	47MST31
7	LOCK SEGMENT	1	47MST17
8	LOCK SEGMENT SUPPORT RING	1	47MST27
9	DRAG BLOCK HOUSING	1	47MST18
10	DRAG PAD	6	DP900
11	DRAG PAD SPRING	48	47MST21
12	STEEL CAP SCREW	4	1/4-20 X 3/8 CAP
13	CONTROL NUT SLEEVE	1	47MST03
14	CONTROL NUT	1	47MST04
15	SOCKET SET SCREW	2	3/8-16 x 1/4
16	CONTROL NUT CLUTCH	1	47MST05
17	O-RING	1	225-90D Nitrile
18	RETAINING SLEEVE	1	47MST07
19	BRASS SET SCREW	2	1/4-20 x 1/2 B
20	3/16 x 1-1/4 HARDENED PIN	2	43MST10
21	TENSION SPRING	2	47MST16
22	KEY	1	43MK2.75
23	DOG	1	47MST15
24	SLIP ADAPTER	1	48MST22
25	SET SCREW	3	7/16-20 X 3/8
26	SETTING SLEEVE	1	48MST20
27	CONTROL LATCH	1	48MST08
28	STINGER SUB BODY	1	47MST09
29	STINGER SEAL	1	47MST02
30	O-RING	1	030-90D Nitrile
31	THREAD PROTECTOR	1	47MST28
32	STINGER SUB	1	47MST12

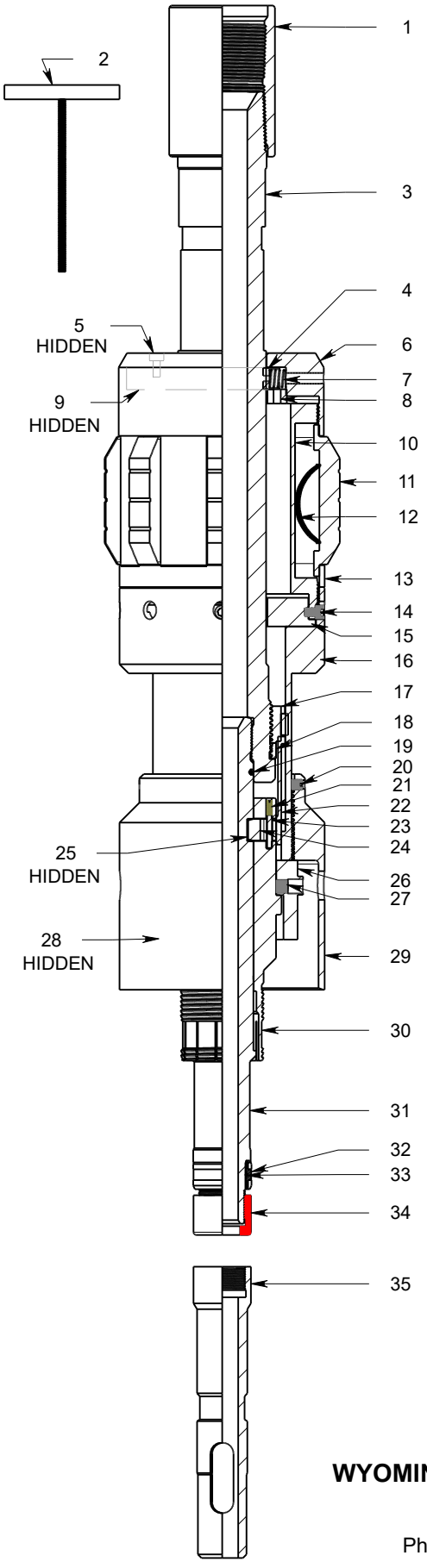
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REV 0 - 06/15/2022

8-5/8" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part #
49MST



Item #	Description	QTY	Part Name
1	2-7/8" COUPLING	1	27EC
2	T - HANDLE	1	47MST29
3	MANDREL	1	47MST06
4	LOCK SEGMENT	1	47MST17
5	SOCKET HEAD CAP SCREW	3	5/16-18 x 1-1/4 CAP
6	DRAG RETAINER	1	49MST19
7	COMPRESSION SPRING	1	47MST31
8	SEGMENT RETAINER	1	49MST23
9	LOCK SEGMENT SUPPORT RING	1	49MST27
10	DRAG BLOCK HOUSING	1	49MST18
11	DRAG PAD	8	DP800
12	DRAG PAD SPRING	40	47MST21
13	DRAG BLOCK GUIDE	1	49MST11
14	SOCKET HEAD CAP SCREW	4	5/16-18 x 3/8 CAP
15	HOUSING SUPPORT	1	49MST30
16	CONTROL NUT SLEEVE	1	49MST03
17	CONTROL NUT	1	47MST04
18	CONTROL NUT CLUTCH	1	47MST05
19	O-RING	1	225-90D Nitrile
20	STEEL SET SCREW	2	3/8-16 x 3/8
21	BRASS SET SCREW	2	1/4-20 x 1/2 B
22	RETAINING SLEEVE	1	47MST07
23	3/16 x 1-1/4 HARDENED PIN	2	43MST10
24	DOG	1	47MST15
25	TENSION SPRING	2	47MST16
26	SLIP ADAPTER	1	49MST22
27	SET SCREW	3	7/16-20 X 3/8
28	KEY	1	43MK2.75
29	SETTING SLEEVE	1	49MST20
30	CONTROL LATCH	1	47MST08
31	STINGER SUB BODY	1	47MST09
32	STINGER SEAL	1	47MST02
33	O-RING	1	030-90D Nitrile
34	THREAD PROTECTOR	1	47MST28
35	STINGER SUB	1	47MST12

*** CASING WEIGHT: (28 - 52 #)**

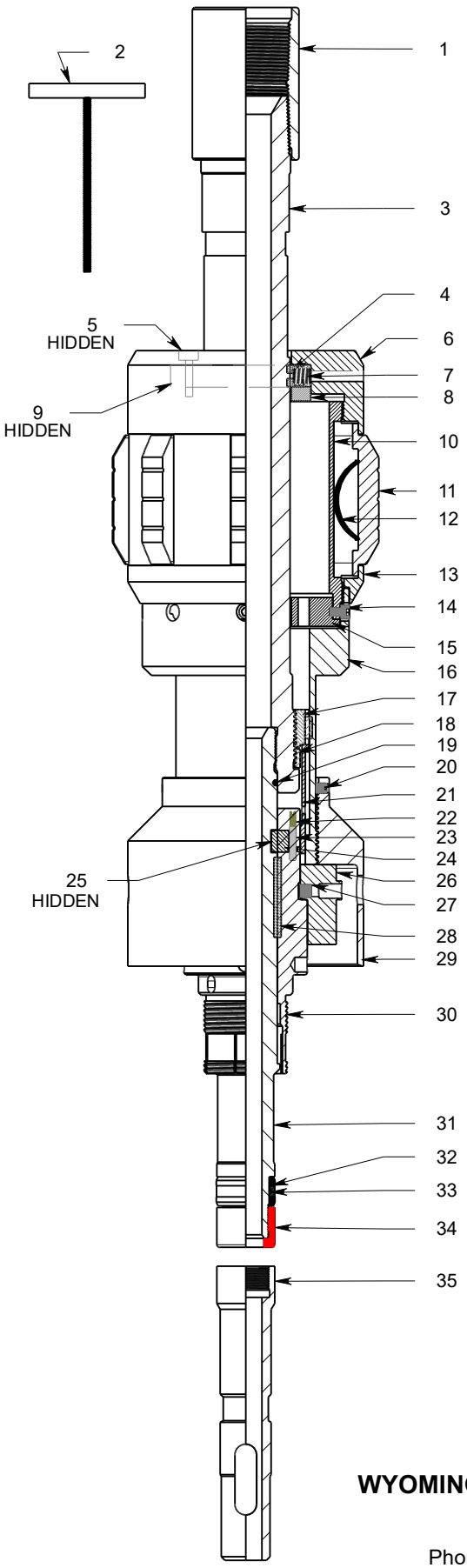
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REV 0 - 06/15/2022

9-5/8" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part #
51MST



Item #	Description	QTY	Part Name
1	2-7/8" COUPLING	1	27EC
2	T - HANDLE	1	47MST29
3	MANDREL	1	47MST06
4	LOCK SEGMENT	1	47MST17
5	SOCKET HEAD CAP SCREW	3	5/16-18 x 1-1/4 CAP
6	DRAG BLOCK RETAINER	1	51MST19
7	COMPRESSION SPRING	1	47MST31
8	SEGMENT RETAINER	1	49MST23
9	LOCK SEGMENT SUPPORT RING	1	49MST27
10	DRAG BLOCK HOUSING	1	51MST18
11	DRAG PAD	8	DP800
12	DRAG PAD SPRING	40	47MST21
13	DRAG BLOCK GUIDE	1	51MST11
14	SOCKET HEAD CAP SCREW	4	5/16-18 x 3/8 CAP
15	HOUSING SUPPORT	1	49MST30
16	CONTROL NUT SLEEVE	1	49MST03
17	CONTROL NUT	1	47MST04
18	CONTROL NUT CLUTCH	1	47MST05
19	O-RING	1	225-90D Nitrile
20	STEEL SET SCREW	2	3/8-16 x 3/8
21	RETAINING SLEEVE	1	47MST07
22	BRASS SET SCREW	2	1/4-20 x 1/2 B
23	3/16 x 1-1/4 HARDENED PIN	2	43MST10
24	DOG	1	47MST15
25	TENSION SPRING	2	47MST16
26	SLIP ADAPTER	1	51MST22
27	SET SCREW	3	7/16-20 X 3/8
28	KEY	1	43MK2.75
29	SETTING SLEEVE	1	51MST20
30	CONTROL LATCH	1	48MST08
31	STINGER SUB BODY	1	47MST09
32	STINGER SEAL	1	47MST02
33	O-RING	1	030-90D Nitrile
34	THREAD PROTECTOR	1	47MST28
35	STINGER SUB	1	47MST12

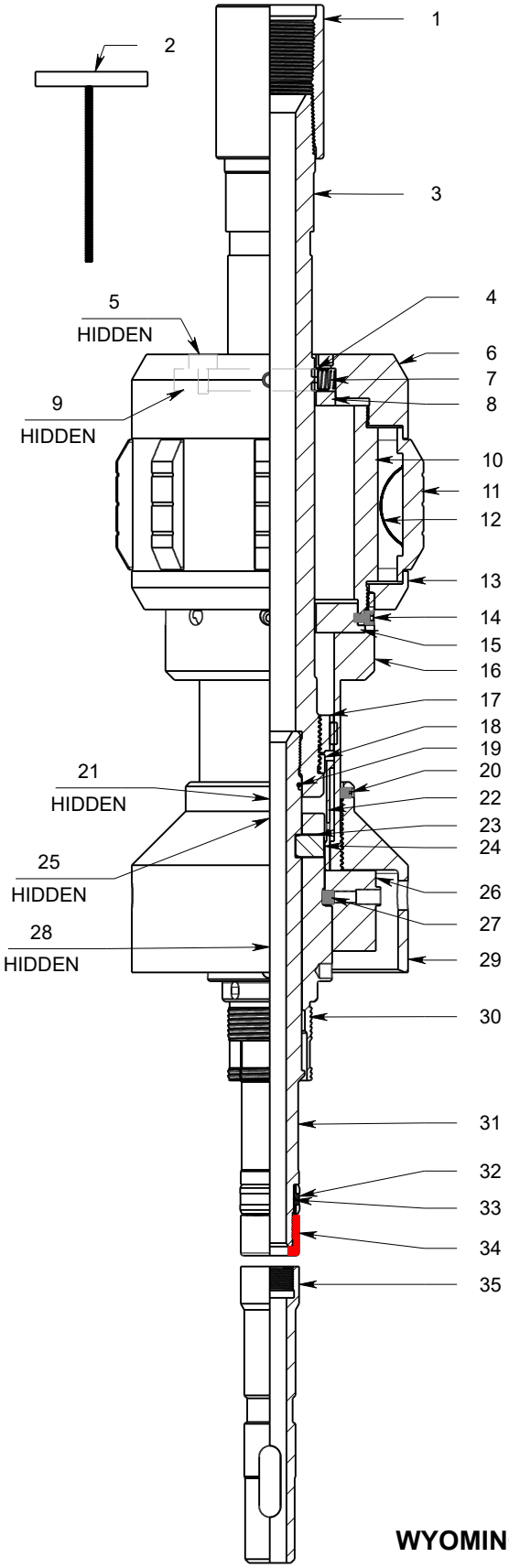
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REV 0 - 06/15/2022

10-3/4" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part #
53MST



Item #	Description	QTY	Part Name
1	2-7/8" COUPLING	1	27EC
2	T - HANDLE	1	47MST29
3	MANDREL	1	47MST06
4	LOCK SEGMENT	1	47MST17
5	SOCKET HEAD CAP SCREW	3	5/16-18 x 1-1/4 CAP
6	DRAG BLOCK RETAINER	1	53MST19
7	COMPRESSION SPRING	1	47MST31
8	SEGMENT RETAINER	1	49MST23
9	LOCK SEGMENT SUPPORT RING	1	49MST27
10	DRAG BLOCK HOUSING	1	53MST18
11	DRAG PAD	8	DP800
12	DRAG PAD SPRING	40	47MST21
13	DRAG BLOCK GUIDE	1	53MST11
14	SOCKET HEAD CAP SCREW	4	5/16-18 x 3/8 CAP
15	HOUSING SUPPORT	1	49MST30
16	CONTROL NUT SLEEVE	1	49MST03
17	CONTROL NUT	1	47MST04
18	CONTROL NUT CLUTCH	1	47MST05
19	O-RING	1	225-90D Nitrile
20	STEEL SET SCREW	2	3/8-16 x 3/8
21	BRASS SET SCREW	2	1/4-20 x 1/2 B
22	RETAINING SLEEVE	1	47MST07
23	3/16 x 1-1/4 HARDENED PIN	2	43MST10
24	DOG	1	47MST15
25	TENSION SPRING	2	47MST16
26	SLIP ADAPTER	1	53MST22
27	SET SCREW	3	7/16-20 X 3/8
28	KEY	1	43MK2.75
29	SETTING SLEEVE	1	53MST20
30	CONTROL LATCH	1	48MST08
31	STINGER SUB BODY	1	47MST09
32	STINGER SEAL	1	47MST02
33	O-RING	1	030-90D Nitrile
34	THREAD PROTECTOR	1	47MST28
35	STINGER SUB	1	47MST12

*** SPECIFY CASING WEIGHT: 51-79.2#-DP800 or 32.8-60.7#-DP900**

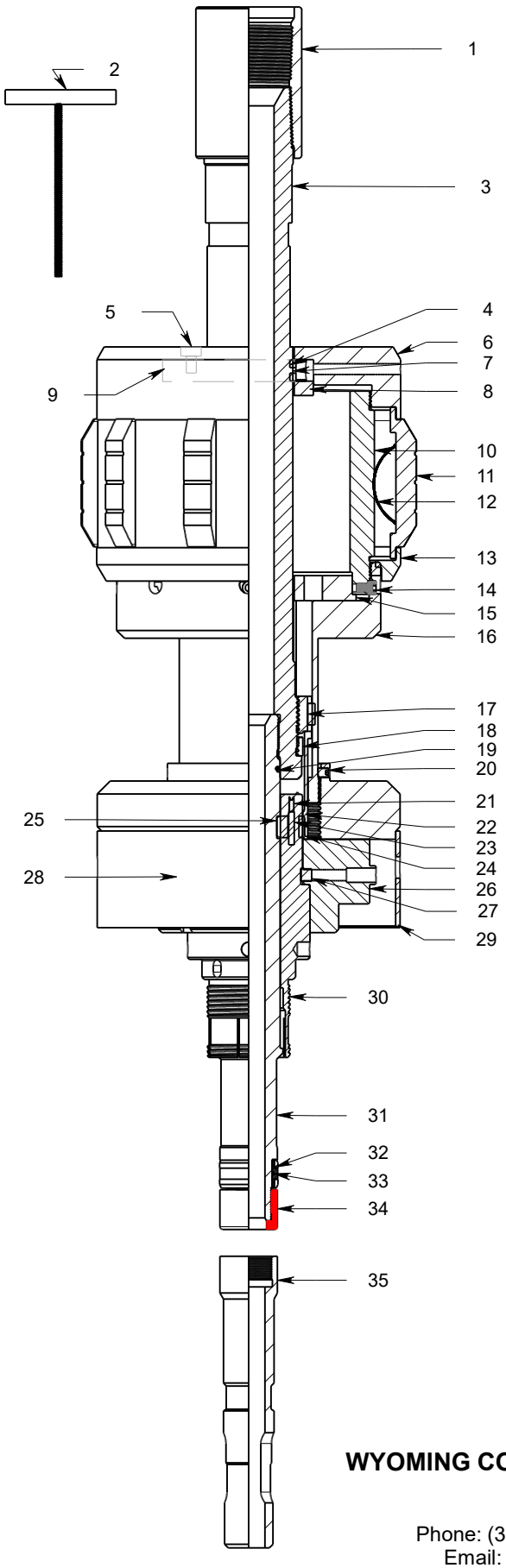
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REV 0 - 07/21/2022

11-3/4" MECHANICAL SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #
54MST



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	2-7/8" COUPLING	1	27EC
2	T - HANDLE	1	47MST29
3	MANDREL	1	47MST06
4	LOCK SEGMENT	1	47MST17
5	SOCKET HEAD CAP SCREW	3	5/16-18 x 1 CAP
6	DRAG BLOCK RETAINER	1	54MST19
7	COMPRESSION SPRING	1	47MST31
8	SEGMENT RETAINER	1	49MST23
9	LOCK SEGMENT SUPPORT RING	1	47MST27
10	DRAG BLOCK HOUSING	1	54MST18
11	DRAG PAD	10	DP800
12	DRAG PAD SPRING	80	47MST21
13	DRAG BLOCK GUIDE	1	54MST11
14	SOCKET HEAD CAP SCREW	4	5/16-18 x 3/8 CAP
15	HOUSING SUPPORT	1	54MST30
16	CONTROL NUT SLEEVE	1	54MST03
17	CONTROL NUT	1	47MST04
18	CONTROL NUT CLUTCH	1	47MST05
19	O-RING	1	225-90D Nitrile
20	STEEL SET SCREW	2	3/8-16 x 3/8
21	BRASS SET SCREW	2	1/4-20 x 1/2 B
22	RETAINING SLEEVE	1	47MST07
23	3/16 x 1-1/4 HARDENED PIN	2	43MST10
24	DOG	1	47MST15
25	TENSION SPRING	2	47MST16
26	SLIP ADAPTER	1	54MST22
27	SET SCREW	4	7/16-20 X 3/8
28	KEY	1	43MK2.75
29	SETTING SLEEVE	1	54MST20
30	CONTROL LATCH	1	48MST08
31	STINGER SUB BODY	1	47MST09
32	STINGER SEAL	1	47MST02
33	O-RING	1	030-90D Nitrile
34	THREAD PROTECTOR	1	47MST28
35	STINGER SUB	1	47MST12

*** SPECIFY CASING WEIGHT: 60-83# (54MST-A1) - DP800**
38-65# (54MST-A2) - DP900

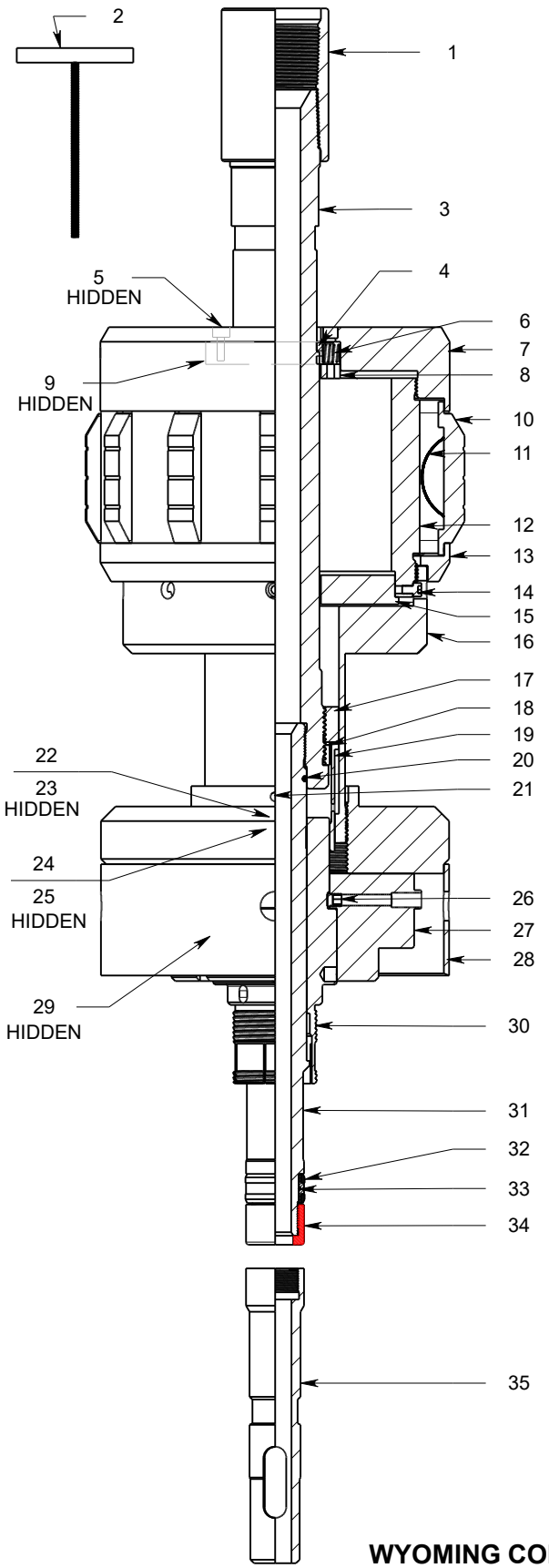
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REV 0 - 08/08/2022

13-3/8" MECHANICAL SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #
55MST



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	2-7/8" COUPLING	1	27EC
2	T - HANDLE	1	47MST29
3	MANDREL	1	47MST06
4	LOCK SEGMENT	1	47MST17
5	SOCKET HEAD CAP SCREW	3	5/16-18 x 1-1/4 CAP
6	COMPRESSION SPRING	1	47MST31
7	DRAG BLOCK RETAINER	1	55MST19
8	SEGMENT RETAINER	1	49MST23
9	LOCK SEGMENT SUPPORT RIN	1	47MST27
10	DRAG PAD	12	DP800
11	DRAG PAD SPRING	96	47MST21
12	DRAG BLOCK HOUSING	1	55MST18
13	DRAG BLOCK GUIDE	1	55MST11
14	SOCKET HEAD CAP SCREW	4	5/16-18 x 3/8 CAP
15	HOUSING SUPPORT	1	55MST30
16	CONTROL SLEEVE	1	55MST03
17	CONTROL NUT	1	47MST04
18	CONTROL NUT CLUTCH	1	47MST05
19	RETAINING SLEEVE	1	47MST07
20	O-RING	1	225-90D Nitrile
21	SET SCREW	2	3/8 x 16 x 3/8
22	BRASS SET SCREW	2	1/4-20 x 1/2 B
23	3/16 x 1-1/4 HARDENED PIN	2	43MST10
24	TENSION SPRING	2	47MST16
25	DOG	1	47MST15
26	Set Screw	6	7/16-20 x 3/8
27	SLIP ADAPTER	1	55MST22
28	SETTING SLEEVE	1	55MST20
29	KEY	1	43MK2.75
30	CONTROL LATCH	1	48MST08
31	STINGER SUB BODY	1	47MST09
32	STINGER SEAL	1	47MST02
33	O-RING	1	030-90D Nitrile
34	THREAD PROTECTOR	1	47MST28
35	STINGER SUB	1	47MST12

*** SPECIFY CASING WEIGHT: 77-102#-DP800 or 48-72# - DP900**

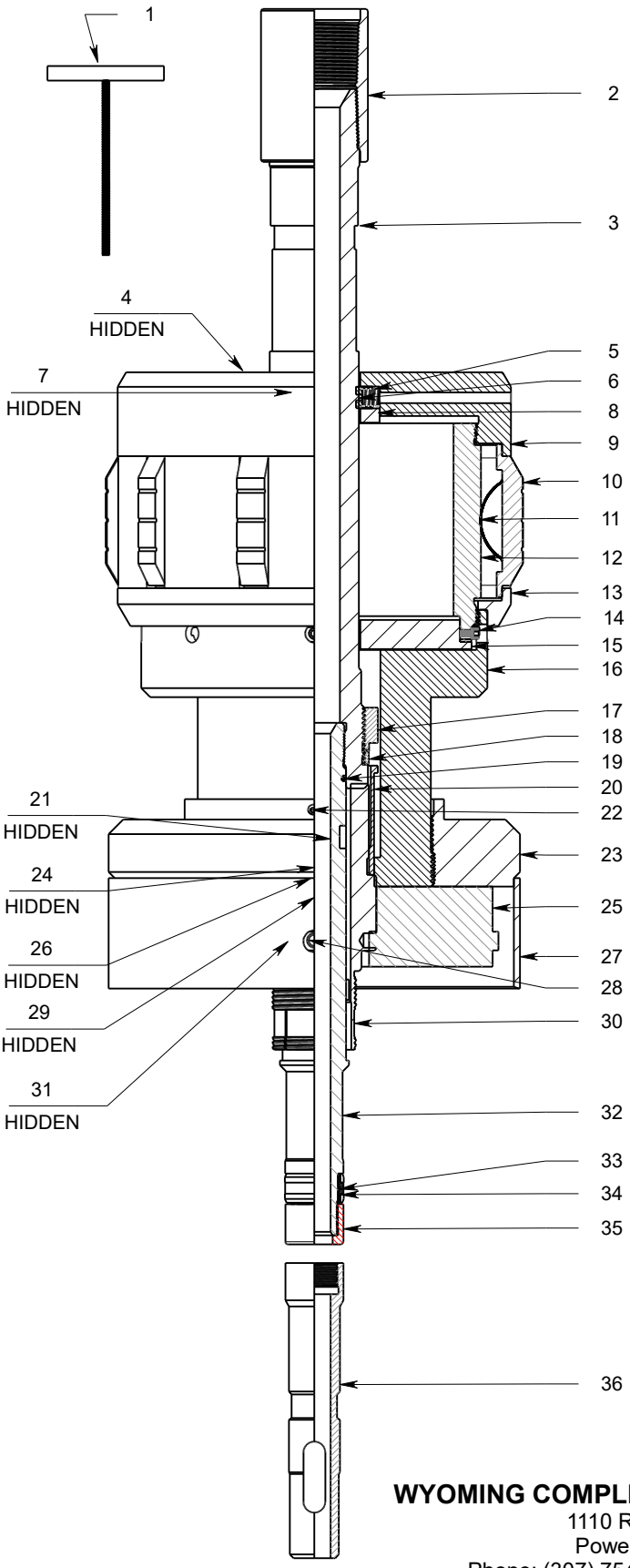
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REV 0 - 07/21/2022

16" MECHANICAL SETTING TOOL - DRAG BLOCK

WYOMING COMPLETION TECHNOLOGIES

Part #
57MST



PARTS & ASSEMBLY

Item #	Description	Qty.	Part Name
1	T - HANDLE	1	47MST29
2	2-7/8" COUPLING	1	27EC
3	MANDREL	1	47MST06
4	SOCKET HEAD CAP SCREW	3	5/16-18 x 3/8 CAP
5	COMPRESSION SPRING	1	47MST31
6	LOCK SEGMENT	1	47MST17
7	SEGMENT SUPPORT RING	1	49MST27
8	SEGMENT RETAINER	1	49MST23
9	DRAG BLOCK RETAINER	1	57MST19
10	DRAG PAD	10	DP800
11	DRAG PAD SPRING	80	47MST21
12	DRAG BLOCK HOUSING	1	57MST18
13	DRAG BLOCK GUIDE	1	57MST11
14	STEEL CAP SCREW	4	1/4-20 X 3/8 CAP
15	HOUSING SUPPORT	1	57MST30
16	CONTROL NUT SLEEVE	1	57MST03
17	CONTROL NUT	1	47MST04
18	CONTROL NUT CLUTCH	1	47MST05
19	O-RING	1	225-90D Nitrile
20	RETAINING SLEEVE	1	47MST07
21	TENSION SPRING	2	47MST16
22	STEEL SET SCREW	2	3/8-16 x 3/8
23	SETTING SLEEVE/ BASE	1	57MST20-1
24	BRASS SET SCREW	2	1/4-20 x 1/2 B
25	SLIP ADAPTER	1	57MST22
26	DOG	1	47MST15
27	SETTING SLEEVE/ RING	1	57MST20
28	SET SCREW	3	7/16-20 X 3/8
29	3/16 x 1-1/4 HARDENED PIN	2	43MST10
30	CONTROL LATCH	1	48MST08
31	KEY	1	43MK2.75
32	STINGER SUB BODY	1	47MST09
33	O-RING	1	030-90D Nitrile
34	STINGER SEAL	1	47MST02
35	THREAD PROTECTOR	1	47MST28
36	STINGER SUB	1	47MST12

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REV 2 - 05/25/2022

MECHANICAL SETTING TOOL
BOW SPRING



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Bow Spring Mechanical Setting Tool is a dependable tool for setting cement retainers and cast-iron bridge plugs. With a built-in snap latch and stinger seal, these tools will latch into a retainer with set-down weight and release with up-strain or right-hand turn.

FEATURES/BENEFITS

- Built-in stinger for setting cement retainers
- Bow Spring Centralizer
- Set with right-hand rotation
- Simple alteration for setting bridge plugs
- Latch with set-down weight
- Release with right-hand rotation and up-strain

TECHNICAL DATA

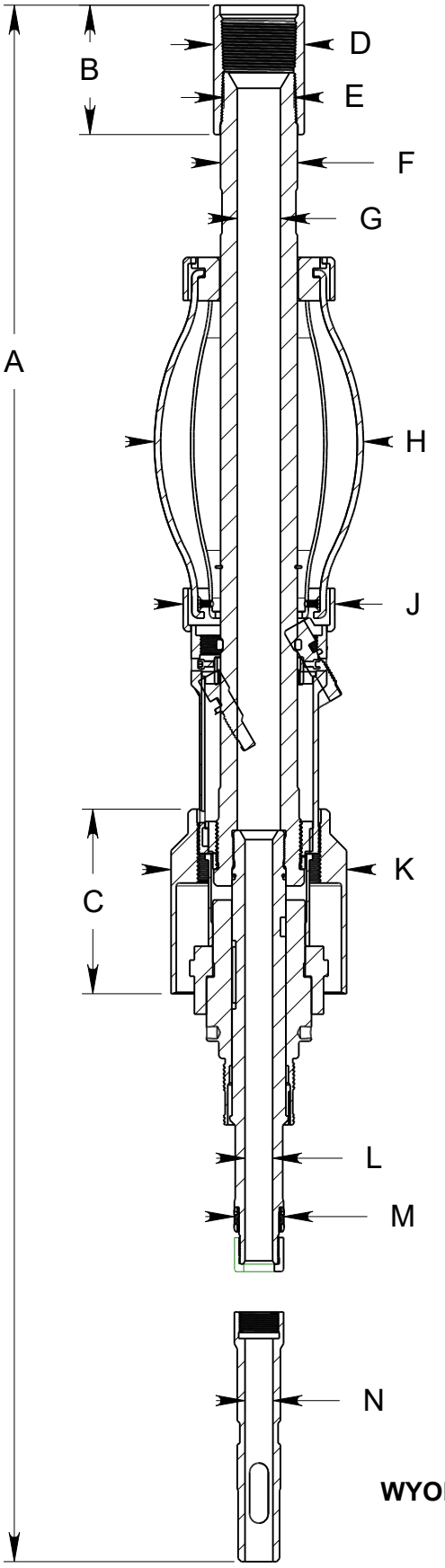
PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches/*mm*	Inches/*mm*	Inches/*mm*	Lb/Ft - *Kg/m*	Inches/*mm*
43MST-B	4-1/2 *114.30*	4.09 *103.89*	3.92 *99.57*	9.5 – 13.5 *14.1 – 20.1*	3.62 *91.95*
44MST-B	5 *127.00*	4.56 *115.82*	4.16 *105.66*	11.5 – 20.8 *17.1 – 31.0*	3.62 *91.95*
45MST-B	5-1/2 *139.70*	5.04 *128.02*	4.67 *118.62*	13 – 23 *19.3 – 34.2*	4.38 *111.13*
60MST-B	6 *152.40*	5.35 *135.89*	5.24 *133.10*	20 – 22.8 *29.76 – 33.93*	5.11 *129.79*
46MST-B	6-5/8 *168.28*	6.14 *155.96*	5.68 *144.27*	17 – 32 *25.3 – 47.6*	5.50 *139.70*
47MST-B	7 *177.80*	6.54 *166.12*	6.00 *152.40*	17 – 35 *25.3 – 52.1*	5.50 *139.70*
48MST-B	7-5/8 *193.68*	7.13 *181.10*	6.63 *168.40*	20 – 39 *29.8 – 58.0*	5.88 *149.35*
49MST-B	8-5/8 *219.08*	8.10 *205.74*	7.51 *190.75*	24 – 49 *35.7 – 72.9*	7.12 *180.85*
51MST-B	9-5/8 *244.48*	9.06 *230.12*	8.44 *214.38*	29.3 – 58.4 *43.6 – 86.9*	8.12 *206.25*
53MST-B	10-3/4 *273.05*	10.19 *258.83*	9.66 *245.36*	32.75 – 60.7 *48.7 – 90.3*	9.44 *239.70*
54MST-B1	11-3/4 *298.45*	11.15 *283.21*	10.77 *273.56*	38 – 60 *56.5 – 89.3*	10.43 *264.92*
54MST-B2	11-3/4 *298.45*	10.77 *273.56*	10.34 *262.64*	60 – 83 *89.3 – 123.5*	9.94 *252.48*
55MST-B	13-3/8 *339.73*	12.72 *322.96*	12.22 *310.39*	48 – 80.7 *71.4 – 120.1*	11.96 *303.78*
57MST-B	16 *406.40*	14.87 *377.65*	14.42 *366.38*	95 - 128 *141.38 - 190.49*	14.13 *358.78*

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MECHANICAL SETTING TOOL - BOW SPRING L&D

WYOMING COMPLETION TECHNOLOGIES

Part #
4-1/2" - 16" MST-B



MECHANICAL SETTING TOOL - BOW SPRING LENGTHS & DIAMETERS

PRODUCT #	TOOL SIZE inches/ mm	MEASUREMENT												
		A	B	C	D	E	F	G	H	J	K	L	M	N
43MST-B	4-1/2" 114.3	55.65	5.75	7.06	3.06	1.68	1.92	1.00	5.25	3.62	3.62	.88	1.34	.88
44MST-B	5" 127.0	55.65	5.75	7.06	3.06	1.68	1.92	1.00	5.25	3.62	3.62	.88	1.34	.88
45MST-B	5-1/2" 139.7	55.65	5.75	7.06	3.06	1.68	1.92	1.00	6.16	3.62	4.38	.88	1.34	.88
47MST-B	7" 177.8	60.70	5.25	7.43	3.67	2.81	3.12	1.75	8.80	5.49	5.37	1.12	1.99	1.13
48MST-B	7-5/8" 193.7	60.70	5.25	7.50	3.67	2.81	3.12	1.75	9.14	5.49	6.27	1.12	1.99	1.13
49MST-B	8-5/8" 219.1	60.14	5.25	6.50	3.67	2.81	3.12	1.75	8.48	6.15	7.12	1.12	1.99	1.13
51MST-B	9-5/8" 244.5	60.38	5.25	6.50	3.67	2.81	3.12	1.75	9.50	7.15	8.12	1.12	1.99	1.13
53MST-B	10-3/4" 273.1	60.75	5.25	6.50	3.67	2.81	3.12	1.75	10.65	8.25	9.44	1.12	1.99	1.13
54MST-B1 (38 - 60 #)	11-3/4" 298.5	60.34	5.25	6.50	3.67	2.81	3.12	1.75	11.60	9.25	10.43	1.12	1.99	1.13
54MST-B2 (60 - 83 #)	11-3/4" 339.8	60.34	5.25	6.50	3.67	2.81	3.12	1.75	11.60	9.25	9.94	1.12	1.99	1.13
55MST-B	13-3/8" 406.4	60.23	5.25	6.50	3.67	2.81	3.12	1.75	13.41	10.63	11.96	1.12	1.99	1.13
57MST-B	16" 406.4	60.23	5.25	6.50	3.67	2.81	3.12	1.75	16.51	14.13	11.96	1.12	1.99	1.13

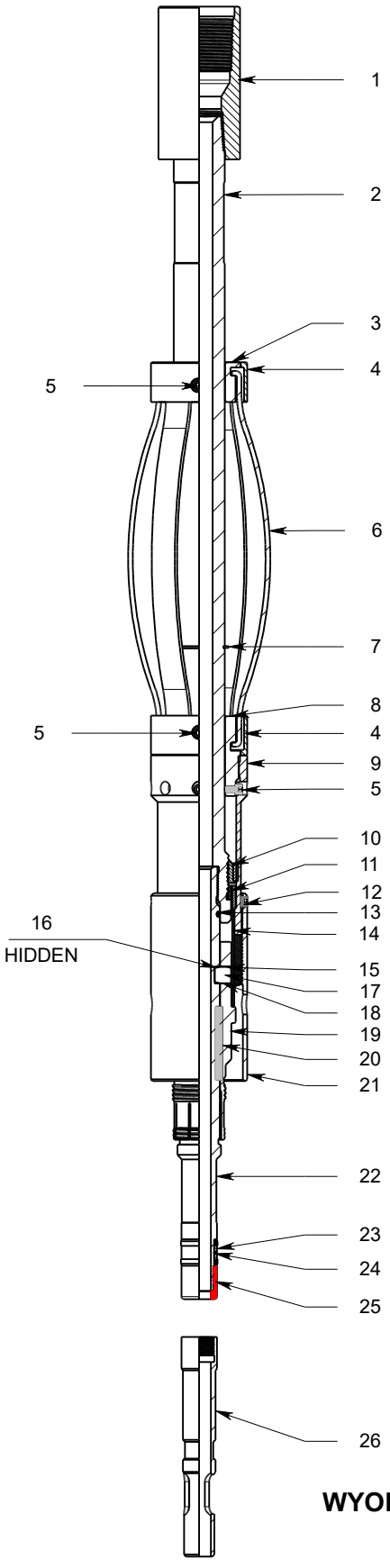
WYOMING COMPLETION TECHNOLOGIES, INC.
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REV 0 - 06/15/2022

4-1/2" & 5" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
43MST-B & 44MST-B



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	COUPLER	1	19NU23EU
2	MANDREL	1	43MST01-B
3	UPPER DRAG BODY	1	43MST02-B
4	BOW SPRING RETAINER	2	43MST04-B
5	SOCKET HEAD CAP SCREW	10	1/4-20 x 3/8 CAP
6	BOW SPRING (10)	6	43MST06-B
7	SNAP RING	1	43MST07-B
8	LOWER DRAG BODY	1	43MST03-B
9	CONTROL NUT SLEEVE	1	43MST03
10	CONTROL NUT	1	43MST04
11	CONTROL NUT CLUTCH	1	43MST05
12	SOCKET SET SCREW	2	3/8-16 x 1/4
13	O-RING	1	219-90D Nitrile
14	RETAINING SLEEVE	1	43MST07
15	BRASS SET SCREW	2	1/4-20 x 1/2 B
16	COMPRESSION SPRING	2	43MST16
17	DOG	1	43MST15
18	3/16 x 1-1/4 HARDENED PIN	2	43MST10
19	CONTROL LATCH	1	43MST08
20	KEY	1	43MK2-3/4
21	SETTING SLEEVE	1	43MST20
22	STINGER SUB BODY	1	43MST09
23	STINGER SEAL	1	43MST02
24	O-RING	1	024-90D Nitrile
25	THREAD PROTECTOR	1	43MST25
26	STINGER SUB	1	43MST12

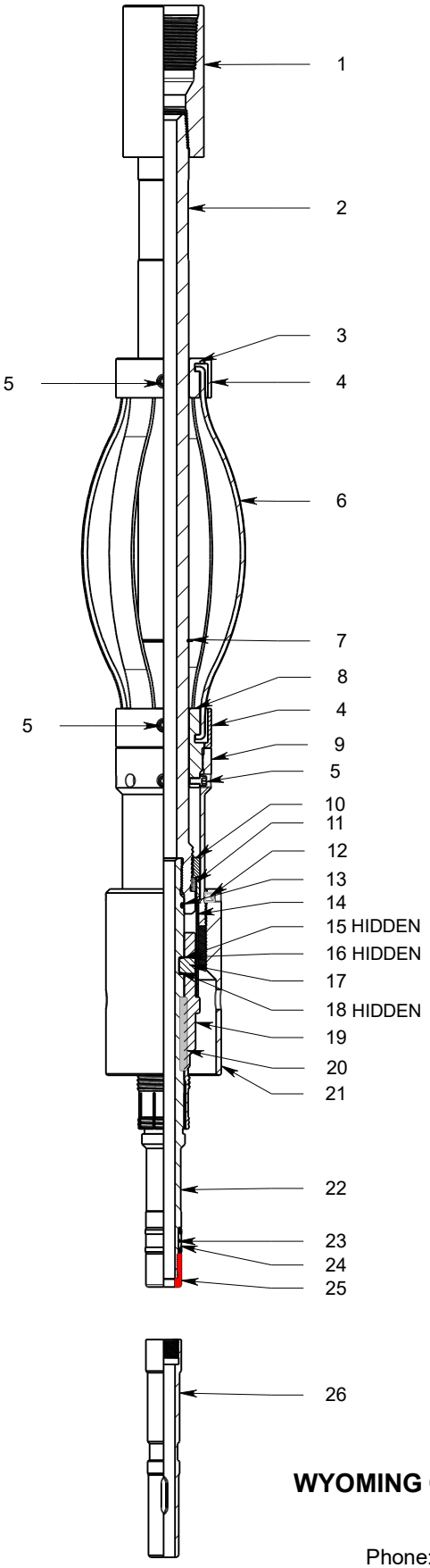
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Phone: (307) 754-5429 * Fax: (307) 754-5927
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DATE	REV.
06/15/2022	0

5-1/2" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
45MST-B



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	COUPLER	1	19NU23EU
2	MANDREL	1	43MST01-B
3	UPPER DRAG BODY	1	43MST02-B
4	BOW SPRING RETAINER	2	43MST04-B
5	SOCKET HEAD CAP SCREW	10	1/4-20 x 3/8 CAP
6	BOW SPRING (20)	6	45MST06-B
7	SNAP RING	1	43MST07-B
8	LOWER DRAG BODY	1	43MST03-B
9	CONTROL NUT SLEEVE	1	43MST03
10	CONTROL NUT	1	43MST04
11	CONTROL NUT CLUTCH	1	43MST05
12	STEEL SET SCREW	2	3/8-16 x 3/8
13	O-RING	1	219-90D Nitrile
14	RETAINING SLEEVE	1	43MST07
15	BRASS SET SCREW	2	1/4-20 x 1/2 B
16	3/16 x 1-1/4 HARDENED PIN	2	43MST10
17	DOG	1	43MST15
18	COMPRESSION SPRING	2	43MST16
19	CONTROL LATCH	1	43MST08
20	KEY	1	43MK2-3/4
21	SETTING SLEEVE	1	45MST20
22	STINGER SUB BODY	1	43MST09
23	O-RING	1	024-90D Nitrile
24	STINGER SEAL	1	43MST02
25	THREAD PROTECTOR	1	43MST25
26	STINGER SUB	1	43MST12

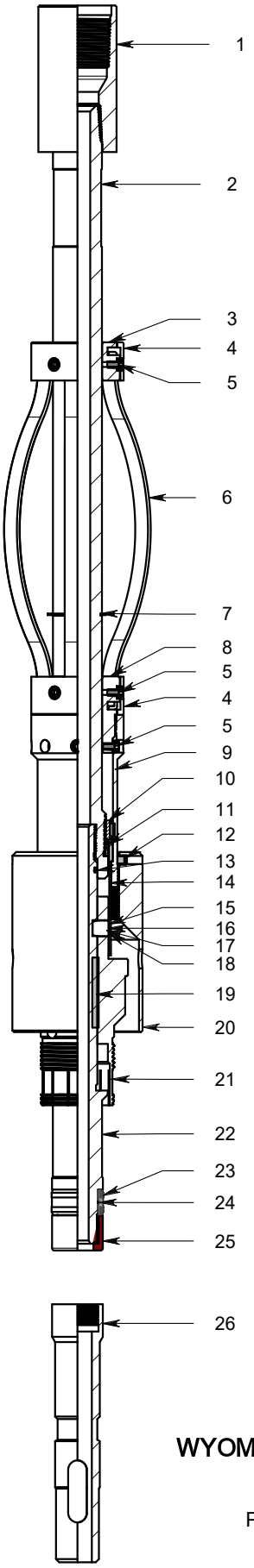
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DATE	REV.
06/15/2022	0

6" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
60MST-B



PARTS & ASSEMBLY

Item #	Description	QTY	Part Number
1	COUPLER	1	19NU23EU
2	MANDREL	1	43MST01-B
3	UPPER DRAG BODY	1	43MST02-B
4	BOW SPRING RETAINER	2	43MST04-B
5	STEEL CAP SCREW	10	1/4-20 X 3/8 CAP
6	BOW SPRING (20)	6	45MST06-B
7	SNAP RING	1	43MST07-B
8	LOWER DRAG BODY	1	43MST03-B
9	CONTROL NUT SLEEVE	1	43MST03
10	CONTROL NUT	1	43MST04
11	CONTROL NUT CLUTCH	1	43MST05
12	STEEL SET SCREW	2	3/8-16 x 3/8
13	O-RING	1	219-90D Nitrile
14	RETAINING SLEEVE	1	43MST07
15	BRASS SET SCREW	2	1/4-20 x 1/2 B
16	3/16 x 1-1/4 HARDENED PIN	2	43MST10
17	DOG	1	43MST15
18	COMPRESSION SPRING	2	43MST16
19	KEY	1	43MK275
20	SETTING SLEEVE	1	60MST20
21	CONTROL LATCH	1	60MST08
22	STINGER SUB BODY	1	60MST09
23	STINGER SEAL-RUBBER	2	47MST02R
24	O-RING	1	030-90D Nitrile
25	THREAD PROTECTOR	1	47MST28
26	STINGER SUB	1	47MST12

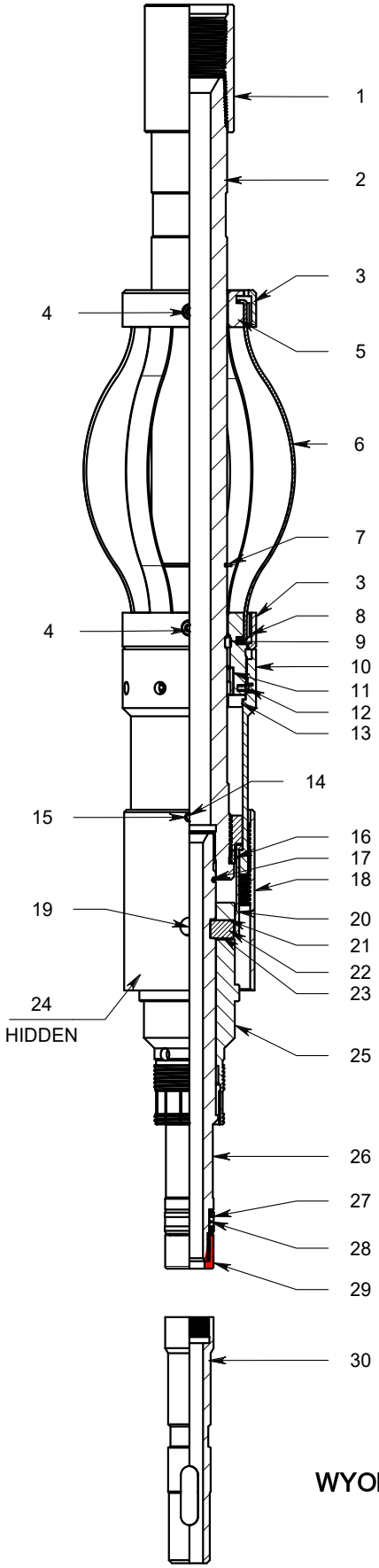
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WEIGHT	
72.82 lbs	
DATE	REV.
08/29/2022	0

6-5/8" & 7" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
46MST-B & 47MST-B



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	47MST01-B
3	BOW SPRING RETAINER	2	47MST04-B
4	STEEL CAP SCREW	6	5/16-18 x 1/2 CAP
5	UPPER DRAG BODY	1	47MST02-B
6	BOW SPRING (30)	6	47MST06-B
7	SNAP RING	1	47MST07-B
8	LOWER DRAG BODY	1	47MST03-B
9	RETAINING RING	1	47MST33-B
10	CONTROL NUT SLEEVE	1	47MST03
11	DRAG COLLAR INSERT	1	47MST38-B
12	STEEL CAP SCREW	4	1/4-20 x 3/8 CAP
13	HOUSING SUPPORT	1	47MST05-B
14	CONTROL NUT	1	47MST04
15	SOCKET SET SCREW	2	3/8-16 x 1/4
16	CONTROL NUT CLUTCH	1	47MST05
17	O-RING	1	225-90D Nitrile
18	SETTING SLEEVE	1	47MST20
19	BRASS SET SCREW	2	1/4-20 x 1/2 B
20	RETAINING SLEEVE	1	47MST07
21	3/16 x 1-1/4 HARDENED PIN	2	43MST10
22	DOG	1	47MST15
23	TENSION SPRING	2	47MST16
24	KEY	1	43MK2-3/4
25	CONTROL LATCH	1	47MST08
26	STINGER SUB BODY	1	47MST09
27	STINGER SEAL INSERT	1	47MST02
28	O-RING	1	030-90D Nitrile
29	THREAD PROTECTOR	1	47MST28
30	STINGER SUB	1	47MST12

*** BOW SPRING SIZES:**
47MST-B USES PART #47MST06-B (30)
46MST-B USES PART #45MST06-B (20)

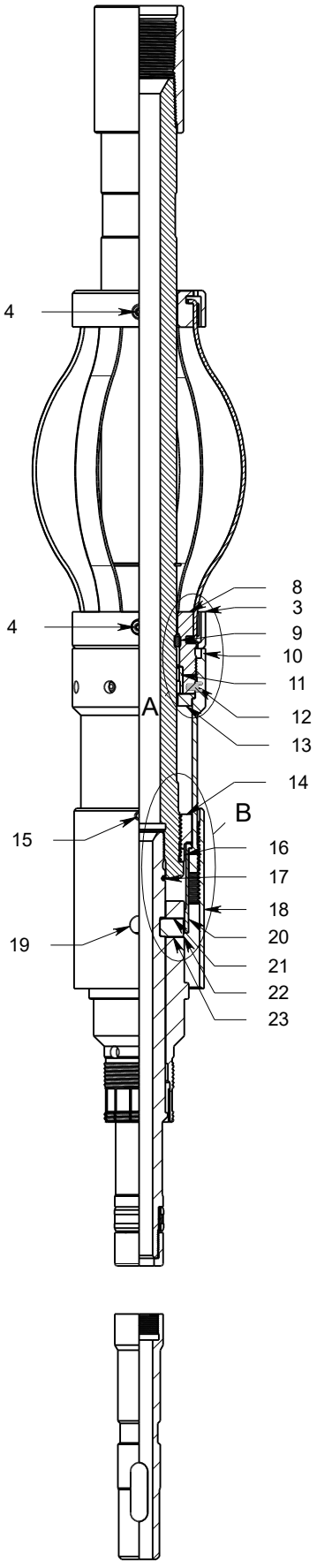
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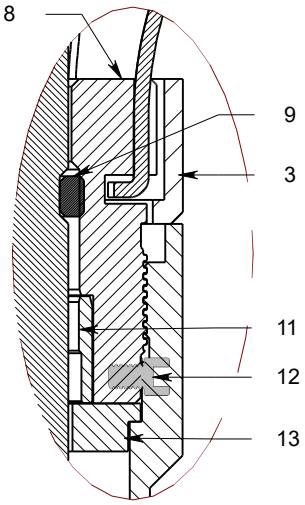
WEIGHT	
126.37 lbs	
DATE	REV.
10/06/2023	1

6-5/8" & 7" MECHANICAL SETTING TOOL - BOW SPRING

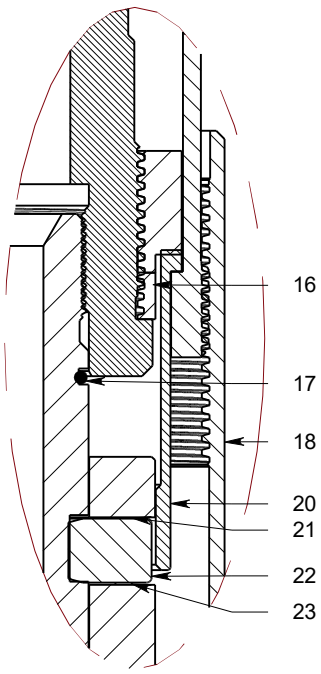
WYOMING COMPLETION TECHNOLOGIES

Part #
46MST-B & 47MST-B





Detail A



Detail B

PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	47MST01-B
3	BOW SPRING RETAINER	2	47MST04-B
4	STEEL CAP SCREW	6	516-18 x 1/2 CAP
5	UPPER DRAG BODY	1	47MST02-B
6	BOW SPRING (30)	6	47MST06-B
7	SNAP RING	1	47MST07-B
8	LOWER DRAG BODY	1	47MST03-B
9	RETAINING RING	1	47MST33-B
10	CONTROL NUT SLEEVE	1	47MST03
11	DRAG COLLAR INSERT	1	47MST38-B
12	STEEL CAP SCREW	4	1/4-20 X 3/8 CAP
13	HOUSING SUPPORT	1	47MST05-B
14	CONTROL NUT	1	47MST04
15	SOCKET SET SCREW	2	3/8-16 x 1/4
16	CONTROL NUT CLUTCH	1	47MST05
17	O-RING	1	225-90D Nitrile
18	SETTING SLEEVE	1	47MST20
19	BRASS SET SCREW	2	1/4-20 x 1/2 B
20	RETAINING SLEEVE	1	47MST07
21	3/16 x 1-1/4 HARDENED PIN	2	43MST10
22	DOG	1	47MST15
23	TENSION SPRING	2	47MST16
24	KEY	1	43MK2-3/4
25	CONTROL LATCH	1	47MST08
26	STINGER SUB BODY	1	47MST09
27	STINGER SEAL	1	47MST02
28	O-RING	1	030-90D Nitrile
29	THREAD PROTECTOR	1	47MST28
30	STINGER SUB	1	47MST12

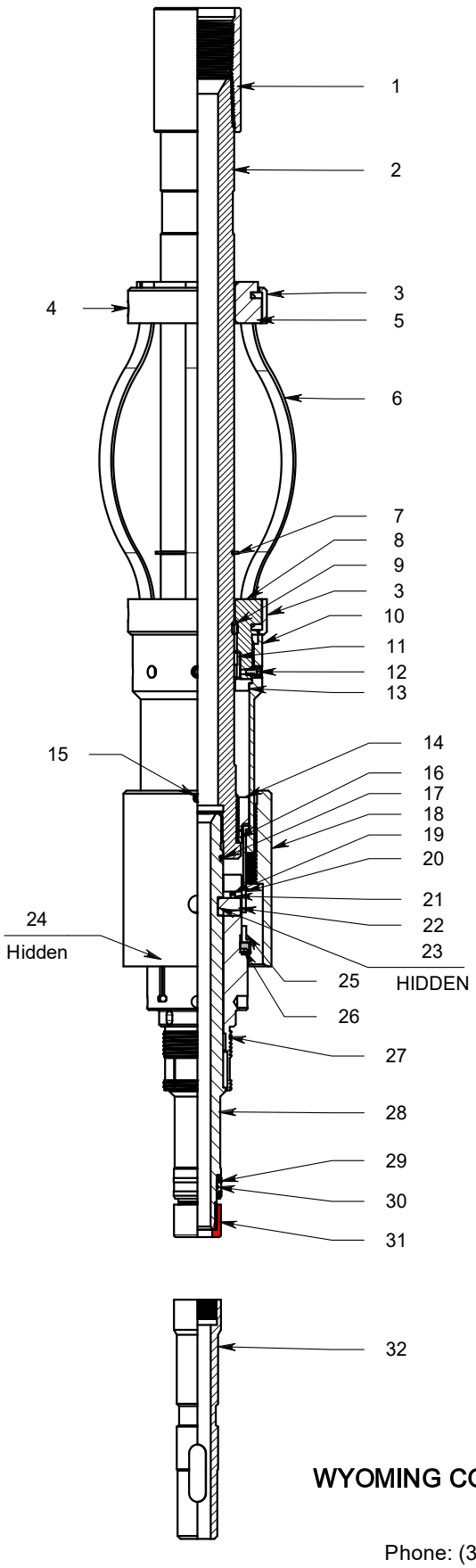
*** BOW SPRING SIZES:**
47MST-B USES PART #47MST06-B (30)
46MST-B USES PART #45MST06-B (20)

DRAWN BY:	DATE	WEIGHT	
	12/13/2022	126.37 lbs	
APPROVED BY:	DATE	LAST MOD.	REV.
kkw	10/06/2023	10/06/2023	1

7-5/8" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
48MST-B



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	47MST01-B
3	BOW SPRING RETAINER	2	48MST04-B
4	STEEL CAP SCREW	6	5/16-18 x 1/2 CAP
5	UPPER DRAG BODY	1	48MST02-B
6	BOW SPRING (30)	6	47MST06-B
7	SNAP RING	1	47MST07-B
8	LOWER DRAG BODY	1	48MST03-B
9	RETAINING RING	1	47MST33-B
10	CONTROL NUT SLEEVE	1	47MST03
11	DRAG COLLAR INSERT	1	47MST38-B
12	STEEL CAP SCREW	4	1/4-20 x 3/8 CAP
13	HOUSING SUPPORT	1	47MST05-B
14	CONTROL NUT	1	47MST04
15	STEEL SET SCREW	2	3/8-16 x 3/8
16	CONTROL NUT CLUTCH	1	47MST05
17	O-RING	1	225-90D Nitrile
18	SETTING SLEEVE	1	48MST20
19	BRASS SET SCREW	2	1/4-20 x 1/2 B
20	RETAINING SLEEVE	1	47MST07
21	3/16 x 1-1/4 HARDENED PIN	2	43MST10
22	DOG	1	47MST15
23	TENSION SPRING	2	47MST16
24	KEY	1	43MK2-3/4
25	SLIP ADAPTER	1	48MST22
26	SET SCREW	3	7/16-20 x 3/8
27	CONTROL LATCH	1	48MST08
28	STINGER SUB BODY	1	47MST09
29	STINGER SEAL INSERT	1	47MST02
30	O-RING	1	030-90D Nitrile
31	THREAD PROTECTOR	1	47MST28
32	STINGER SUB	1	47MST12

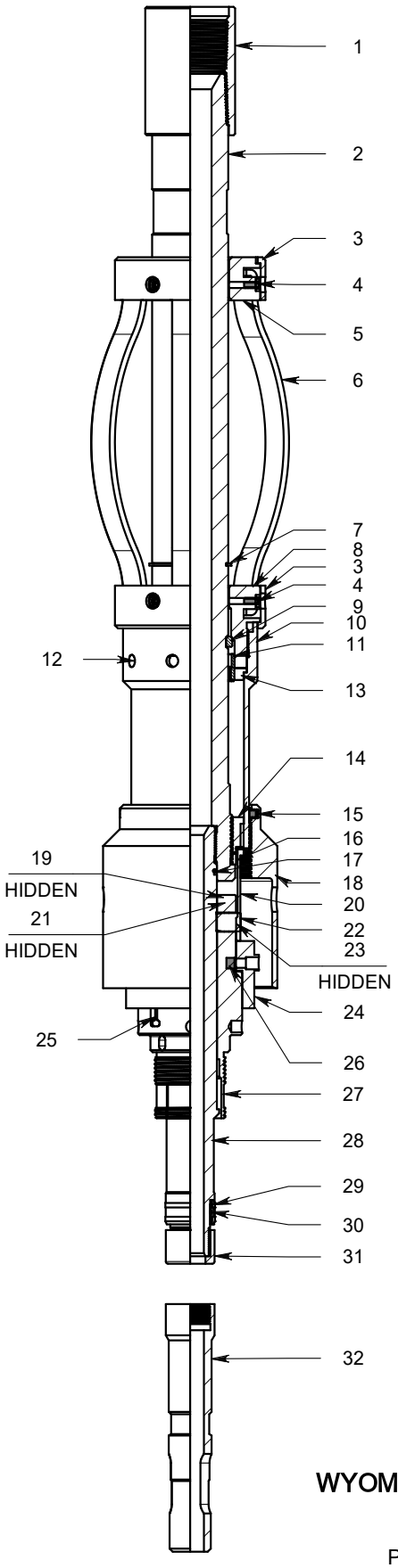
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WEIGHT	
146.36 lbs	
DATE	REV.
10/08/2023	1

8-5/8" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
49MST-B



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	47MST01-B
3	BOW SPRING RETAINER	2	49MST04-B
4	STEEL CAP SCREW	6	5/16-18 x 1/2 CAP
5	UPPER DRAG BODY	1	49MST02-B
6	BOW SPRING (50)	6	49MST06-B
7	SNAP RING	1	47MST07-B
8	LOWER DRAG BODY	1	49MST03-B
9	RETAINING RING	1	47MST33-B
10	CONTROL NUT SLEEVE	1	47MST03
11	DRAG COLLAR INSERT	1	47MST38-B
12	STEEL CAP SCREW	5	1/4-20 x 3/8 CAP
13	HOUSING SUPPORT	1	47MST05-B
14	CONTROL NUT	1	47MST04
15	STEEL SET SCREW	2	3/8-16 x 3/8
16	CONTROL NUT CLUTCH	1	47MST05
17	O-RING	1	225-90D Nitrile
18	SETTING SLEEVE	1	49MST20
19	BRASS SET SCREW	2	1/4-20 x 1/2 B
20	RETAINING SLEEVE	1	47MST07
21	3/16 x 1-1/4 HARDENED PIN	2	43MST10
22	DOG	1	47MST15
23	TENSION SPRING	2	47MST16
24	SLIP ADAPTER	1	49MST22
25	KEY	1	43MK2-3/4
26	SET SCREW	3	7/16-20 x 3/8
27	CONTROL LATCH	1	48MST08
28	STINGER SUB BODY	1	47MST09
29	STINGER SEAL INSERT	1	47MST02
30	O-RING	1	030-90D Nitrile
31	THREAD PROTECTOR	1	47MST28
32	STINGER SUB	1	47MST12

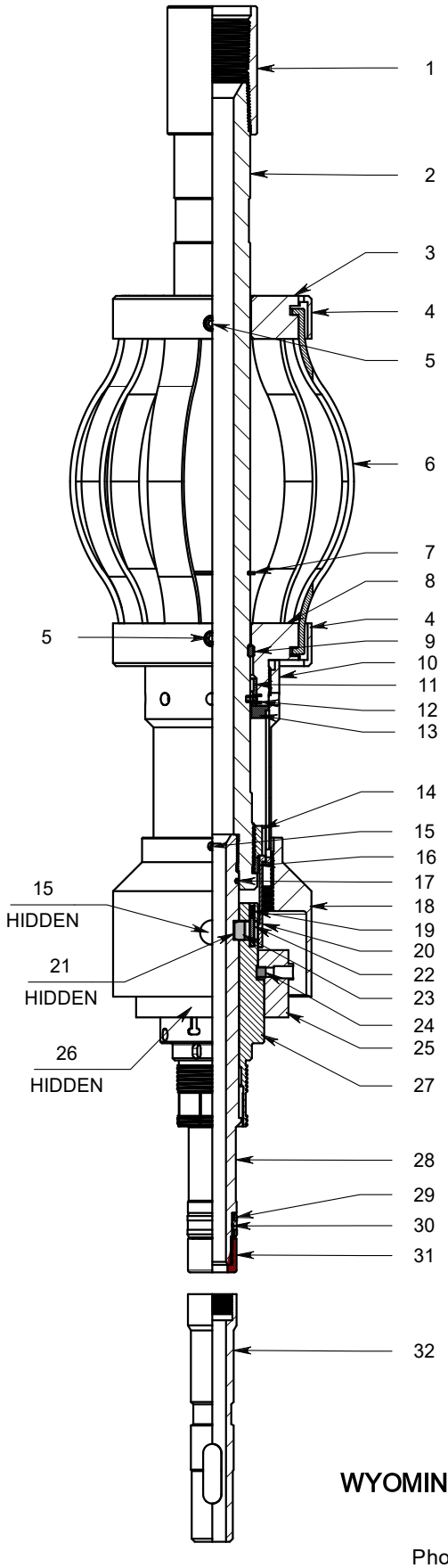
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Phone: (307) 754-5429 * Fax: (307) 754-5927
Email: sales@wyomingcompletions.com
Website: wyomingcompletions.com

WEIGHT	
157.15 lbs	
DATE	REV.
10/08/2023	1

9-5/8" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
51MST-B



PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	47MST01-B
3	UPPER DRAG BODY	1	51MST02-B
4	BOW SPRING RETAINER	2	51MST04-B
5	STEEL CAP SCREW	6	5/16-18 x 1/2 CAP
6	BOW SPRING 50	9	51MST06-B
7	SNAP RING	1	47MST07-B
8	LOWER DRAG BODY	1	51MST03-B
9	RETAINING RING	1	47MST33-B
10	CONTROL NUT SLEEVE	1	47MST03
11	DRAG COLLAR INSERT	1	47MST38-B
12	STEEL CAP SCREW	4	1/4-20 x 3/8 CAP
13	HOUSING SUPPORT	1	47MST05-B
14	CONTROL NUT	1	47MST04P
15	STEEL SET SCREW	2	3/8-16 x 3/8
16	CONTROL NUT CLUTCH	1	47MST05
17	O-RING	1	225-90D Nitrile
18	SETTING SLEEVE	1	51MST20
19	BRASS SET SCREW	2	1/4-20 x 1/2 B
20	RETAINING SLEEVE	1	47MST07
21	TENSION SPRING	2	47MST16
22	3/16 x 1-1/4 HARDENED PIN	2	43MST10
23	DOG	1	47MST15
24	SET SCREW	3	7/16-20 x 3/8
25	SLIP ADAPTER	1	51MST22
26	KEY	1	43MK2-3/4
27	CONTROL LATCH	1	48MST08
28	STINGER SUB BODY	1	47MST09
29	STINGER SEAL INSERT	1	47MST02i
30	O-RING	1	030-90D Nitrile
31	THREAD PROTECTOR	1	47MST28
32	STINGER SUB	1	47MST12

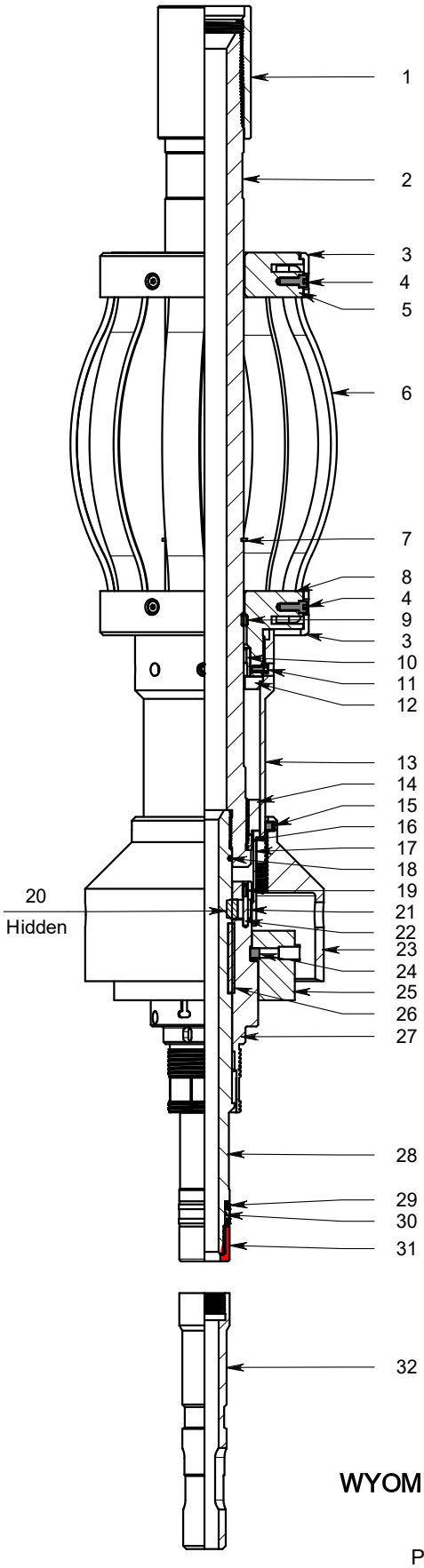
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Email: sales@wyomingcompletions.com
Website: wyomingcompletions.com

WEIGHT	
204.53 lbs	
DATE	REV.
10/09/2023	3

10-3/4" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
53MST-B



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	47MST01-B
3	BOW SPRING RETAINER	2	53MST04-B
4	SOCKET HEAD CAP SCREW	6	5/16 -18 x 3/4 CAP
5	UPPER DRAG BODY	1	53MST02-B
6	BOW SPRING (50)	9	49MST06-B
7	SNAP RING	1	47MST07-B
8	LOWER DRAG BODY	1	53MST03-B
9	RETAINING RING	1	47MST33-B
10	DRAG COLLAR INSERT	1	47MST38-B
11	STEEL CAP SCREW	4	1/4 -20 x 3/8 CAP
12	HOUSING SUPPORT	1	47MST05-B
13	CONTROL NUT SLEEVE	1	47MST03
14	CONTROL NUT	1	47MST04
15	STEEL SET SCREW	2	3/8 -16 x 3/8
16	CONTROL NUT CLUTCH	1	47MST05
17	RETAINING SLEEVE	1	47MST07
18	O-RING	1	225-90D Nitrile
19	BRASS SET SCREW	2	1/4 -20 x 1/2 B
20	TENSION SPRING	2	47MST16
21	DOG	1	47MST15
22	3/16 x 1-1/4 HARDENED PIN	2	43MST10
23	SETTING SLEEVE	1	53MST20
24	SET SCREW	3	7/16 -20 x 3/8
25	SLIP ADAPTER	1	53MST22
26	KEY	1	43MK2-3/4
27	CONTROL LATCH	1	48MST08
28	STINGER SUB BODY	1	47MST09
29	STINGER SEAL INSERT	1	47MST02
30	O-RING	1	030-90D Nitrile
31	THREAD PROTECTOR	1	47MST28
32	STINGER SUB	1	47MST12

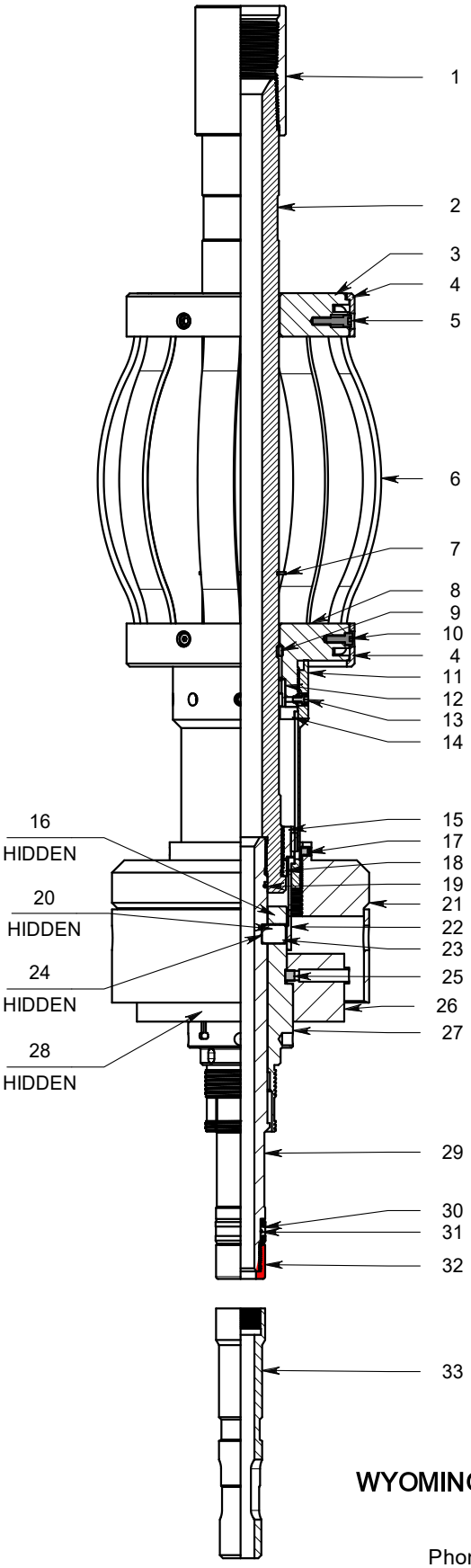
WYOMING COMPLETION TECHNOLOGIES, INC.
1110 Road 9 * PO Box 46
Powell, Wyoming 82435
Phone: (307) 754-5429 * Fax: (307) 754-5927
Email: sales@wyomingcompletions.com
Website: wyomingcompletions.com

WEIGHT	
205.31 lbs	
DATE	REV.
10/08/2023	3

11-3/4" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
54MST-B



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	47MST01-B
3	UPPER DRAG BODY	1	54MST02-B
4	BOW SPRING RETAINER	2	54MST04-B
5	SOCKET HEAD CAP SCREW	3	5/16 -18 x 1-1/4 CAP
6	BOW SPRING (50)	9	49MST06-B
7	SNAP RING	1	47MST07-B
8	LOWER DRAG BODY	1	54MST03-B
9	RETAINING RING	1	47MST33-B
10	SOCKET HEAD CAP SCREW	3	5/16 -18 x 3/4 CAP
11	CONTROL NUT SLEEVE	1	47MST03
12	DRAG COLLAR INSERT	1	47MST38-B
13	SOCKET HEAD CAP SCREW	4	1/4 -20 x 3/8 CAP
14	HOUSING SUPPORT	1	47MST05-B
15	CONTROL NUT	1	47MST04
16	BRASS SET SCREW	2	1/4 -20 x 1/2 B
17	STEEL SET SCREW	2	3/8 -16 x 3/8
18	CONTROL NUT CLUTCH	1	47MST05
19	O-RING	1	225-90D Nitrile
20	3/16 x 1-1/4 HARDENED PIN	2	43MST10
21	SETTING SLEEVE	1	54MST20
22	RETAINING SLEEVE	1	47MST07
23	DOG	1	47MST15
24	TENSION SPRING	2	47MST16
25	SET SCREW	3	7/16 -20 x 3/8
26	SLIP ADAPTER	1	54MST22
27	CONTROL LATCH	1	48MST08
28	KEY	1	43MK2-3/4
29	STINGER SUB BODY	1	47MST09
30	STINGER SEAL INSERT	1	47MST02
31	O-RING	1	030-90D Nitrile
32	THREAD PROTECTOR	1	47MST28
33	STINGER SUB	1	47MST12

*** SPECIFY CASING WEIGHT: 38-60# or 60-83#**

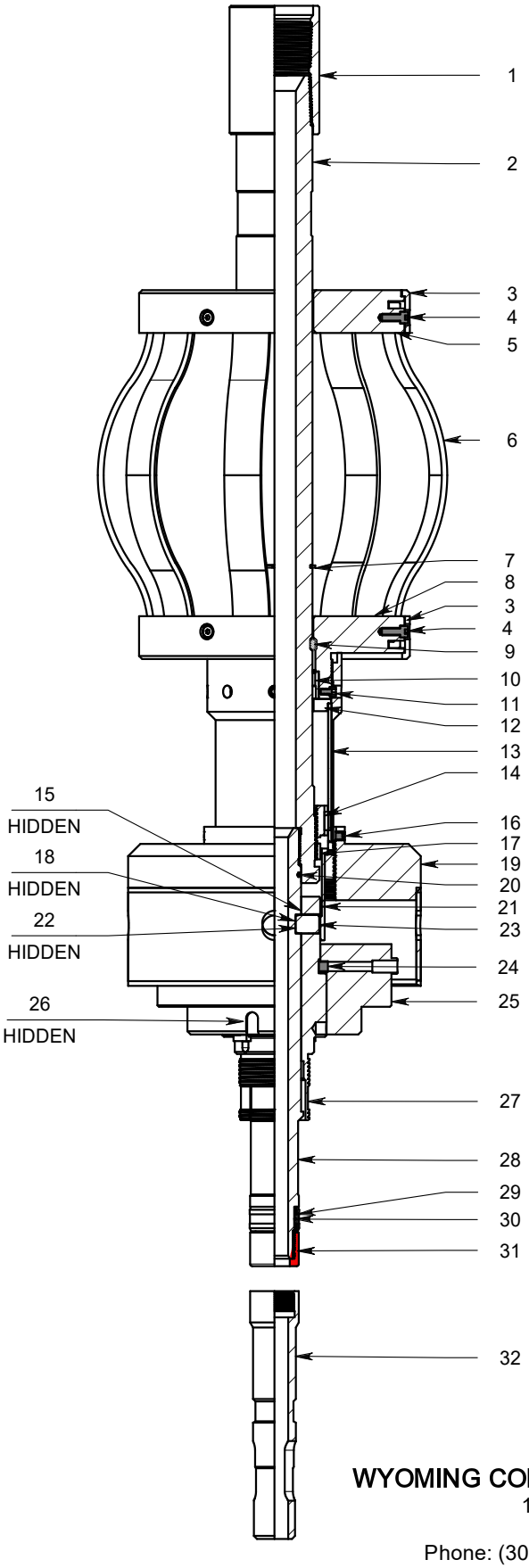
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WEIGHT	
245.28 lbs	
DATE	REV.
10/03/2026	2

13-3/8" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
55MST-B



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	47MST01-B
3	BOW SPRING RETAINER	2	55MST04-B
4	SOCKET HEAD CAP SCREW	6	5/16 -18 x 3/4 CAP
5	UPPER DRAG BODY	1	55MST02-B
6	BOW SPRING 50	9	51MST06-B
7	SNAP RING	1	47MST07-B
8	LOWER DRAG BODY	1	55MST03-B
9	RETAINING RING	1	47MST33-B
10	DRAG COLLAR INSERT	1	47MST38-B
11	STEEL CAP SCREW	4	1/4 -20 x 3/8 CAP
12	HOUSING SUPPORT	1	47MST05-B
13	CONTROL NUT SLEEVE	1	47MST03
14	CONTROL NUT	1	47MST04
15	TENSION SPRING	2	47MST16
16	STEEL SET SCREW	2	3/8 -16 x 3/8
17	CONTROL NUT CLUTCH	1	47MST05
18	BRASS SET SCREW	2	3/8 -16 x 1/2 B
19	SETTING SLEEVE	1	55MST20
20	O-RING	1	225-90D Nitrile
21	RETAINING SLEEVE	1	47MST07
22	3/16 x 1-1/4 HARDENED PIN	2	43MST10
23	DOG	1	47MST15
24	SET SCREW	3	7/16 -20 x 3/8
25	SLIP ADAPTER	1	55MST22
26	KEY	1	43MK2-3/4
27	CONTROL LATCH	1	48MST08
28	STINGER SUB BODY	1	47MST09
29	STINGER SEAL	2	47MST02
30	O-RING	1	030-90D Nitrile
31	THREAD PROTECTOR	1	47MST28
32	STINGER SUB	1	47MST12

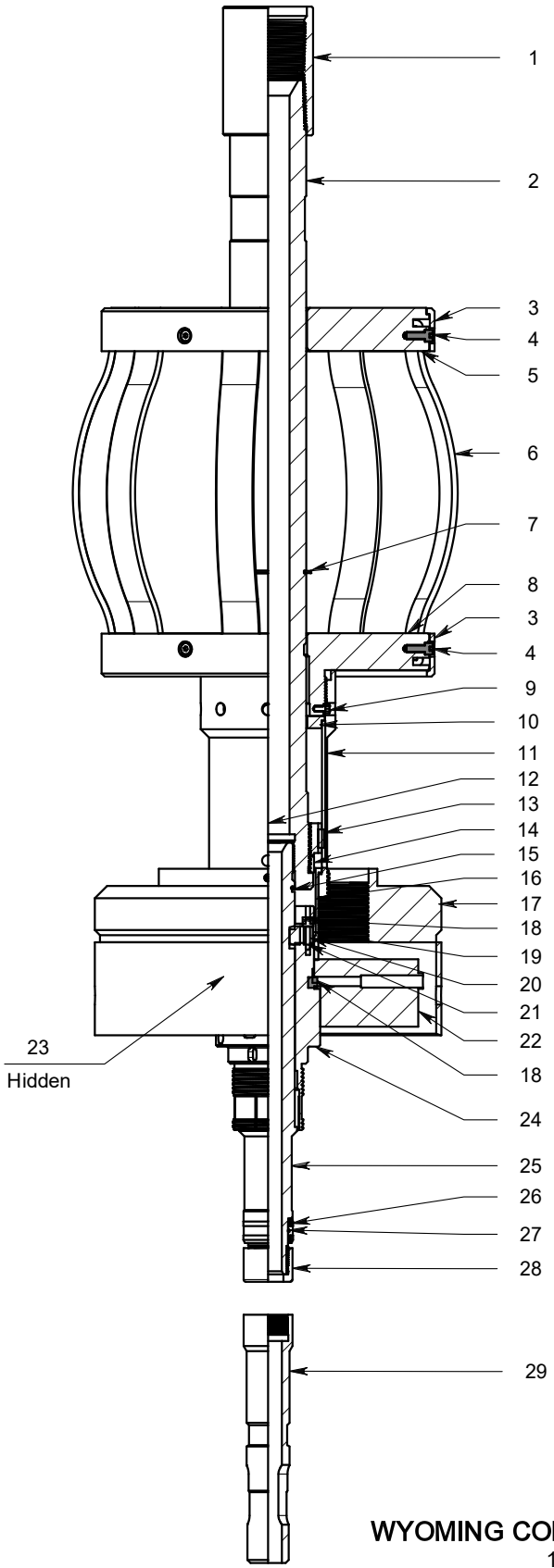
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WEIGHT	
327.62 lbs	
DATE	REV.
10/09/2023	3

16" MECHANICAL SETTING TOOL - BOW SPRING

WYOMING COMPLETION TECHNOLOGIES

Part #
57MST-B

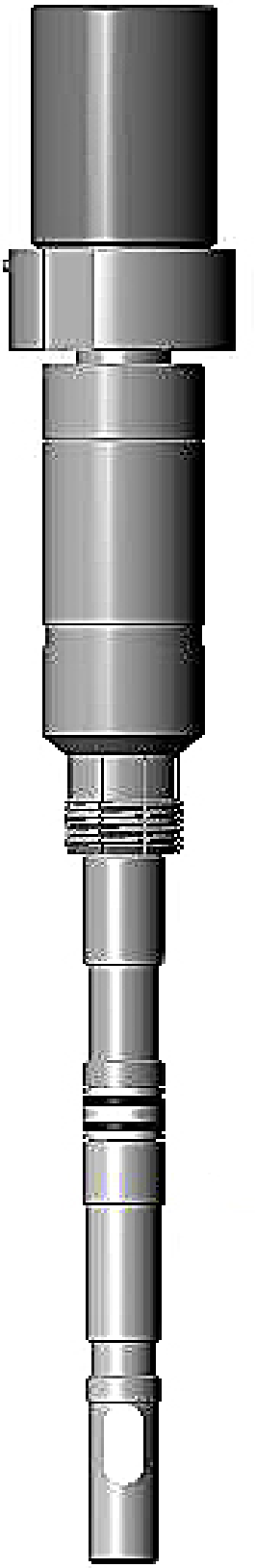


Item #	Description	QTY	Part Name
1	COUPLER	1	27EC
2	MANDREL	1	47MST01-B
3	BOW SPRING RETAINER	2	57MST04-B
4	SOCKET HEAD CAP SCREW	6	5/16 -18 x 3/4 CAP
5	UPPER DRAG BODY	1	57MST02-B
6	BOW SPRING (50)	9	49MST06-B
7	SNAP RING	1	47MST07-B
8	LOWER DRAG BODY	1	57MST03-B
9	STEEL CAP SCREW	4	1/4 -20 x 3/8 CAP
10	HOUSING SUPPORT	1	47MST05-B
11	CONTROL NUT SLEEVE	1	47MST03
12	CONTROL NUT	1	47MST04
13	KEY	1	47MK75
14	CONTROL NUT CLUTCH	1	47MST05
15	O-RING	1	225-90D Nitrile
16	RETAINING SLEEVE	1	47MST07
17	SETTING SLEEVE	1	57MST20
18	SET SCREW	8	7/16-20 x 3/8
19	DOG	1	47MST15
20	3/16 x 1-1/4 HARDENED PIN	2	43MST10
21	TENSION SPRING	2	47MST16
22	SLIP ADAPTER	1	57MST22
23	KEY	1	43MK2-3/4
24	CONTROL LATCH	1	48MST08
25	STINGER SUB BODY	1	47MST09
26	STINGER SEAL INSERT	1	47MST02
27	O-RING	1	030-90D Nitrile
28	THREAD PROTECTOR	1	47MST28
29	STINGER SUB	1	47MST12

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WEIGHT	
398.89 lbs	
DATE	REV.
10/09/2023	1

Stinger Assembly



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Stinger Assembly is available as a standard Snap-out Seal Assembly (SSA) or a J-type Snap-out Seal Assembly (JSA). The stinger assembly is a tubing conveyed, latching seal assembly of the highest quality that is used to operate the sliding valve in a cement retainer.

FEATURES/BENEFITS

- Gives positive indication of stinger location
- Permits high pressure tubing tests
- Deters seals from pumping out of the retainer
- Multiple safety release by rotation or snap-out

TECHNICAL DATA

SSA-STINGERS

TOOL	CASING O.D. *(INCHES)*	TOOL SIZE	TOOL O.D. *(INCHES)*	THREAD
23CRST	2-3/8"	2-3/8"	1.660	1.315" NU - 10 RND
27CRST	2-7/8”	2-7/8”	2.220	1-1/4” NU - 10 RND
	3-1/2”			
	4”			
23SSA-43	4-1/2”	2-3/8”	3.75	2-3/8 EU - 8 RND
23SSA-44	5”		4.12	
23SSA-45	5-1/2”		4.50	
27SSA-45	5-1/2"	2-7/8”	4.50	2-7/8 EU - 8 RND
27SSA-47	7”		5.25	
27SSA-48	7-5/8”		5.90	
27SSA-49	8-5/8”		7.08	
27SSA-51	9-5/8”		8.12	
27SSA-53	10-3/4”		9.38	
27SSA-54	11-3/4”		10.38	
27SSA-55	13-3/8”		11.93	

JSA-STINGERS

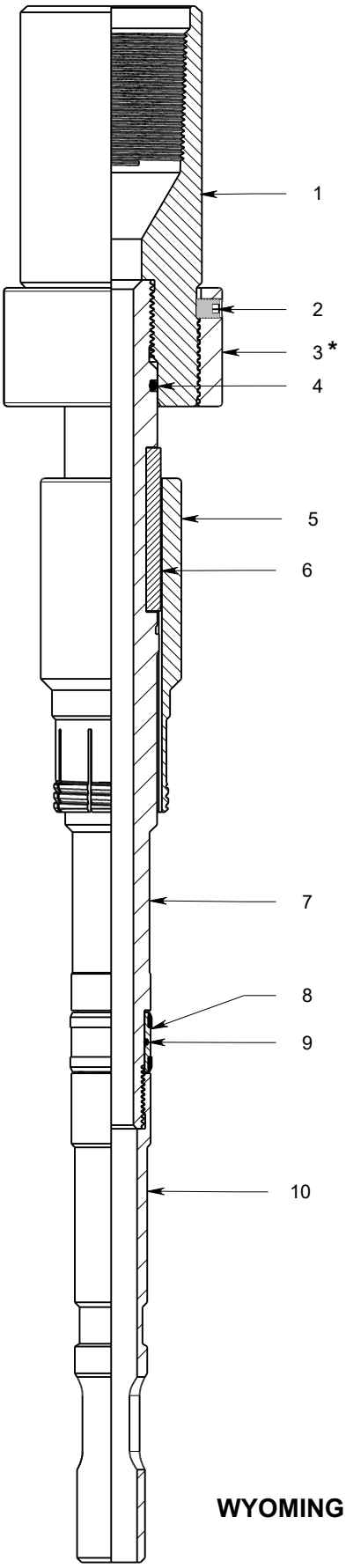
TOOL	CASING O.D. *(INCHES)*	TOOL SIZE	TOOL O.D. *(INCHES)*	THREAD
23JSA-43	4-1/2”	2-3/8”	3.75	2-3/8 EU - 8 RND
23JSA-44	5”		4.12	
23JSA-45	5-1/2”		4.50	
27JSA-47	7”	2-7/8”	5.25	2-7/8 EU - 8 RND
27JSA-48	7-5/8”		5.90	
27JSA-49	8-5/8”		7.08	
27JSA-51	9-5/8”		8.12	
27JSA-53	10-3/4”		9.38	
27JSA-54	11-3/4”		10.38	
27JSA-55	13-3/8”		11.93	

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2-3/8" SNAP-OUT STINGER ASSEMBLY

WYOMING COMPLETION TECHNOLOGIES

Part #
23SSA



PARTS AND ASSEMBLY

Item #	Description	QTY	Part Name
1	TOP SUB	1	23SSA01
2	SET SCREW	1	5/16-18 x 3/8
3	GUIDE RING	1	23SSA06*
4	O-RING	1	219-90D Nitrile
5	LATCH	1	23SSA05
6	KEY	1	43MK2.75
7	STINGER SUB BODY	1	23SSA02
8	STINGER SEAL	1	43MST02
9	O-RING	1	024-90D Nitrile
10	STINGER SUB	1	43MST12

* SPECIFY CASING SIZE (4-1/2" THROUGH 5-1/2")

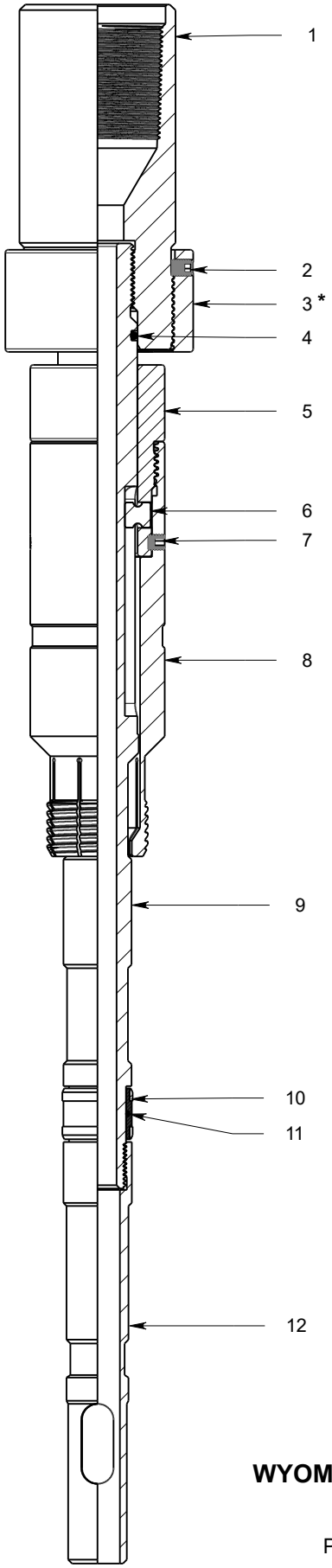
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REV 0 - 06/15/2022

2-3/8" J-TYPE STINGER ASSEMBLY

WYOMING COMPLETION TECHNOLOGIES

Part #
23JSA



PARTS AND ASSEMBLY

Item	Description	Qty	Part Name
1	TOP SUB	1	23SSA01
2	SET SCREW	1	5/16-18 x 3/8
3	GUIDE RING	1	23SSA06*
4	O-Ring	1	219-90D Nitrile
5	J PIN RETAINER	1	23JSA03
6	PIN	2	23JSA04
7	SET SCREW	2	5/16-18 x 5/16
8	LATCH	1	23JSA05
9	J-TYPE STINGER BODY	1	23JSA02
10	STINGER SEAL	1	43MST02
11	O-Ring	1	024-90D Nitrile
12	STINGER SUB	1	43MST12

* SPECIFY CASING SIZE (4-1/2" THROUGH 5-1/2")

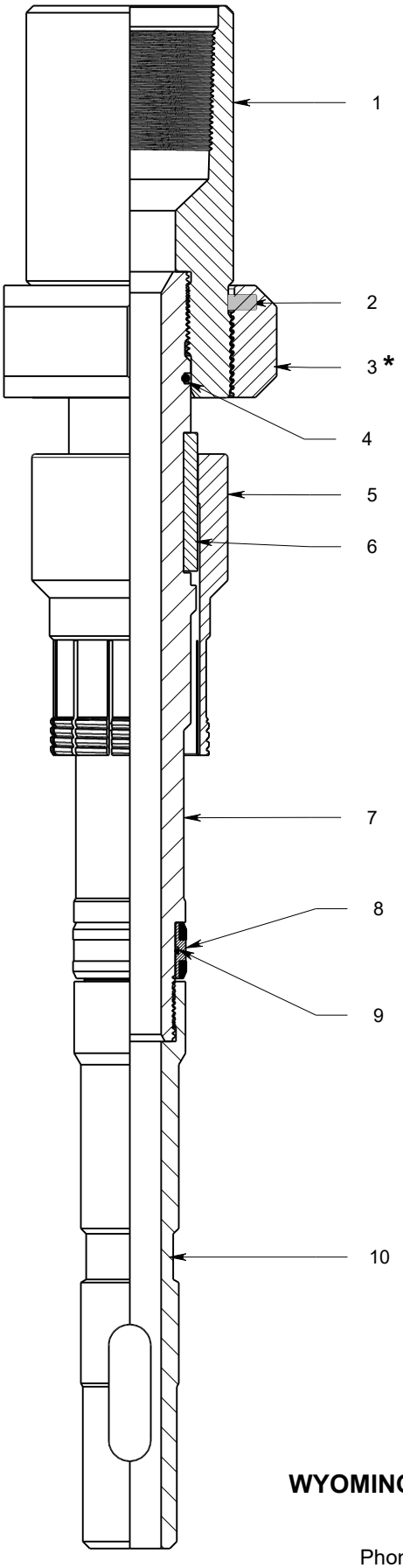
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REV 0 - 06/15/2022

2-7/8" SNAP-OUT STINGER ASSEMBLY

WYOMING COMPLETION TECHNOLOGIES

Part #
27SSA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	TOP SUB	1	27SSA01
2	STEEL SHEAR SCREW	3	5/16-18 x 1/2
3	7" GUIDE RING	1	27SSA06-47*
4	O-RING	1	225-90D Nitrile
5	LATCH	1	27SSA05
6	KEY	1	1/4 x 1/4 x 2.47
7	STINGER BODY	1	27SSA02
8	STINGER SEAL	1	47MST02
9	O-RING	1	030-90D Nitrile
10	STINGER SUB	1	47MST12

*** SPECIFY CASING SIZE (6-5/8" AND LARGER)**

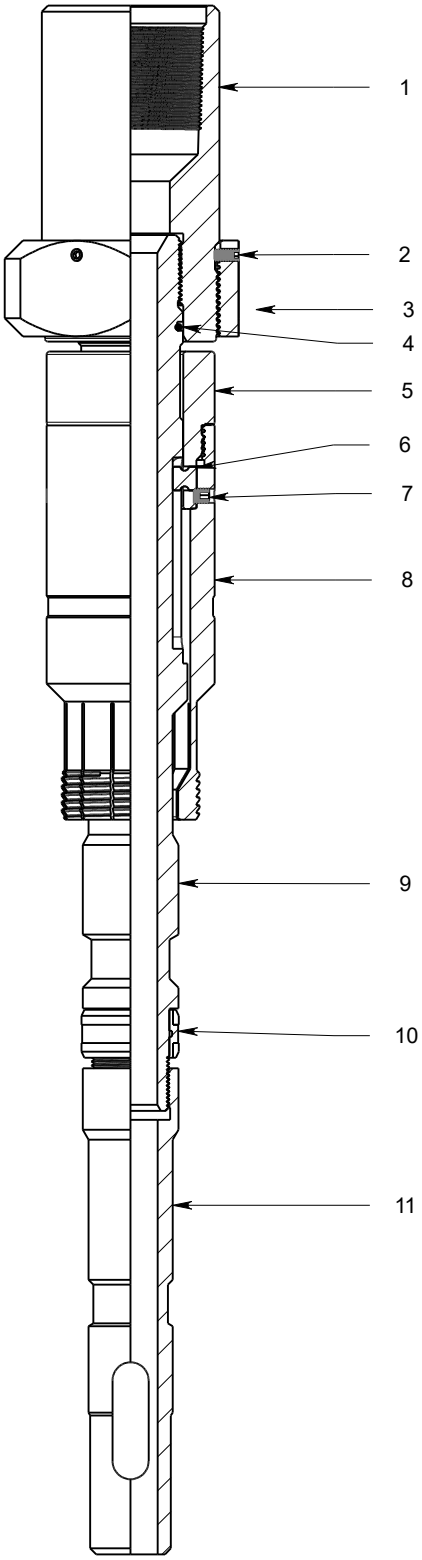
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REV 0 - 6/15/2022

2-7/8" J-TYPE STINGER ASSEMBLY

WYOMING COMPLETION TECHNOLOGIES

Part #
27JSA



PARTS AND ASSEMBLY

Item	Description	Qty	Part Name
1	Top Sub	1	27SSA01
2	Steel Set Screw	3	5/16-18 x 1/2
3	Guide Ring	1	27SSA06*
4	O-Ring	1	225-90D Nitrile
5	J Pin Retainer	1	27JSA03
6	Pin	2	23JSA04
7	Set Screw	2	5/16-18 x 5/16
8	Latch	1	27JSA05
9	J-Type Stinger Mandrel	1	27JSA02
10	Stinger Seal	1	47MST02
11	Stinger Sub	1	47MST12

* SPECIFY CASING SIZE (6-5/8" AND UP)

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REV 0 - 06/15/2022

HYDRAULIC SETTING TOOL



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Hydraulic Setting Tool allows the cement retainer to be run in and hydraulically set on drill pipe, coiled tubing or threaded tubing. No rotation is required to set or release from the cement retainer making it ideal for coiled tubing applications. The Hydraulic Setting Tool also allows the tool to be set.

FEATURES/BENEFITS

- Allows Cement Retainers and Bridge Plugs to be set
- No rotation required
- Controlled slow set
- Designed for coiled tubing but can also be run on threaded tubing or drill pipe
- Collet snap latch prevents premature closure of sleeve valve

TECHNICAL DATA

PRODUCT #	CASING OD	TOOL SIZE	TOOL OD
	Inches *mm*	Inches *mm*	Inches *mm*
175HST	2-3/8 – 3-1/2 60.33 – 88.90	1-3/4 *44.45*	1.75 *44.45*
23HST	4-1/2 - 5-1/2 *114.3 - 139.7*	2-3/8 *60.33*	3.625 *92.08*
27HST	6-5/8 - 20 *168.3 - 508*	2-7/8 *73.03*	4.375 *111.13*

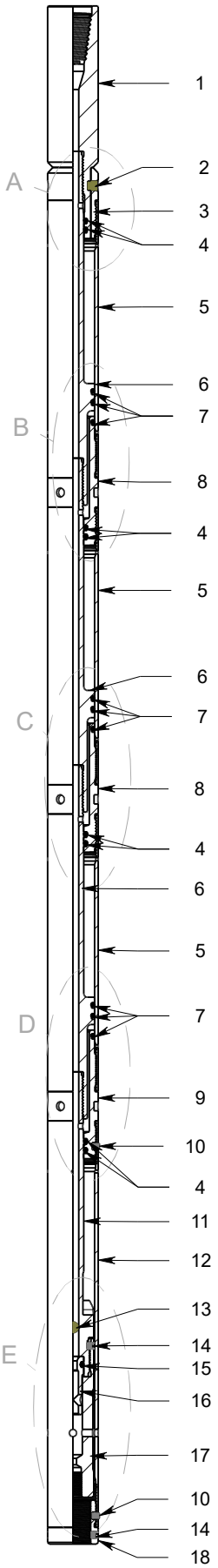
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1-3/4" HYDRAULIC SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #

175HSTA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	TOP SUB	1	175HST01
2	BRASS SHEAR SCREW	2	5/16-24 x 5/16 B
3	CYLINDER CAP	1	175HST15
4	O-RING	12	210-90D Nitrile
5	CYLINDER	3	175HST02
6	PISTON	3	175HST04
7	O-RING	9	218-90D Nitrile
8	UPPER COUPLING	2	175HST03
9	LOWER COUPLING	1	175HST09
10	STEEL SET SCREW	2	10-32 x 1/4
11	BALL SEAT HOUSING	1	175HST10
12	PUSH SLEEVE	1	175HST12
13	3/8" BRONZE BALL	1	175HST08
14	STEEL SET SCREW	3	1/4 - 20 x 1/4
15	O-RING	1	206-90D Nitrile
16	BALL SEAT	1	175HST11
17	ADAPTER SUB	1	175HST13
18	ADAPTER SLEEVE	1	175HST14

*** TO INCREASE SHEAR STRENGTH, REPLACE BRASS SHEAR SCREWS WITH STEEL.**

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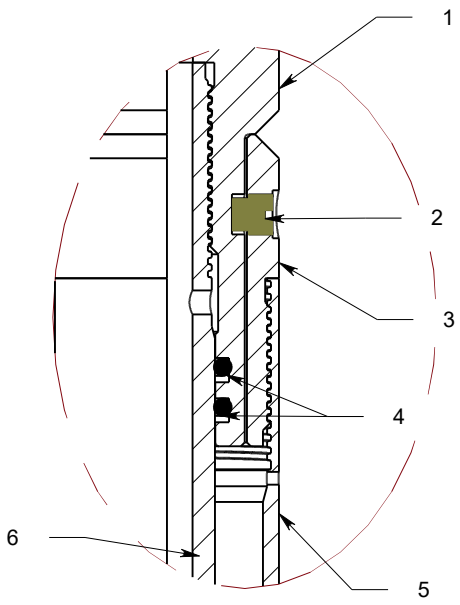
REV 0 - 05/26/2022

1-3/4" HYDRAULIC SETTING TOOL

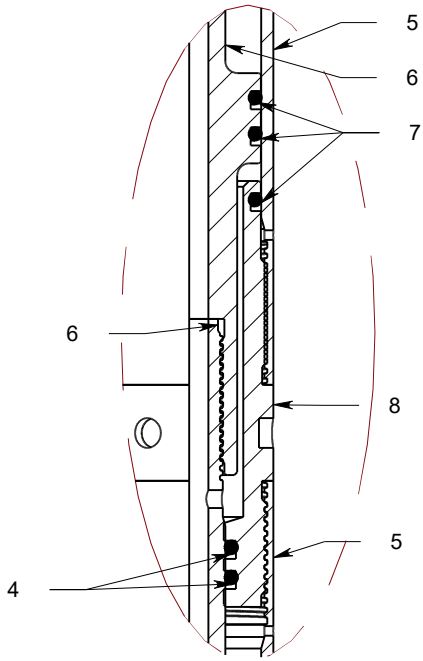
WYOMING COMPLETION TECHNOLOGIES

Part # PAGE 2 of 2

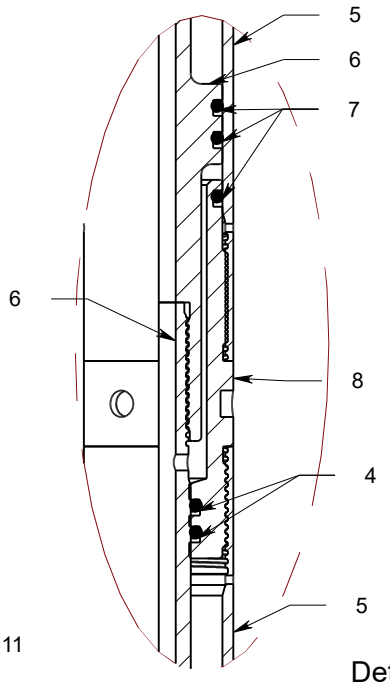
175HSTA - DETAILS



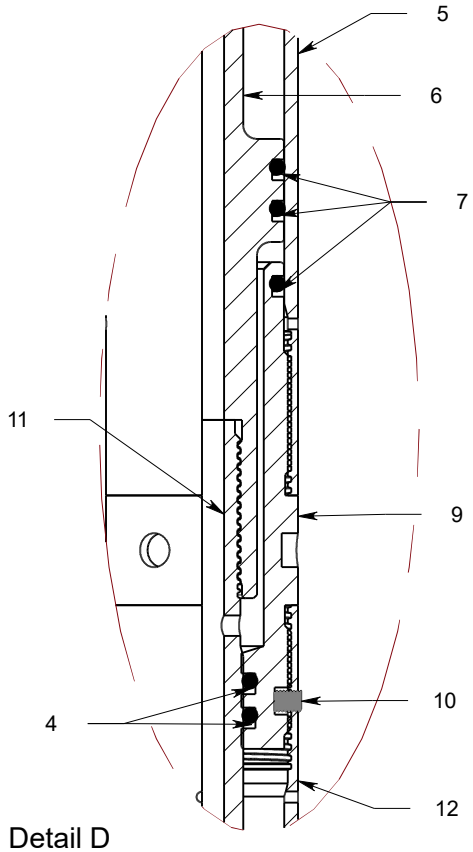
Detail A



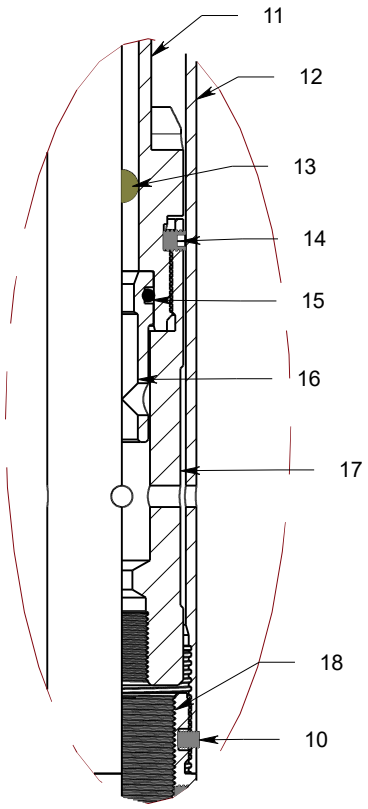
Detail B



Detail C



Detail D



Detail E

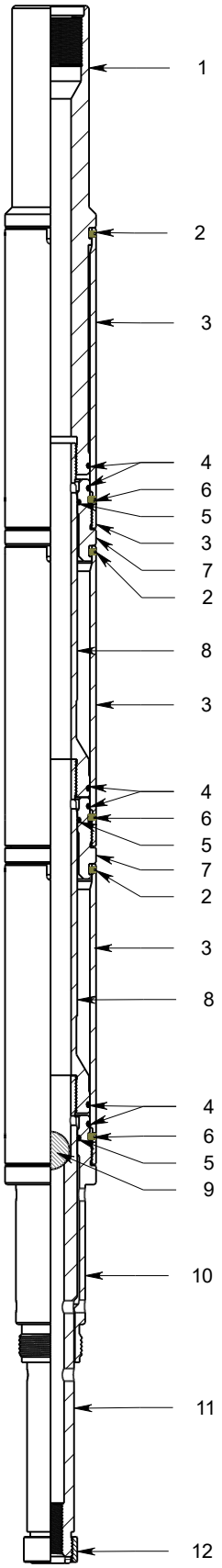
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REV 0 - 05/26/2022

2-3/8" HYDRAULIC SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #
23HSTA



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	TOP SUB	1	23HST01
2	BRASS SET SCREW	6	1/4 - 20 x 1/4 B
3	CYLINDER	3	23HST02
4	O-RING	6	233-90D Nitrile
5	O-RING	3	227-90D Nitrile
6	BRASS SET SCREW	6	1/4-20 x 5/16 B
7	COUPLING	2	23HST03
8	PISTON	2	23HST04
9	BALL	1	23HST08
10	BOTTOM SUB	1	23HST05
11	MANDREL	1	23HST06
12	THREAD PROTECTOR	1	23HST07

*** TO INCREASE SHEAR STRENGTH, REPLACE BRASS SHEAR SCREWS WITH STEEL.**

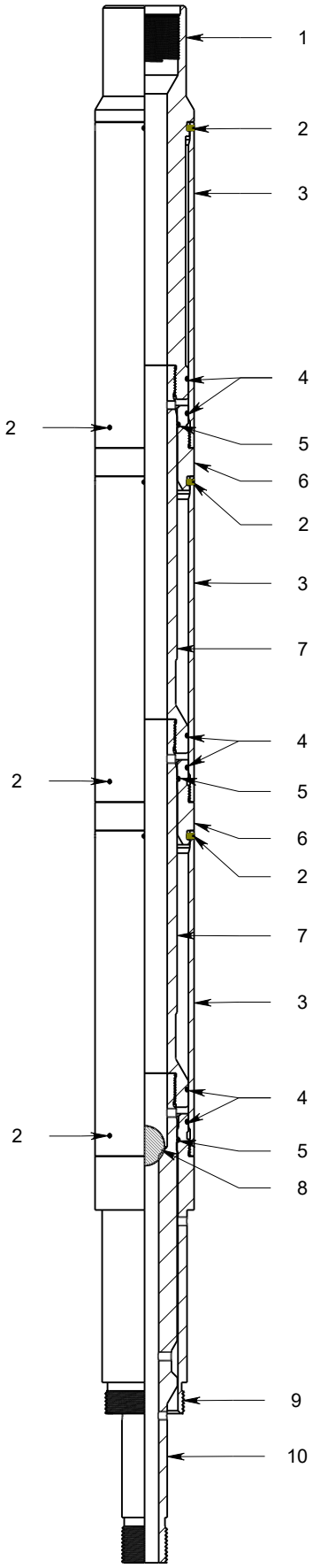
WYOMING COMPLETION TECHNOLOGIES, INC.
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Website: wyomingcompletions.com

rev 1 - 05/26/2022

2-7/8" HYDRAULIC SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #
27HSTA



PARTS & ASSEMBLY

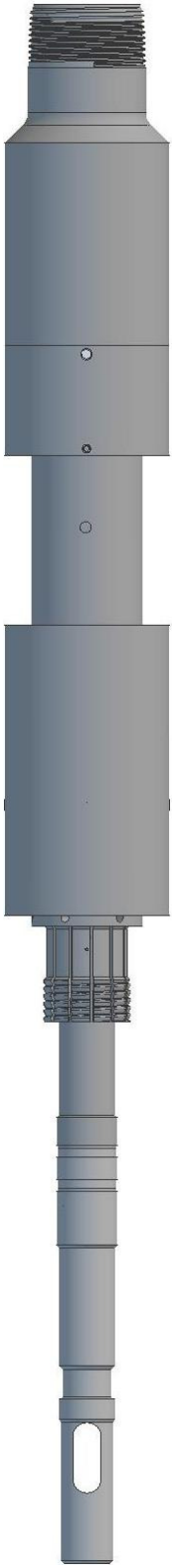
Item #	Description	QTY	Part Name
1	TOP SUB	1	27HST01
2	BRASS SET SCREW	18	1/4 - 20 x 5/16 B
3	CYLINDER	3	27HST02
4	O-RING	6	239-90D Nitrile
5	O-RING	3	233-90D Nitrile
6	COUPLING	2	27HST03
7	ROD	2	27HST04
8	BALL	1	27HST08
9	BOTTOM SUB	1	27HST05
10	MANDREL	1	27HST06

*** TO INCREASE SHEAR STRENGTH, REPLACE BRASS SHEAR SCREWS WITH STEEL.**

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REV 2 - 06/02/2022

SINGLE TRIP HYDRAULIC SETTING TOOL (STHST)



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Single Trip Hydraulic Setting Tool (STHST) is designed to set cement retainers and circulate cement without the need for rotation or multiple trips. To set, apply a combination of hydraulic pressure and upstrain. The setting tool can set in the well using coiled tubing, tubing, or drill pipe.

FEATURES/BENEFITS

- Single stage hydraulic piston
- Retainer can be set, tested and cement can be circulated all in one trip
- No rotation required
- Balances with wellbore fluids automatically
- Coiled tubing, tubing, or drill pipe conveyed
- Hydraulically activated by applied pressure
- Can withstand high tensile loads

TECHNICAL DATA

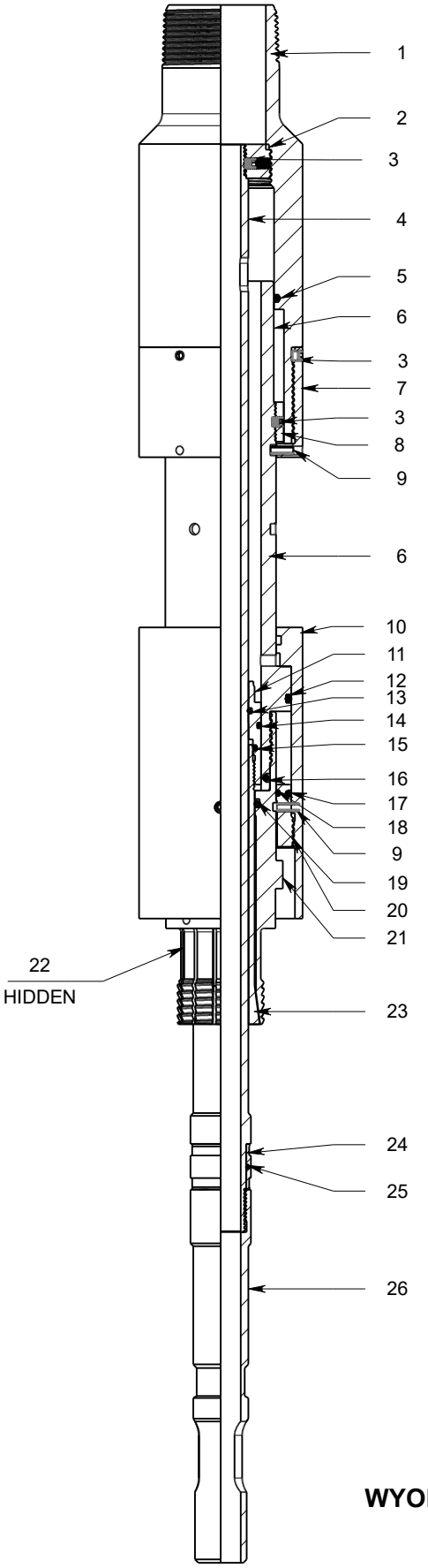
TYPE 'A' BRIDGE PLUG / CEMENT RETAINER TOOL SIZE Inches mm	**STHST PRODUCT #** Inches/ *mm*	**STHST TOOL OD** Inches/ *mm*
4-1/2 *114.30*	43STHST	3.620 *91.948*
5.0 *127.0*		

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4-1/2" SINGLE TRIP HYDRAULIC SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #
43STHST



43STHST
PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	CROSS-OVER SUB	1	43STHST01
2	STINGER SUB TOP NUT	1	43STHST04
3	STEEL SET SCREW	7	1/4 - 20 x 1/4
4	STINGER SUB BODY	1	43STHST09
5	O-RING	1	229-90D Nitrile
6	CONTROL BODY TOP	1	43STHST06
7	CROSS-OVER RETAINER	1	43STHST02
8	CROSS-OVER STOP	1	43STHST03
9	SLOTTED SPRING PIN	5	3/16 x 1/2 SSP
10	SETTING SLEEVE	1	43STHST20
11	SWAGE PISTON	1	43STHST08
12	O-RING	1	233-90D Nitrile
13	O-RING	1	123-90D Nitrile
14	O-RING	1	130-90D Nitrile
15	O-RING	1	127-90D Nitrile
16	O-RING	1	225-90D Nitrile
17	O-RING	1	150-90d Nitrile
18	O-RING	1	143-90D Nitrile
19	O-RING	1	222-90D Nitrile
20	STOP NUT	1	43STHST11
21	CONTROL BODY BOTTOM	1	43STHST07
22	SLOTTED SPRING PIN	1	1/16 x 5/16 SSP
23	SWAGE BODY	1	43STHST10
24	STINGER SEAL	1	43MST02-A
25	O-RING	1	024-90D Nitrile
26	STINGER SUB	1	43MST12

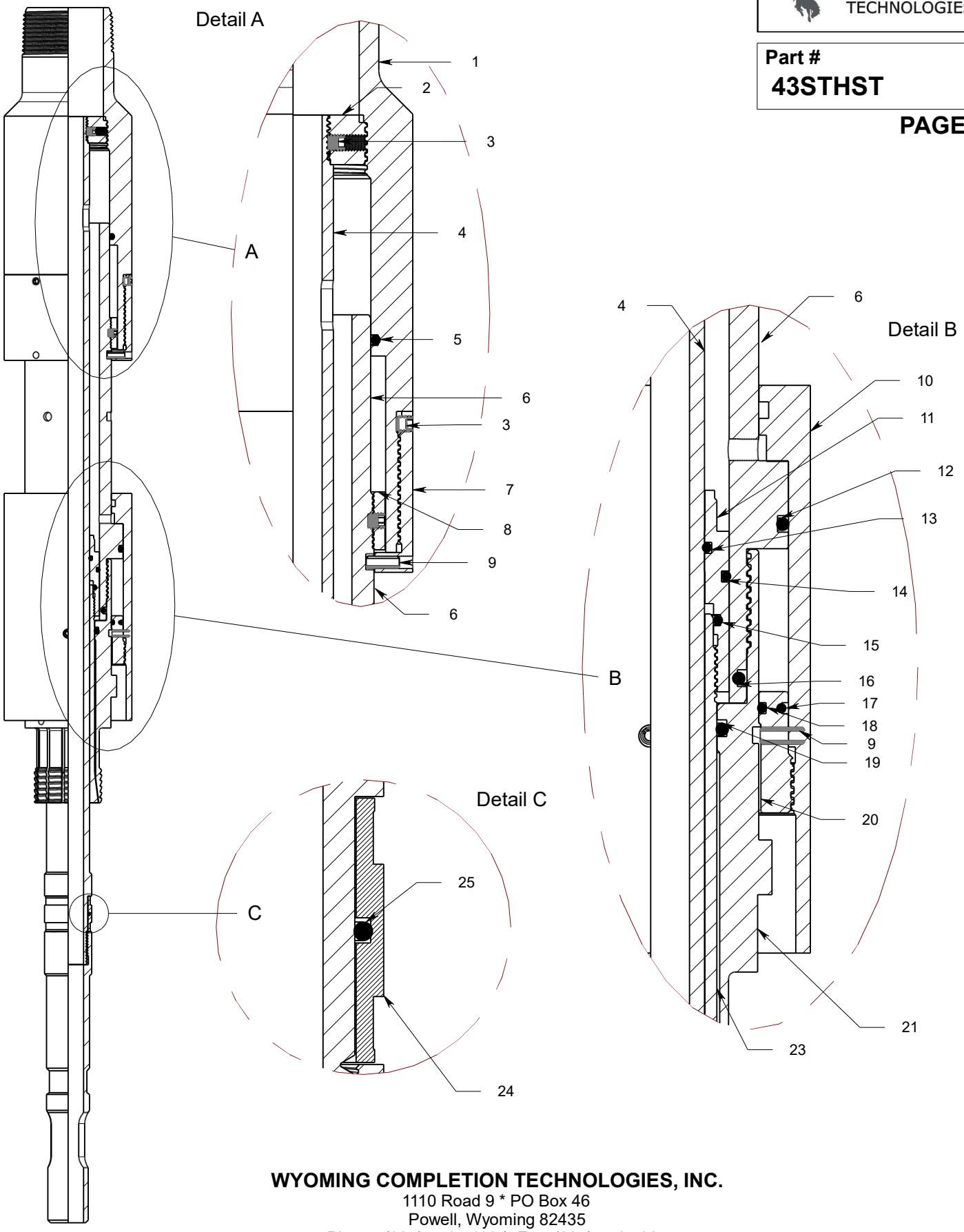
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REV 0 - 06/15/2022

4-1/2" SINGLE TRIP HYDRAULIC SETTING TOOL

WYOMING COMPLETION TECHNOLOGIES

Part #
43STHST



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REV 0 - 06/15/2022

COMPOSITE TYPE-B BRIDGE PLUG

SIZES 2-3/8” – 6-5/8”



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES 10K Composite Bridge Plug provides a cost-effective alternative to temporarily isolate multiple zones for fracturing, or other treatments. The composite material allows for quicker drill times and less formation damage. Interlocking tapers on the top and bottom prevent plug remnants from rotating while removing multiple plugs.

FEATURES/BENEFITS

- Cost effective & dependable
- Proven nitrile elastomer element system
- One-piece, full circle slips
- Quick and easy drill-up
- Inter-locking taper on both top and bottom
- Tested at 350° F and 10,000 psi

APPLICATIONS

- Temporary zone isolation
- Temporary plug

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
23CCBP	2-3/8 *60.33*	2.074 *52.68*	1.780 *45.21*	4 – 5.8 *5.95 – 8.63*	1.75 *44.45*
27CCBP	2-7/8 *73.03*	2.441 *62.00*	2.347 *59.61*	6.4- 7.8 *9.52 – 11.61*	2.23 *56.64*
35CCBP	3-1/2 *88.90*	3.068 *77.93*	2.992 *76.00*	5.75 – 10.3 *8.56 – 15.33*	2.76 *70.10*
43CCBP	4-1/2 *114.3*	4.09 *103.88*	3.82 *97.18*	9.5 – 15.1 *14.1 – 22.5*	3.61 *91.7*
44CCBP	5 *127*	4.56 *115.8*	4.27 *108.5*	11.5 -18 *17.1 – 26.8*	3.93 *99.8*
45CCBP	5-1/2 *139.7*	5.04 *128.12*	4.55 *115.44*	13 – 23 *19.3 – 34.2*	4.31 *109.5*
45CCBP-B	5-1/2 *139.7*	5.04 *128.12*	4.65 *18.19*	13 – 20 *19.3 – 29.8*	4.50 *114.3*
46CCBP	6-5/8 *168.3*	6.13 *409.82*	5.58 *141.73*	17 - 34.5 *25.3 - 51.3*	5.38 *136.7*

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COMPOSITE TYPE-B BRIDGE PLUG

SIZES 7” – 13-3/8”



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES 10K Composite Bridge Plug provides a cost-effective alternative to temporarily isolate multiple zones for fracturing, or other treatments. The composite material allows for quicker drill times and less formation damage. Interlocking tapers on the top and bottom prevent plug remnants from rotating while removing multiple plugs.

FEATURES/BENEFITS

- Cost effective & dependable
- Proven nitrile elastomer element system
- One-piece, full circle slips
- Quick and easy drill-up
- Inter-locking taper on both top and bottom
- Tested at 350° F and 10,000 psi

APPLICATIONS

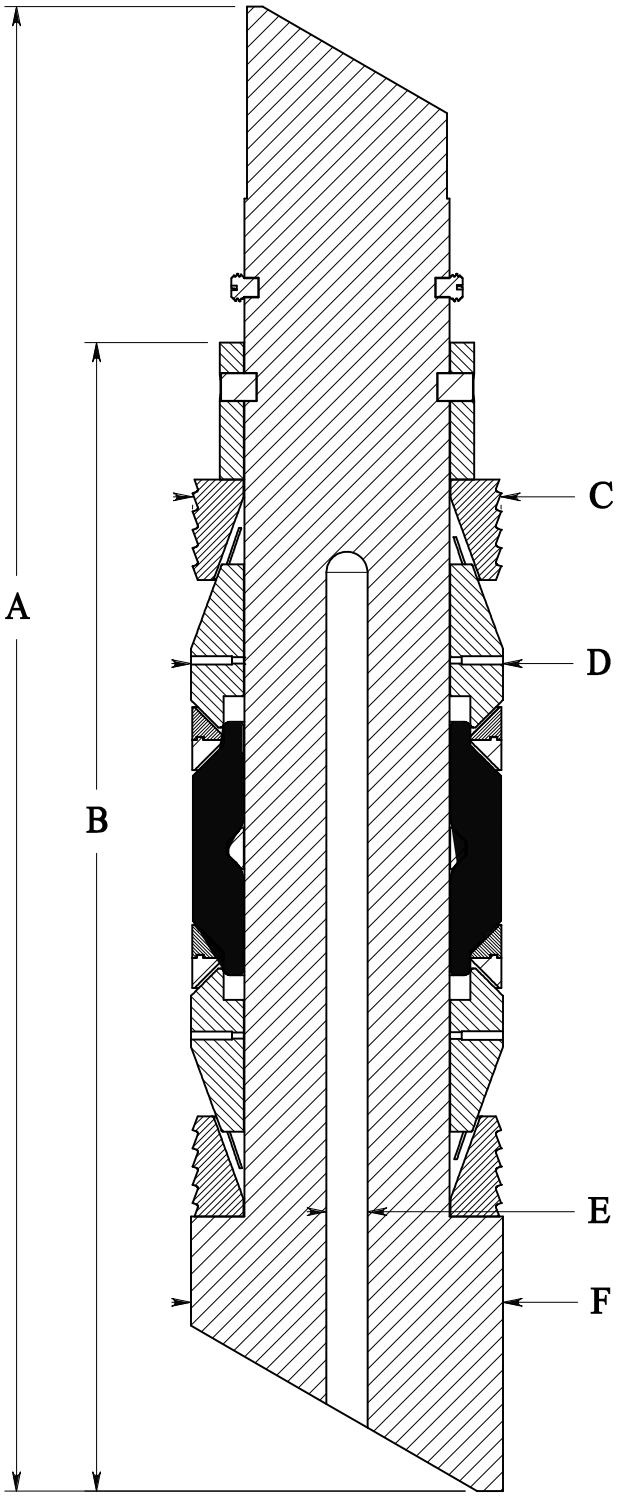
- Temporary zone isolation
- Temporary plug

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
47CCBP	7 177.8	6.530 166.06	6.000 152.40	17 – 35 25.3 – 52.1	5.69 144.5
48CCBP	7-5/8 193.68	7.250 184.15	6.620 168.15	20 – 39 29.76 – 58.04	6.31 160.27
49CCBP	8-5/8 219.1	8.090 205.66	7.430 188.72	24 - 52 35.7 - 77.4	7.12 180.85
51CCBP	9-5/8 244.5	9.060 230.20	8.370 212.59	29.3 – 61.1 43.6 – 90.9	8.12 206.20
55CCBP	13-3/8 339.73	12.715 322.96	12.191 309.65	48 – 72 71.43 – 107.15	12.00 304.80

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COMPOSITE TYPE-B BRIDGE PLUG



LENGTHS & DIAMETERS

TOOL	A	B	C	D	E	F
43CCBP	21.38	17.34	3.50	3.61	.50	3.61
44CCBP	21.38	17.63	3.87	3.93	.50	3.93
45CCBP	22.99	19.25	4.25	4.31	.50	4.31
47CCBP	26.46	20.35	5.63	5.69	.75	5.69
48CCBP	28.48	22.36	6.25	6.31	1.00	6.31
49CCBP	27.88	21.76	7.11	7.12	1.25	7.12
51CCBP	28.50	22.15	8.10	8.12	1.75	8.12
55CCBP	29.50	23.19	11.97	12.00	1.50	12.00

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COMPOSITE FRAC PLUG



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES 10K Composite Frac Plug provides a cost-effective alternative to temporarily isolate multiple zones for fracturing, or other treatments. The composite material allows for quicker drill times and less formation damage. Interlocking tapers on the top and bottom prevent plug remnants from rotating while removing multiple plugs.

FEATURES/BENEFITS

- Cost effective & dependable
- Nitrile elastomer element system
- One-piece, full circle slips
- Quick and easy drill-up
- Inter-locking taper on both top and bottom
- Tested at 350° F and 10,000 psi

APPLICATIONS

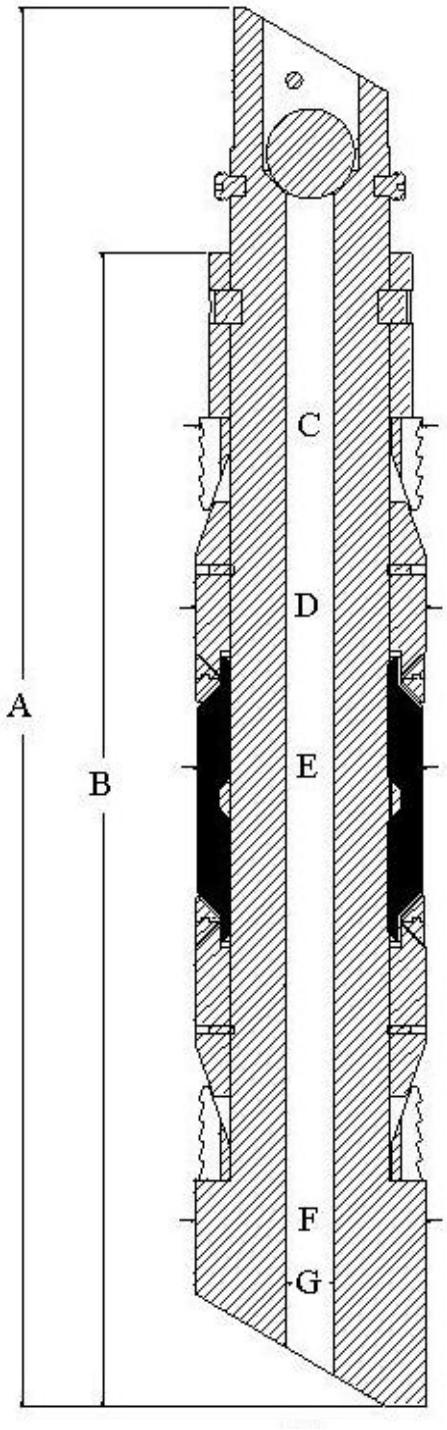
- Temporary zone isolation
- Fracturing
- Temporary plug

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
43CCFP	4-1/2 114.3	4.09 103.88	3.82 97.18	9.5 – 15.1 14.1 – 22.5	3.61 91.7
44CCFP	5 127	4.56 115.8	4.27 108.5	11.5 – 18 17.1 – 26.8	3.93 99.8
45CCFP	5-1/2 139.7	5.04 128.12	4.55 115.44	13 – 23 19.3 – 34.2	4.31 109.5
45CCFPB	5-1/2 139.7	5.04 128.12	4.65 18.19	13 – 20 19.3 – 29.8	4.50 114.3
47CCFP	7 177.8	6.53 166.06	6.00 152.40	17 – 35 25.3 – 52.1	5.69 144.5
49CCFP	8-5/8 219.1	8.09 205.66	7.43 188.72	24 - 52 35.7 - 77.4	7.12 180.85
51CCFP	9-5/8 244.5	9.06 230.20	8.37 212.59	29.3 - 61.1 43.6 - 90.9	8.12 206.3

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COMPOSITE FRAC PLUG



COMPOSITE FRAC PLUG LENGTHS & DIAMETERS

TOOL	*A*	*B*	*C*	*D*	*E*	*F*	*G*
43CCFP	23.50	19.65	3.50	3.61	3.58	3.59	0.75
44CCFP	21.38	17.63	3.88	3.93	3.90	3.93	0.75
45CCFP	24.73	20.98	4.25	4.31	4.31	4.25	1.00
45CCFPB	24.73	20.98	4.25	4.5	4.25	4.31	1.00
47CCFP	28.70	22.22	5.63	5.69	5.62	5.69	1.00
49CCFP	27.058	20.938	5.63	5.69	5.62	5.68	1.00
51CCFP	28.507	22.157	8.093	8.12	8.12	8.12	1.75

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COMPOSITE CEMENT RETAINER

SIZES 2-3/8” – 6-5/8”



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Composite Cement Retainer provides a cost-effective alternative as a dependable tubing or wireline set drillable retainer. The composite material allows for quicker drill times, less drill bit wear, and less formation damage. One-piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

- Composite cones, guide, and unique non-metal back-up rings
- Simple surface control valve
- Allows pressure testing before squeeze
- Reliable sliding valve automatically closes when the stinger is removed, locking in the squeeze pressure
- Valve protects sensitive zones in low fluid wells
- Simple conversion to bridge plug
- Mechanical or wireline set
- Easily drilled

TECHNICAL DATA

PRODUCT # Mechanical=M Wireline=W	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches/ mm	Inches/ mm	Inches/ mm	Lb/Ft/ Kg/m	Inches/ mm
*23CCRA-W	2-3/8 *60.33*	2.074 *52.68*	1.780 *45.21*	4 – 5.8 *5.95 – 8.63*	1.75 *44.45*
*27CCRA-W	2-7/8 *73.03*	2.441 *62.00*	2.347 *59.61*	6.4 – 7.8 *9.52 – 11.61*	2.23 *56.64*
*35CCRA-W	3-1/2 *88.90*	3.258 *82.75*	2.867 *72.82*	5.75 – 10.3 *8.56 – 15.33*	2.76 *70.10*
43CCR-M/W	4-1/2 *114.30*	4.090 *103.89*	3.820 *97.03*	9.5 – 15.1 *14.14 – 22.47*	3.61 *91.69*
44CCR-M/W	5 *127.00*	4.560 *115.82*	4.276 *108.61*	11.5 -18 *17.11 – 26.79*	3.93 *99.82*
45CCR-M/W	5-1/2 *139.70*	5.044 *128.12*	4.670 *118.62*	13 – 23 *19.35 – 34.23*	4.31 *109.47*
60CCR-M/W	6 *152.40*	5.352 *135.94*	5.240 *133.10*	20 – 22.8 *29.76 – 33.93*	5.115 *129.92*
46CCR-M/W	6-5/8 *168.28*	6.130 *155.70*	5.580 *141.73*	17 – 34.5 *25.30 – 51.34*	5.38 *136.65*

*- Uses a spring-loaded poppet valve. All other cement retainers listed are equipped with sliding valves

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COMPOSITE CEMENT RETAINER

SIZES 7” – 13-3/8”



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Composite Cement Retainer provides a cost-effective alternative as a dependable tubing or wireline set drillable retainer. The composite material allows for quicker drill times, less drill bit wear, and less formation damage. One-piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

- Composite cones, guide, and unique non-metal back-up rings
- Simple surface control valve
- Allows pressure testing before squeeze
- Reliable sliding valve automatically closes when the stinger is removed, locking in the squeeze pressure
- Valve protects sensitive zones in low fluid wells
- Simple conversion to bridge plug
- Mechanical or wireline set

TECHNICAL DATA

PRODUCT #	CASING				TOOL
Available as Mechanical or Wireline Set	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
47CCR	7 177.80	6.530 165.86	6.000 152.40	17 – 35 25.30 – 52.09	5.69 144.53
47CCR- 6.0	7-3/4 196.85	6.560 166.62	6.250 158.75	46.1 – 52.5 68.60 – 78.13	6.00 152.40
48CCR	7-5/8 193.68	7.250 184.15	6.620 168.15	20 – 39 29.76 – 58.04	6.31 160.27
49CCR	8-5/8 219.08	8.090 205.49	7.430 188.72	24 – 52 35.7 – 77.38	7.12 180.85
51CCR	9-5/8 244.48	9.060 230.12	8.370 212.60	29.3 – 61.1 43.6 – 90.93	8.12 206.25
53CCR	10-3/4 273.05	10.192 258.88	9.660 245.36	32.7 – 60.7 48.66 – 90.33	9.44 239.78
54CCR	11-3/4 298.45	11.150 283.21	10.772 273.61	38 – 60 56.55 – 89.29	10.43 264.92
55CCR	13-3/8 339.73	12.715 322.96	12.191 309.65	48 – 72 71.43 – 107.15	12.00 304.80

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SEMI-COMPOSITE CEMENT RETAINER



Mechanical Semi-Composite Cement Retainer Show

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIE Semi-Composite Cement Retainer provides a cost-effective alternative as a dependable tubing or wireline set drillable retainer. The composite material allows for quicker drill times, less drill bit wear, and less formation damage. One-piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

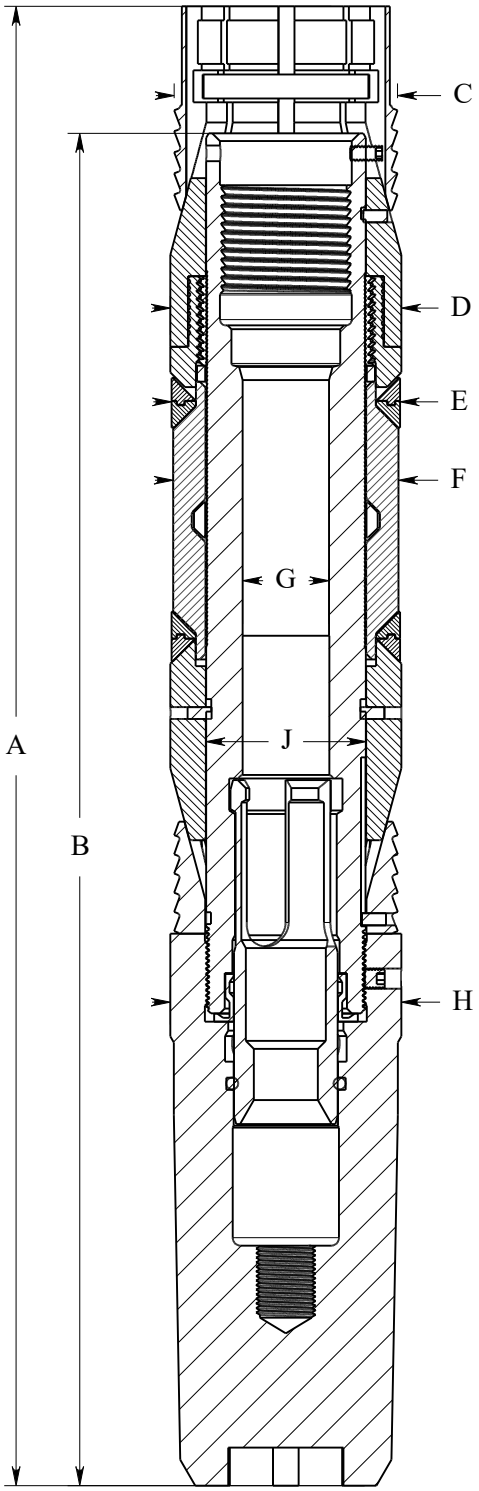
- Composite cones and unique non-metal back-up rings
- Simple surface control valve
- Allows pressure testing before squeeze
- Reliable sliding valve automatically closes when the stinger is removed, locking in the squeeze pressure
- Valve protects sensitive zones in low fluid wells
- Simple conversion to bridge plug
- Mechanical or wireline set
- Easily drilled

TECHNICAL DATA

PRODUCT # Mechanical= M Wireline= W	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
43SCCR-M/W	4-1/2 *114.30*	4.090 *103.89*	3.820 *97.03*	9.5 – 15.1 *14.14 – 22.47*	3.61 *91.69*
44SCCR-M/W	5 *127.00*	4.560 *115.82*	4.276 *108.61*	11.5 -18 *17.11 – 26.79*	3.93 *99.82*
45SCCR-M/W	5-1/2 *139.70*	5.044 *128.12*	4.670 *118.62*	13 – 23 *19.35 – 34.23*	4.31 *109.47*
60SCCR-M/W	6 *152.40*	5.352 *135.94*	5.240 *133.10*	20 – 22.8 *29.70 – 33.93*	5.115 *129.92*
46SCCR-M/W	6-5/8 *168.28*	6.130 *155.70*	5.580 *141.73*	17 – 34.5 *25.30 – 51.34*	5.38 *136.65*
47SCCR-M/W	7 *177.80*	6.530 *165.86*	6.000 *152.40*	17 – 35 *25.30 – 52.09*	5.69 *144.53*
48SCCR-M/W	7-5/8 *193.68*	7.250 *184.15*	6.620 *168.15*	20 – 39 *29.76 – 58.04*	6.31 *160.27*
49SCCR-M/W	8-5/8 *219.08*	8.090 *205.49*	7.430 *188.72*	24 – 52 *35.72 – 77.38*	7.12 *180.85*
51SCCR-M/W	9-5/8 *244.48*	9.060 *230.12*	8.370 *212.60*	29.3 – 61.1 *43.60 – 90.93*	8.12 *206.25*
53SCCR-A1-M/W	10-3/4 *273.05*	9.979 *253.47*	9.112 *231.44*	51 – 79.2 *75.89 – 117.86*	9.03
53SCCR-M/W		10.192 *258.88*	9.660 *245.36*	32.7 – 60.7 *48.66 – 90.33*	9.94 *252.48*
54SCCR-A1-M/W	11-3/4 *298.45*	10.772 *273.61*	10.368 *263.35*	60 - 83 *40.31 – 55.77*	10.43 *264.92*
54SCCR-M/W		11.150 *283.21*	10.772 *273.61*	38 – 60 *56.55 – 89.29*	10.43 *264.92*
55SCCR-M/W	13-3/8 *339.73*	12.715 *322.96*	12.191 *309.65*	48 – 72 *71.43 – 107.15*	12.00 *304.80*

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SEMI-COMPOSITE CEMENT RETAINER



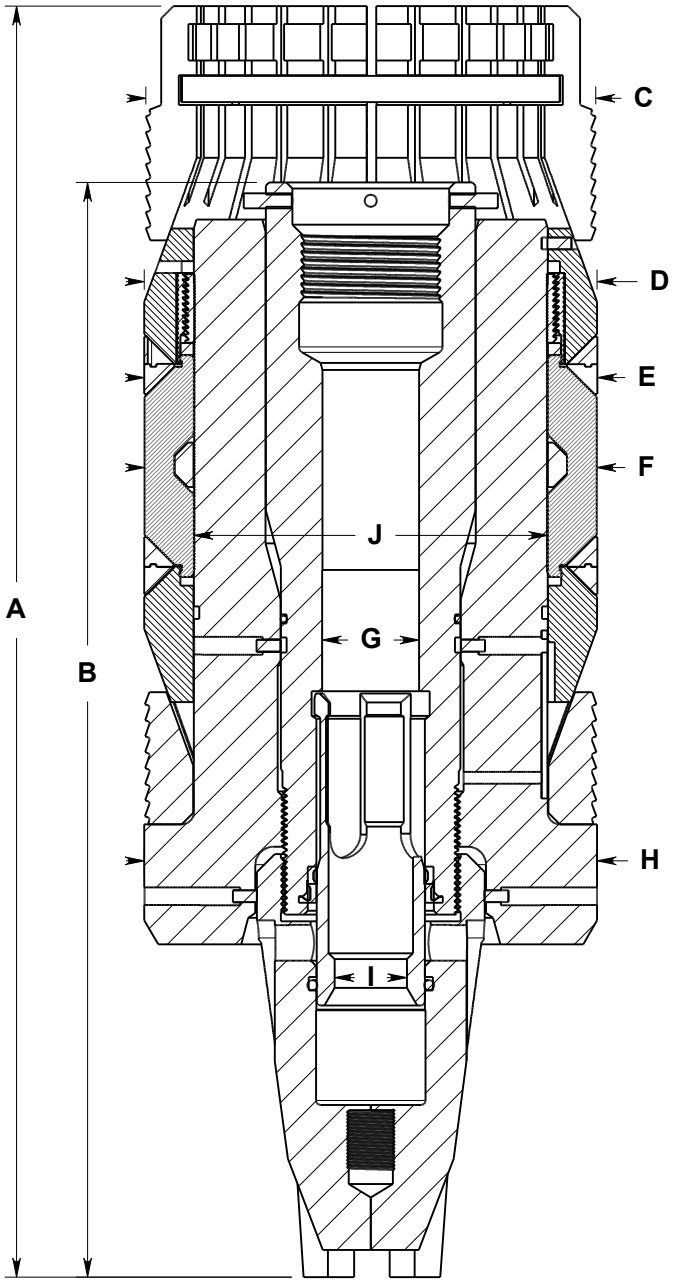
4-1/2" - 7-5/8"
SEMI-COMPOSITE CEMENT RETAINER
LENGTH & DIAMETERS

PRODUCT #	SIZE	MEASUREMENT									
Mechanical = M Wireline = W	Inches/ mm	A M/W	B	C	D	E	F	G	H	I	J
43SCCR-M/W	4-1/2 114.30	22.93/ 21.61	21.15	3.49	3.61	3.57	3.52	1.35	3.59	1.00	2.495
44SCCR-M/W	5.0 127.00	22.93/ 21.61	21.15	3.88	3.93	3.89	3.90	1.35	3.86	1.00	2.495
45SCCR-M/W	5-1/2 139.70	22.29/ 20.94	20.50	4.30	4.31	4.31	4.25	1.35	4.31	1.00	2.615
60SCCR-M/W	6.0 152.40	24.28/ 22.93	22.82	5.12	5.12	5.12	5.12	2.02	5.12	1.51	3.745
46SCCR-M/W	6-5/8 168.28	24.65/ 23.57	22.82	5.31	5.38	5.34	5.25	2.02	5.38	1.51	3.745
47SCCR-M/W	7.0 177.80	24.54/ 23.15	22.82	5.63	5.69	5.64	5.62	2.02	5.69	1.51	3.745
48SCCR-M/W	7-5/8 193.68	25.50/ 23.22	22.70	6.25	6.31	6.26	6.26	2.02	6.32	1.51	4.370

*** DARK HATCHING INDICATES NON-METALLIC MATERIALS**

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SEMI-COMPOSITE CEMENT RETAINER



8-5/8" - 13-3/8"
SEMI-COMPOSITE CEMENT RETAINER
LENGTH & DIAMETERS

PRODUCT #	SIZE	MEASUREMENT									
Mechanical = M Wireline = W	Inches/ mm	A M/W	B	C	D	E	F	G	H	I	J
49SCCR-M/W	8-5/8 219.08	26.55/ 24.24	22.87	7.07	7.13	7.11	7.13	2.02	7.13	1.51	3.745
51SCCR-M/W	9-5/8 244.48	26.11/ 23.94	22.85	8.07	8.13	8.12	8.12	2.02	8.13	1.51	4.365
53SCCR-M/W	10-3/4 273.05	26.48/ 24.23	22.79	9.38	9.44	9.44	9.42	2.02	9.44	1.51	4.365
54SCCR-M/W	11-3/4 298.45	25.84/ 24.02	22.85	10.37	11.99	10.43	11.92	2.02	10.43	1.51	4.365
55SCCR-M/W	13-3/8 339.73	26.44/ 24.26	22.87	11.96	11.99	12.00	11.92	2.02	11.99	1.51	4.365

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SEMI-COMPOSITE BRIDGE PLUG





5=1/2" Mechanical Semi-Composite Bridge Plug Shown

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Semi-Composite Bridge Plug provides a cost-effective alternative as a dependable tubing or wireline set drillable plug. The composite material allows for quicker drill times, less drill bit wear, and less formation damage. One-piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

- Composite cones and unique non-metal back-up rings
- Cost effective & dependable
- Allows pressure testing before squeeze
- Nitrile Elastomer element system
- Materials are compatible with P-110 casing
- Simple conversion to cement retainer
- Mechanical or wireline set
- Easily drilled

TECHNICAL DATA

PRODUCT # Available as Mechanical or Wireline Set	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
43SCCP	4-1/2 114.3	4.09 103.9	3.82 97.18	9.5 – 15.1 14.1 – 22.5	3.61 91.7
44SCCP	5 127	4.56 115.8	4.27 108.5	11.5 -18 17.1 – 26.8	3.93 99.8
45SCCP	5-1/2 139.7	5.04 128.1	4.67 118.6	13 – 23 19.5 – 34.2	4.31 109.5
45SCCP-4.5	5-3/4 146.1	5.19 131.8	4.86 123.4	17 – 22.5 25.3 – 33.5	4.5 114.3
60SCCP	6 152.40	5.35 135.9	5.24 133.1	20 – 22.8 29.7 – 33.9	5.12 129.9
46SCCP	6-5/8 168.3	6.13 409.82	5.58 141.73	17 – 34.5 25.3 – 51.3	5.38 136.7
47SCCP	7 177.8	6.53 166.1	6.00 152.4	17 – 35 25.3 – 52.1	5.69 144.5
47SCCP-6.0	7-3/4 196.9	6.56 166.7	6.25 158.7	46.1 – 52.5 68.7 – 78.2	6.00 152.4
48SCCP	7-5/8 193.7	7.25 181.0	6.62 168.1	20 – 39 29.76 – 58	6.31 160.3
49SCCP	8-5/8 219.1	8.09 205.66	7.43 188.72	24 – 52 35.7 – 77.4	7.12 180.9
51SCCP	9-5/8 244.5	9.06 230.2	8.37 212.6	29.3 – 61.1 43.6 – 90.9	8.12 212.1
53SCCP	10-3/4 273.1	10.192 258.9	9.66 245.36	32.7 – 60.7 48.7 – 90.3	9.44 239.7
54SCCP	11-3/4 298.5	11.15 283.2	10.772 273.61	38 – 60 56.6 – 89.29	10.432 265.0
55SCCP	13-3/8 339.8	12.715 323.0	12.559 319.0	48 – 72 71.4 – 107.2	11.995 304.7

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REV 1 – 04/18/2023

ALUMINUM SEMI–COMPOSITE CEMENT RETAINER



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Aluminum Cement Retainer is a dependable tubing or wire-line set drillable retainer. One-piece heat-treated slips provide secure setting.

FEATURES/BENEFITS

- Aluminum mandrel and guide
- Composite back-up rings and cones
- Simple surface control valve
- Allows pressure testing before squeeze
- Valve automatically closes when the stinger is removed, locking in the squeeze pressure
- Valve protects sensitive zones in low fluid wells
- Simple conversion to a bridge plug
- Mechanical or wire-line set
- Easily drilled

TECHNICAL DATA

PRODUCT # M= Mechanical W= Wire-line	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
43SCCR-M/W-AL	4-1/2 *114.30*	4.090 *103.89*	3.820 *97.03*	9.5 – 15.1 *14.14 – 22.47*	3.61 *91.69*
44SCCR-M/W-AL	5 127.00	4.560 115.82	4.276 108.61	11.5 – 18 17.11 – 26.79	3.93 99.82
45SCCR-M/W-AL	5-1/2 *139.70*	5.044 *128.12*	4.670 *118.62*	13 – 23 *19.35 – 34.23*	4.31 *109.47*
	5-3/4 *146.05*			21.9- 24.4 *32.59 - 36.31*	
47SCCR-M/W-AL	7 *177.80*	6.530 *165.86*	6.000 *152.40*	17 – 35 *25.30 – 52.09*	5.69 *144.53*
49SCCR-M/W-AL	8-5/8 *219.08*	8.097 *205.66*	7.125 *180.98*	24 – 49 *35.72 – 72.92*	7.125 *180.98*
51SCCR-M/W-AL	9-5/8 *244.48*	9.063 *230.12*	8.375 *212.60*	29.3 – 61.1 *43.60 – 90.93*	8.125 *206.25*

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COMPOSITE (C2) FRAC BALL

REFERENCE AND COMPARISON DATA

PROPERTY	UNIT	VALUE
Specific Gravity	g/cc	1.8
Rockwell Hardness	M Scale	120
Water Absorption	%	0.015
Tensile Strength	psi	73,099
Compressive Strength	psi	103,121
Flexural Strength, LW	psi	99,785
Flexural Strength, CW	psi	98,190
Flexural Modulus, LW	kpsi	4,771
Shear Strength, LW	psi	29,000
Impact Strength - Charpy, LW	Ft - lbs / in	47.0
Impact Strength - Charpy, CW	Ft - lbs / in	47.0
Maximum Operating Temperature	°C	180
Coefficient of Thermal Expansion	PPM /°C	13
Flammability	Class	HB

**NOTE: The information contained herein are typical values intended for reference and comparison purposes only. They should not be used as a basis for design specifications or quality control.

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COMPOSITE FRAC BALL

TECHNICAL DATA

WCT COMPOSITE FRAC BALL			
PART SIZE	**TOLERANCE**	**PART SIZE**	**TOLERANCE**
1.000	.000/-.005	2.875	.000/-.005
1.063	.000/-.005	2.938	.000/-.005
1.125	.000/-.005	3.000	.000/-.005
1.188	.000/-.005	3.063	.000/-.005
1.250	.000/-.005	3.125	.000/-.005
1.313	.000/-.005	3.188	.000/-.005
1.375	.000/-.005	3.25	.000/-.005
1.438	.000/-.005	3.313	.000/-.005
1.500	.000/-.005	3.375	.000/-.005
1.563	.000/-.005	3.438	.000/-.005
1.625	.000/-.005	3.500	.000/-.005
1.688	.000/-.005	3.563	.000/-.005
1.750	.000/-.005	3.625	.000/-.005
1.813	.000/-.005	3.688	.000/-.005
1.875	.000/-.005	3.750	.000/-.005
1.938	.000/-.005	3.813	.000/-.005
2.000	.000/-.005	3.875	.000/-.005
2.063	.000/-.005	3.938	.000/-.005
2.125	.000/-.005	4.00	.000/-.005
2.188	.000/-.005	4.063	.000/-.005
2.250	.000/-.005	4.125	.000/-.005
2.313	.000/-.005	4.188	.000/-.005
2.375	.000/-.005	4.250	.000/-.005
2.438	.000/-.005	4.313	.000/-.005
2.500	.000/-.005	4.375	.000/-.005
2.563	.000/-.005	4.438	.000/-.005
2.625	.000/-.005	4.500	.000/-.005
2.688	.000/-.005	4.563	.000/-.005
2.750	.000/-.005	4.625	.000/-.005
2.813	.000/-.005	4.750	.000/-.005



**NOTES:

1. The ball will be measured in multiple orientations.
2. The Surface finish of the ball shall be less than or equal to 64 µin RMS.
3. NO measurement of the ball shall be outside of the specified tolerance range.

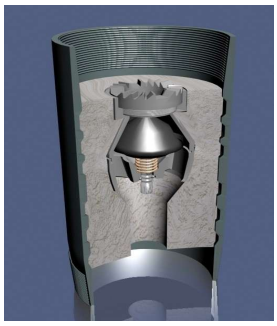
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FLOAT EQUIPMENT

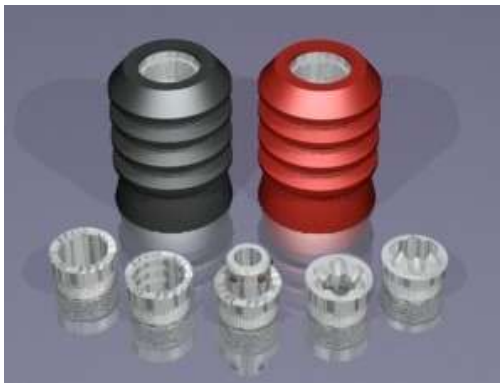
DESCRIPTION



The float equipment manufactured by WCT is designed to meet or exceed API requirements. This equipment is available as a Float Shoe or Float Collar in different sizes and designs. The WCT Float Collar is also available in standard configuration and in the WCT anti-rotational system. The WCT anti-rotational system is designed to adapt to other anti-rotational systems on the market. Field tests have demonstrated the WCT anti-rotational seat profile and displacement plug system using PDC bits can reduce drill-up times by up to 90%.



VALVE SIZE	FLOW AREA	FLOW AREA AUTOFILL	DEACTIVATION RATE
Inch/ *mm*	Inch²/ *mm²*	Inch²/ *mm²*	bb/min
3-1/2 *88.9*	6.7 *4322.57*	5.5 *3548.38*	4 - 8
5-1/2 *139.7*	14.5 *9354.82*	12.0 *7741.92*	



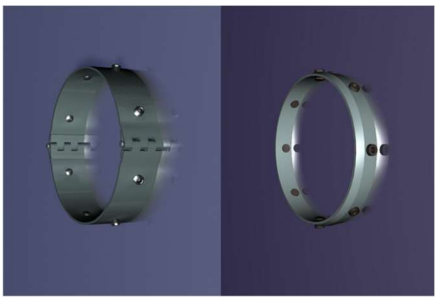
Latch-On System for Displacement Plugs

The latch system for cementing plugs prevents the return of cementing fluids inside the casing in the event of float collar or float shoe failure.

An important feature of this new system of cementing plugs is that it allows the exchange of non-rotating devices from other manufacturers, thereby reducing inventory requirements and the inconvenience of not having the right equipment at the right time.

Stop Collar

Stop collars are two-piece models that grip the pipe and are secured with radial adjustment bolts. This design has superior gripping capabilities and installation is quick and easy.



Integral Retaining Rings

Integral Retaining Rings have a radial adjustment system using high resistance allen screws and bolts that fit against the casing and are used when extreme force is required.

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FLOAT EQUIPMENT

FLOAT SHOE and FLOAT COLLAR TECHNICAL DATA

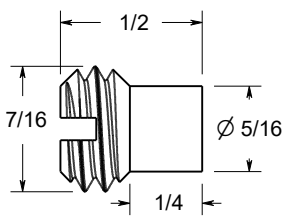
WYOMING COMPLETION TECHNOLOGIES

FLOAT EQUIPMENT GRADE & WEIGHT											
CASING O.D.	FLOAT SHOE/ FLOAT COLLAR DIMENSIONS					FLOAT SHOE CSG/LCSG SHORT RND LONG 8 RND		FLOAT COLLAR BCSG BTC		FLOAT SHOE & GUIDE SHOE CSG/LCSG & BCSG	
	MATERIAL GRADE	NOMINAL O.D.		NOMINAL I.D.							
Inch/*mm*		Inch	*mm*	Inch	*mm*	lbs/ft	kg/m	lbs/ft	kg/m	lbs/ft	*kg/m*
4-1/2 *114.3*	K-55	5.00	127.0	4.050	102.9	9.5 – 11.6	14.1 – 17.3	10.5 – 11.6	15.6 – 17.2	9.5 – 15.1	14.1 – 22.4
	L/N-80			4.000	101.6	11.6 – 15.1	17.2 – 22.4	11.6 – 15.1	17.2 – 22.4		
	P-110			3.920	99.6	13.5 – 15.1	20.0 – 22.4	13.5 – 15.1	20.0 – 22.4		
5 *127.0*	K-55	5.560	141.2	4.560	115.8	11.5 – 15.0	17.1 – 22.3	13.0 – 15.0	19.3 – 22.3	11.5 – 24.1	17.1 – 35.8
	L/N-80			4.408	112.0	15.0 – 18.0	22.3 – 26.7	15.0 – 18.0	22.3 – 26.7		
	P-110	5.600	142.2	4.276	108.6	18.0 – 24.1	26.7 – 35.8	18.0 – 24.1	26.7 – 35.8		
5-1/2 *139.7*	K-55	6.050	153.7	5.012	127.3	14.0 – 17.0	20.8 – 25.2	14.0 – 17.0	20.8 – 25.2	14.0 – 43.1	20.8 – 64.1
	L/N-80			4.778	121.4	20.0 – 26.8	29.7 – 39.8	20.0 – 26.8	29.7 – 39.8		
	P-110			4.670	118.6	23.0 – 26.8	34.2 – 39.8	23.0 – 26.8	34.2 – 39.8		
6-5/8 *168.3*	K-55	7.390	187.7	6.120	155.4	17.0 – 24.0	25.2 – 35.7	20.0 – 24.0	29.7 – 35.7	17.0 – 32.0	25.2 – 47.6
	L/N-80			5.921	150.4	24.0 – 28.0	35.7 – 41.6	24.0 – 28.0	35.7 – 41.6		
	P-110			5.791	147.1	28.0 – 32.0	41.6 – 47.6	28.0 – 32.0	41.6 – 47.6		
7 *177.8*	K-55	7.656	194.5	6.506	165.3	17.0 – 23.0	25.2 – 34.2	17.0 – 23.0	25.2 – 34.2	17.0 – 57.1	25.2 – 84.9
	L/N-80			6.276	159.4	23.0 – 32.0	34.2 – 47.6	23.0 – 32.0	34.2 – 47.6		
	P-110			6.004	152.5	35.0 – 42.7	52.0 – 63.5	35.0 – 42.7	52.0 – 63.5		
7-5/8 *193.7*	K-55	8.500	215.9	7.025	178.4	20.0 – 26.4	29.7 – 39.2	20.0 – 26.4	29.7 – 39.2	20.0 – 55.3	29.7 – 82.2
	L/N-80			6.875	174.6	29.7 – 33.7	44.1 – 50.1	29.7 – 33.7	44.1 – 50.1		
	P-110			6.765	171.8	33.7 – 42.8	50.1 – 63.6	33.7 – 42.8	50.1 – 63.6		
8-5/8 *219.1*	K-55	9.625	244.5	8.097	205.7	24.0 – 32.0	35.7 – 47.6	24.0 – 32.0	35.7 – 47.6	24.0 – 49.0	35.7 – 72.9
	L/N-80			7.825	198.8	36.0 – 44.0	53.5 – 65.4	36.0 – 44.0	53.5 – 65.4		
	P-110			7.725	196.2	40.0 – 49.0	59.5 – 72.9	40.0 – 49.0	59.5 – 72.9		
9-5/8 *244.5*	K-55	10.625	269.9	9.063	230.2	29.3 – 40.0	43.6 – 59.5	29.3 – 40.0	43.6 – 59.5	29.3 – 75.6	43.6 – 112.5
	L/N-80			8.755	222.4	43.5 – 53.5	64.7 – 79.6	43.5 – 53.5	64.7 – 79.6		
	P-110			8.435	214.2	58.4 – 70.3	86.9 – 104.6	58.4 – 70.3	86.9 – 104.6		
10-3/4 *273.1*	K-55	11.750	298.5	10.174	258.4	32.5 – 45.5	48.3 – 67.7	32.5 – 45.5	48.3 – 67.7	32.8 – 85.3	48.8 – 126.9
	K-55			9.950	252.7	45.5 – 51.0	67.7 – 75.8	45.5 – 51.0	67.7 – 75.8		
	L/N-80			9.850	250.2	51.0 – 55.5	75.8 – 82.5	51.0 – 55.5	75.8 – 82.5		
	P-110					51.0 – 65.7	75.8 – 97.7	51.0 – 65.7	75.8 – 97.7		
11-3/4 *298.5*	K-55	12.750	323.9	11.125	282.6	38.0 – 47.0	56.5 – 69.9	38.0 – 47.0	56.5 – 69.9	38.0 – 71.0	56.5 – 105.6
	K-55			10.880	276.4	54.0 – 60.0	80.3 – 89.2	54.0 – 60.0	80.3 – 89.2		
	L/N-80										
	P-110			10.772	273.6	60.0 – 71.0	89.2 – 105.6	60.0 – 71.0	89.2 – 105.6		
13-3/8 *339.7*	K-55	14.375	365.1	12.803	325.2	48.0 – 61.0	71.4 – 90.7	48.0 – 61.0	71.4 – 90.7	48.0 – 72.0	71.4 – 107.1
	K-55			12.515	317.9	61.0 – 68.0	90.7 – 101.1	61.0 – 68.0	90.7 – 101.1		
	L/N-80			12.415	315.3	68.0 – 72.0	101.1 – 107.1	68.0 – 72.0	101.1 – 107.1		
	P-110										
16 *406.4*	K-55	17.00	431.8	15.334	389.5	55.0 – 84.0	81.8 – 125.0	55.0 – 84.0	81.8 – 125.0	55.0 – 109.0	81.8 – 162.2
				15.010	381.3	84.0 – 109.0	125.0 – 162.2	84.0 – 109.0	125.0 – 162.2		
18-5/8 *473.1*	K-55	20.00	508.0	17.906	454.8	87.5 – 96.5	130.2 – 143.6	87.5 – 96.5	130.2 – 143.6	87.5	126.4
				17.755	451.0	112.0	166.6	112.0	166.6		
20 *508.0*	K-55	21.00	533.4	19.332	491.0	94.0	139.8	94.0	139.8	94.0 – 133.0	139.8 – 197.9
				19.000	482.6	106.5 – 133.0	158.4 – 197.9	106.5 – 133.0	158.4 – 197.9		

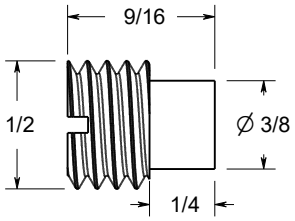
WYOMING COMPLETION TECHNOLOGIES
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Email: sales@wyomingcompletions.com
Website: www.wyomingcompletions.com

SHEAR STUDS

SHEAR SCREWS FOR COMPOSITE BRIDGE/FRAC PLUGS



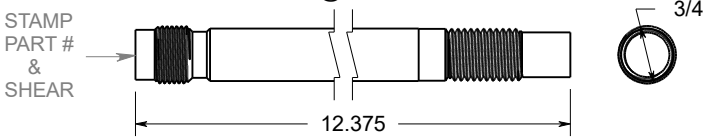
7/16-14 x 1/2 SHEAR SCREW
Shear- (6) @ 24-25K lbs.



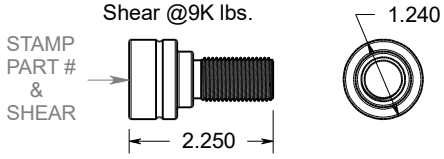
1/2-13 x 9/16 SHEAR SCREW
Shear- (8) @ 43-44K lbs.

CEMENT RETAINER SHEAR STUDS

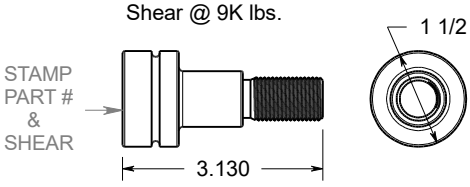
23CR16 - SHEAR STUD
Shear @ 9K lbs.



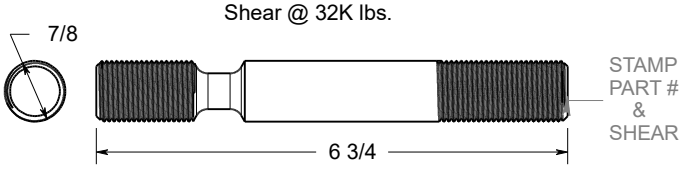
27CR16 - SHEAR STUD
Shear @9K lbs.



35CR16 - SHEAR STUD
Shear @ 9K lbs.

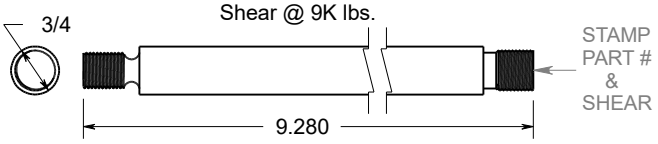


43CR16-35K - SHEAR STUD
Shear @ 32K lbs.

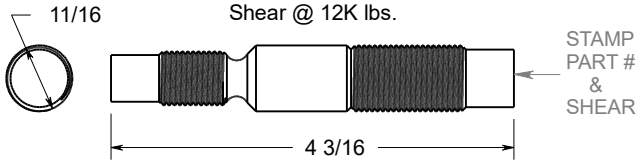


BRIDGE PLUG SHEAR STUDS

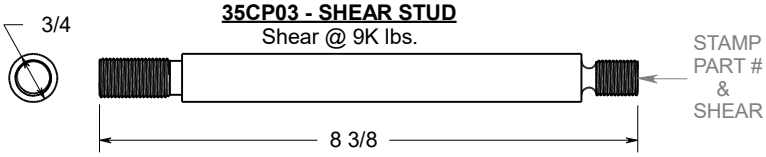
27CP03 - SHEAR STUD
Shear @ 9K lbs.



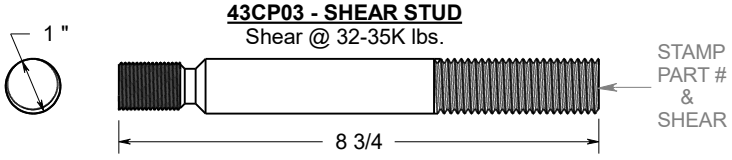
27CP03-G - SHEAR STUD
Shear @ 12K lbs.



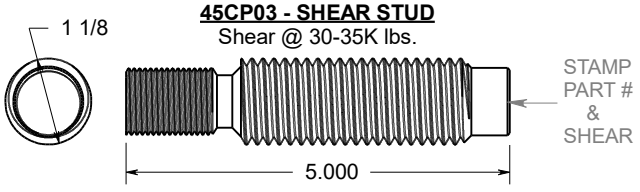
35CP03 - SHEAR STUD
Shear @ 9K lbs.



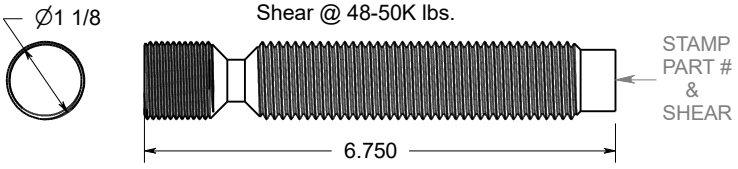
43CP03 - SHEAR STUD
Shear @ 32-35K lbs.



45CP03 - SHEAR STUD
Shear @ 30-35K lbs.

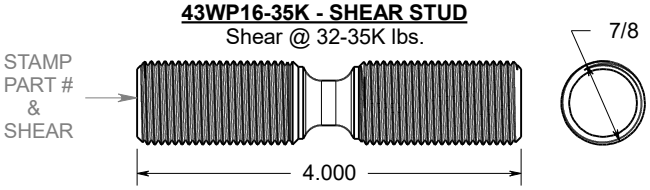


47CP03 - SHEAR STUD
Shear @ 48-50K lbs.

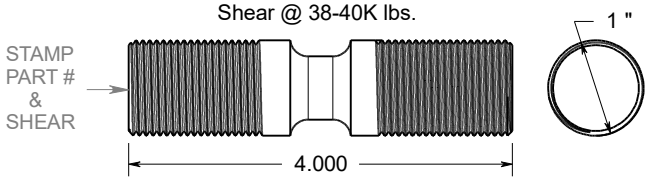


WIRELINE BRIDGE PLUG SHEAR STUDS

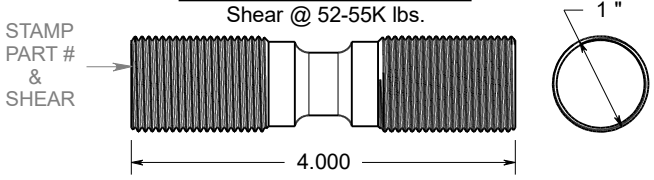
43WP16-35K - SHEAR STUD
Shear @ 32-35K lbs.



45WP16-40K - SHEAR STUD
Shear @ 38-40K lbs.



45WP16-55K - -SHEAR STUD
Shear @ 52-55K lbs.



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SHEAR STUDS

SHEAR STUD	TOOL	SHEAR STUD	TOOL
23CR16	2-3/8" Cement Retainer	**1/2"-13 x 9/16" Shear Screw**	7" Composite Bridge & Frac Plugs
27CP03	2-3/8" Type "B" Bridge Plug	**43WP16-35K**	4-1/2" Wireline Bridge Plug – Type "A"
	2-7/8" Type "B" Bridge Plug		5" Wireline Bridge Plug – Type "A"
			5-1/2" Wireline Bridge Plug – Type "A"
27CP03-G	2-7/8" Type "B" Bridge Plug-GO		4-1/2" Wireline Retrievable Bridge Plug "WP"
	3-1/2" Type "B" Bridge Plug-GO		5" Wireline Retrievable Bridge Plug "WP"
			4-1/2" Wireline Retrievable Frac Plug "WFP"
27CR16	2-7/8" Cement Retainer		5" Wireline Retrievable Frac Plug "WFP"
			4-1/2" Type "A" Bridge Plug Mech. To Wire. Conversion
35CP03	3-1/2" Type "B" Bridge Plug		5-1/2" Type "A" Bridge Plug Mech. To Wire. Conversion
35CR16	3-1/2" Cement Retainer	**45WP16-55K**	6-5/8" Wireline Set Cement Retainer
			7" Wireline Set Cement Retainer
43CR16-35K	4-1/2" Wireline Set Cement Retainer		7-5/8" Wireline Set Cement Retainer
	5" Wireline Set Cement Retainer		8-5/8" Wireline Set Cement Retainer
	5-1/2" Wireline Set Cement Retainer		9-5/8" Wireline Set Cement Retainer
	4-1/2" Cement Retainer Mech. To Wire. Conversion		10-3/4" Wireline Set Cement Retainer
	5-1/2" Cement Retainer Mech. To Wire. Conversion		11-3/4" Wireline Set Cement Retainer
			13-3/8" Wireline Set Cement Retainer
43CP03	4-1/2" Type "B" Bridge Plug		16" Wireline Set Cement Retainer
	5" Type "B" Bridge Plug		6-5/8" Wireline Bridge Plug – Type "A"
	4-1/2" Cast Iron Frac Plug		7" Wireline Bridge Plug – Type "A"
			7-5/8" Wireline Bridge Plug – Type "A"
45CP03	5-1/2" Type "B" Bridge Plug		8-5/8" Wireline Bridge Plug – Type "A"
	5-1/2" Cast Iron Frac Plug		9-5/8" Wireline Bridge Plug – Type "A"
			10-3/4" Wireline Bridge Plug – Type "A"
47CP03	6-5/8" Type "B" Bridge Plug		11-3/4" Wireline Bridge Plug – Type "A"
	7" Type "B" Bridge Plug		13-3/8" Wireline Bridge Plug – Type "A"
	7-5/8" Type "B" Bridge Plug		16" Wireline Bridge Plug – Type "A"
	8-5/8" Type "B" Bridge Plug		5-1/2" Wireline Retrievable Bridge Plug "WP"
	9-5/8" Type "B" Bridge Plug		7" Wireline Retrievable Bridge Plug "WP"
	10-3/4" Type "B" Bridge Plug		7-5/8" Wireline Retrievable Bridge Plug "WP"
	11-3/4" Type "B" Bridge Plug		8-5/8" Wireline Retrievable Bridge Plug "WP"
	13-3/8" Type "B" Bridge Plug		9-5/8" Wireline Retrievable Bridge Plug "WP"
	16" Type "B" Bridge Plug		13-3/8" Wireline Retrievable Bridge Plug "WP"
7/16"-14 x 1/2" Shear Screw	4-1/2" – 5-1/2" Composite Bridge & Frac Plugs		

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DISSOLVABLE BRIDGE PLUG



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Dissolvable Bridge Plug is designed as a reliable tool to temporarily isolate multiple zones for fracturing or other treatments. The dissolvable material allows non-drill removal, saving time and money over conventional removal means. The Dissolvable Bridge Plug can be set on wireline.

FEATURES/BENEFITS

- Dissolvable metal body and components
- Proprietary dissolving elastomer element system
- One-piece slips with powdered metal (dissolvable) buttons
- Materials are compatible with P-110 and Q125 casing
- No drill-up required
- Compatible with standard wireline pressure setting tools or many hydraulic setting tools

APPLICATIONS

- Temporary zone isolation
- Fracturing
- Temporary plug

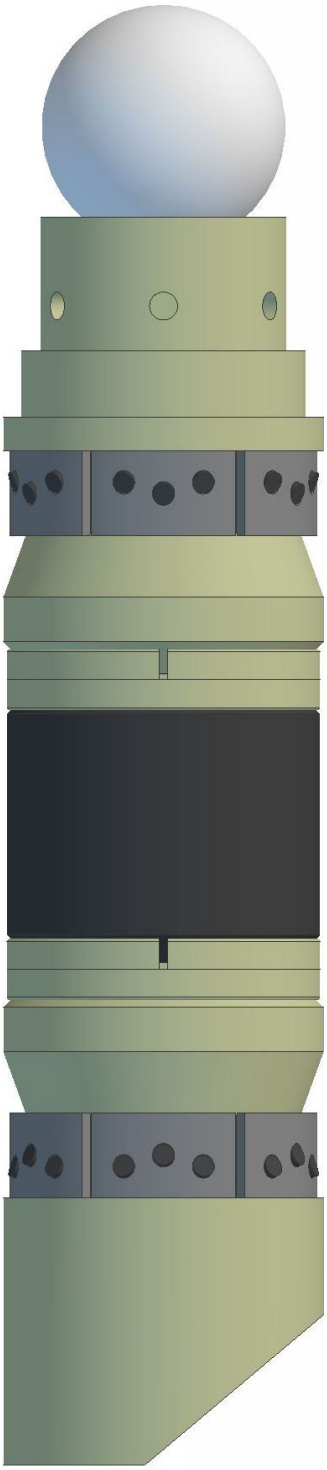
TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches/ mm	Inches/ mm	Inches/ mm	lb./Ft / Kg/m	Inches/ mm
27DSBP	2-7/8 73.03	2.441 62.00	2.347 59.61	6.4 – 7.8 9.52 – 11.61	2.23 56.64
35DSBP	3-1/2 88.90	3.068 77.93	2.992 76.00	5.75 – 10.3 8.56 – 15.33	2.76 70.10
43DSBP	4-1/2 114.3	4.153 105.49	3.750 95.25	9.5 – 15.1 20.95 -33.30	3.61 91.70
45DSBP	5-1/2 139.70	5.044 128.12	4.670 118.62	13.0 – 23.0 19.35 – 34.23	4.31 109.47

PATENT #11,352,540

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DISSOLVABLE FRAC PLUG



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Dissolvable Frac Plug is designed as a reliable tool to temporarily isolate multiple zones for fracturing or other treatments. The dissolvable material allows non-drill removal, saving time and money over conventional removal means. The Dissolvable Frac Plug can be set on wireline.

FEATURES/BENEFITS

- Dissolvable metal body and components
- Proprietary dissolving elastomer element system
- One-piece slips with powdered metal (dissolvable) buttons
- Materials are compatible with P-110 and Q125 casing
- Top equalizing
- No drill-up required
- Compatible with standard wireline pressure setting tools or many hydraulic setting tools

APPLICATIONS

- Temporary zone isolation
- Fracturing
- Temporary plug

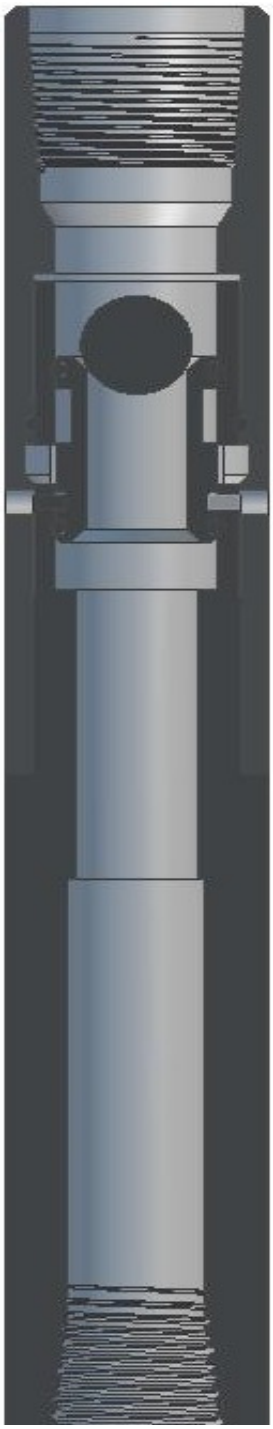
TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches mm	Inches mm	Inches mm	Lb/Ft Kg/m	Inches mm
27DSFP	2-7/8 73.03	2.441 62.00	2.347 59.61	6.4 – 7.8 9.52 – 11.61	2.23 56.64
35DSFP	3-1/2 88.90	3.068 77.93	2.992 76.00	5.75 – 10.3 8.56 – 15.33	2.76 70.10
43DSFP	4-1/2 114.3	4.153 105.49	3.750 95.25	9.5 – 15.1 20.95 -33.30	3.61 91.7
45DSFP	5-1/2 139.70	5.044 128.12	4.670 118.62	13 23 19.35 – 34.23	4.31 109.47

PATENT #11,352,540

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Drop-Off Bit Sub



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Drop Off Bit Sub is a dependably designed disconnect tool to hydraulically pump a bit or mill off the end of a drill or tubing string.

FEATURES/BENEFITS

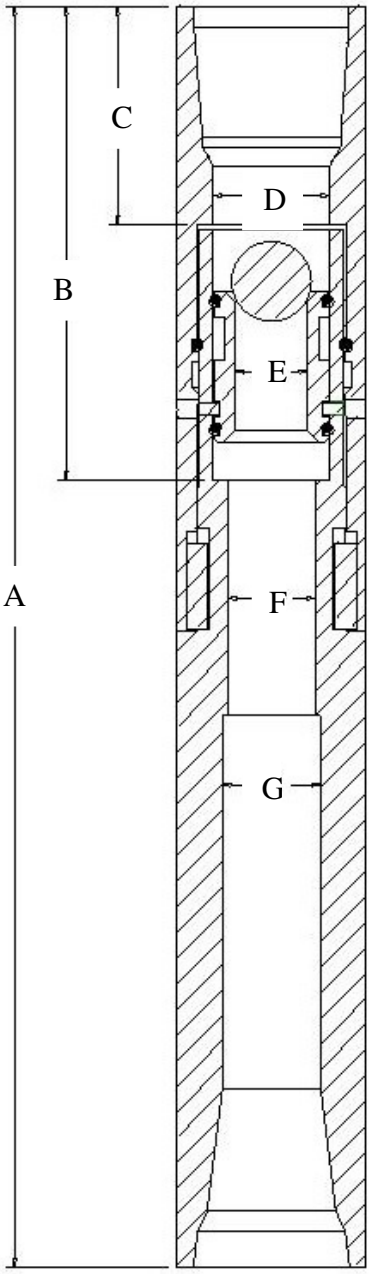
- Field adjustable shear pressure
- Eliminates tubing trip after drilling out
- 2 ½" OD fishing dimension on 2 3/8" tool
- Full open ID after separation
- Containment of internal components in bottom sub after releasing

TECHNICAL DATA

TOOL	SIZE	MAX OD (Inches)	Length (Inches)	THREADED CONNECTION
23DBSAA	2-3/8"	3.25"	21 ¾"	2-3/8 EU - 8 Rd x 2-3/8" 5 Reg Tubing
27DBSAA	2-7/8"	3.75"	23-1/2"	2-7/8" EU - 8 Rd x 2-7/8" API Reg

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Drop-Off Bit Sub



DROP OFF BIT SUB
LENGTHS & DIAMETERS

TOOL	A	B	C	D	E	F	G
23DBSAA	21.72	8.16	3.75	2.00	1.25	1.50	1.69
27DBSAA	23.46	8.91	4.50	2.45	1.70	1.75	1.93

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TUBING CENTRALIZER

DESCRIPTION

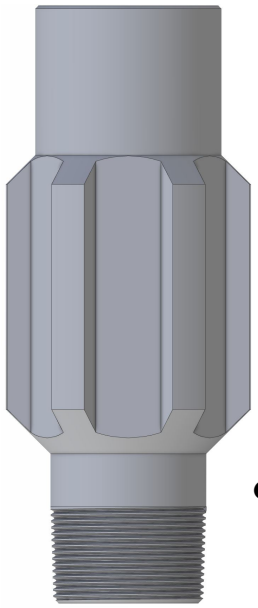
The WYOMING COMPLETION TECHNOLOGIES Tubing Centralizers are available for guiding various tools down cased wells. These centralizers provide correct alignment with stinger assemblies or mechanical setting tools during cementing operations. They may also be used to align rod pumps and other tools, especially where a large gap is present between the tubing and the casing.

FEATURES/BENEFITS

- Durable fins made of L80 steel.
- Standard tubing connections allow for centralizer placement between tubing joints, providing alignment at the desired location along the tubing string.
- Provides an additional point of stability to keep downhole tools straight, particularly when stinging in during cementing operations.
- Also available in bow spring style.

BLADE CENTRALIZER TECHNICAL DATA

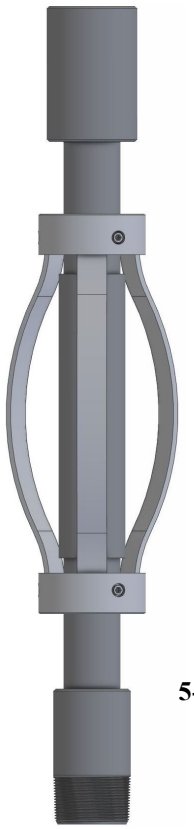
TOOL	CASING O.D. (INCHES)	TUBING SIZE	THREAD
23TC	2-3/8”	1.315”	1.315 NU 10 RND
27TC	2-7/8”		
35TC	3-1/2”		
43TC	4-1/2”	2-3/8”	2-3/8 EU 8 RND
44TC	5”		
45TC	5-1/2”		
46TC	6-5/8”	2-7/8”	2-7/8 EU 8 RND
47TC	7”		
48TC	7-5/8”		
49TC	8-5/8”		
51TC	9-5/8”		



7” Blade Centralizer (47TC)

BOW SPRING CENTRALIZER TECHNICAL DATA

TOOL	CASING O.D. (INCHES)	TUBING SIZE	THREAD
43TC-B	4-1/2”	2-3/8”	2-3/8 EU 8 RND
45TC-B	5-1/2”		
47TC-B	7”	2-7/8”	2-7/8 EU 8 RND



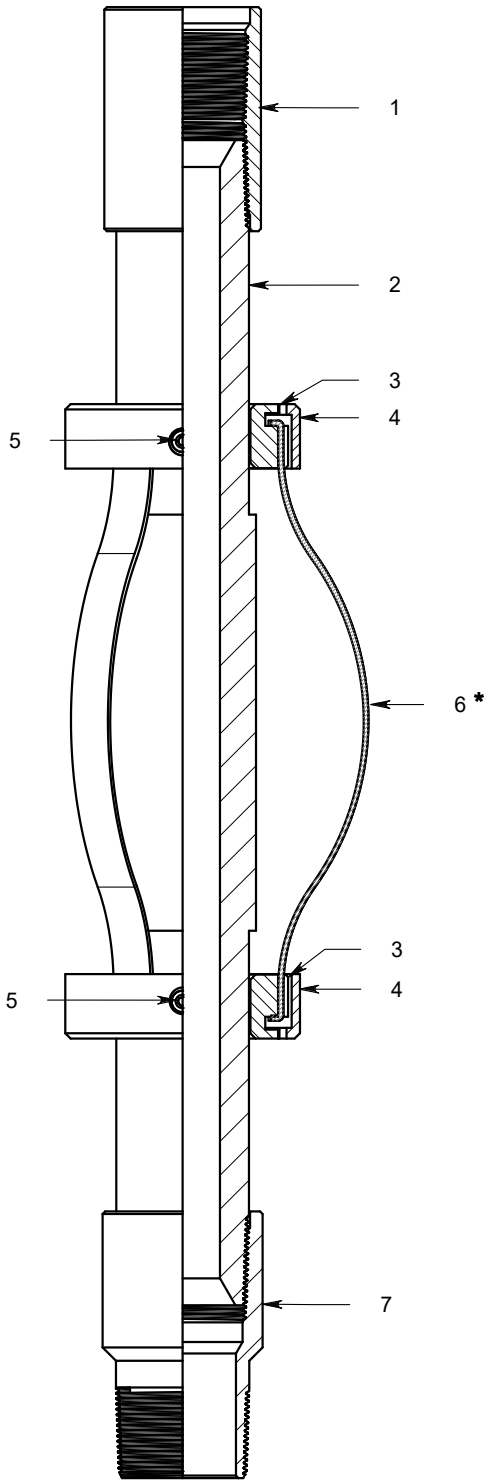
5-1/2” Bow Spring Centralizer (45TC-B)

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7" BOW SPRING TUBING CENTRALIZER

WYOMING COMPLETION TECHNOLOGIES

Part #
47TC-B



PARTS & ASSEMBLY

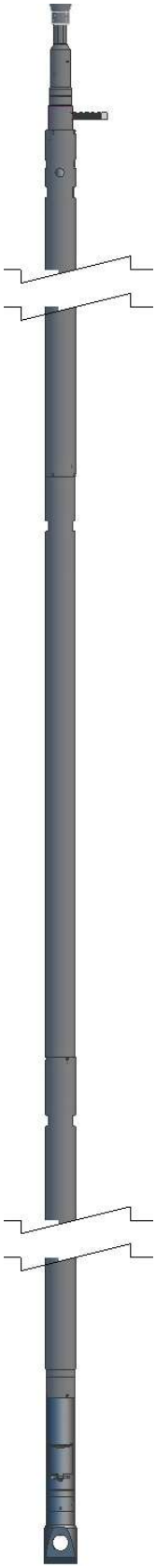
Item #	Description	QTY	Part Number
1	COUPLER	1	27EC
2	MANDREL	1	47TCB01
3	UPPER DRAG BODY	2	47MST02-B
4	BOW SPRING RETAINER	2	47MST04-B
5	STEEL CAP SCREW	7	5/16-18 x 1/2 CAP
6 *	BOW SPRING (30)	3	47MST06-B
7	BOTTOM SUB	1	47TCB02

*** BOW SPRING SIZES:**
47MST-B USES PART #47MST06-B (30)
46MST-B USES PART #45MST06-B (20)

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WEIGHT	
75.8 lbs	
DATE	REV.
04/08/2024	0

SAND-LINE DRILL



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Sand-Line Drill is a dependable tool for drilling out packers, cement, and other drillable materials. This versatile tool is used for drilling in open-hole completions as well as removing sand, gravel, and other debris from a wellbore. By simply changing the shoe, the drill converts to a sand pump.

FEATURES AND BENEFITS

- Connection for cable-tool drilling line, service machine, or sand line for a rotary rig eliminates the need for expensive surface equipment.
- The full-chisel shoe is used for softer items like sand bridges and cement, while the 60% chisel shoe is used for harder objects such as cast-iron bridge plugs and packers.

TECHNICAL DATA

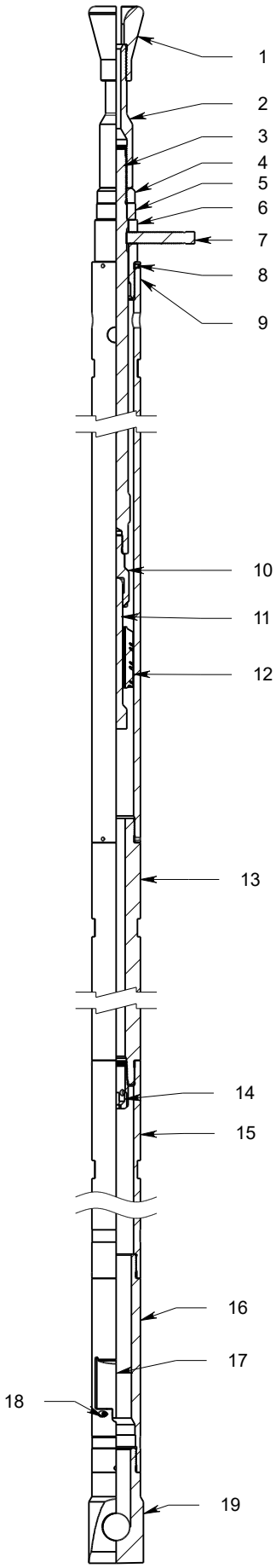
PRODUCT #	CASING				TOOL	BIT
	OD	ID MIN.	ID MAX.	Weight	OD	OD
	Inches/ *mm*	Inches/ *mm*	Inches/ *mm*	Lb./Ft *Kg/m*	Inches/ *mm*	Inches/ *mm*
43SLD	4-1/2 114.3	3.92 99.57	4.67 118.62	9.5 – 13.5 14.14 – 20.09	3.25 82.55	3.75 95.25
45SLD	5-1/2 139.7	4.67 118.62	5.04 128.02	13.0-23.0 19.35 – 34.23	4.0 101.60	4.5 114.30
47SLD	7 177.8	5.92 150.37	6.54 166.12	17.0 – 38.0 25.30 – 56.55	4.0 101.60	5.656 143.66

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5-1/2" SANDLINE DRILL

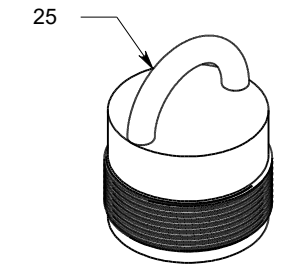
WYOMING COMPLETION TECHNOLOGIES

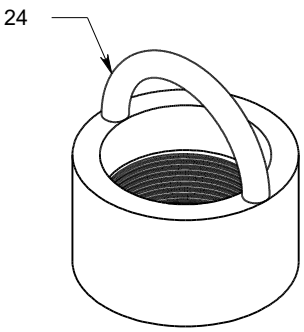
Part #
45SLDA

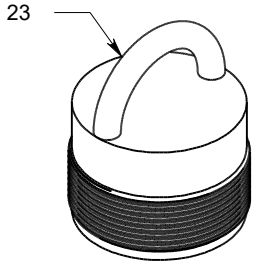


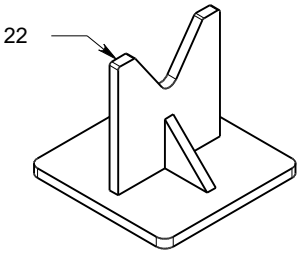
PARTS & ASSEMBLY

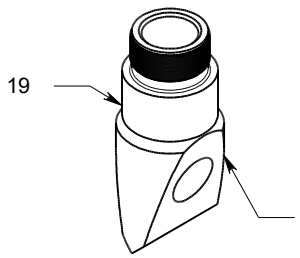
Item #	Description	QTY	Part Name
1	ROPE PROTECTOR	1	45SLD04
2	ROPE SOCKET	1	45SLD05
3	MANDREL	1	45SLD01
4	LOCK NUT	1	45SLD06
5	BEARING RING	1	45SLD07
6	PICK-UP COLLAR	1	45SLD08
7	3/4 UNC BOLT	1	45SLD09
8	STEEL SET SCREW	1	3/8-16 x 3/8
9	CYLINDER	1	45SLD11
10	KNUCKLE JOINT	1	45SLD02
11	LOWER MANDREL	1	45SLD03
12	SWAB CUPS - PETRO	3	45SLD10
13	DRILL COLLAR	1	45SLD12
14	SCREEN	1	45SLD13
15	EXTENSION JOINT	1	45SLD14
16	UNLOADER SUB	1	45SLD16
17	UNLOADER DOOR	1	45SLD15
18	BOLT	1	5/16-24 x 5/16
19	5-1/2" CHISEL BIT	1	45SLD20 47SLD20
20	LATCH	1	45SLD19
21	FLAPPER VALVE LID VALVE BODY SPLIT PIN	1	45SLD17 45SLD18 1/4" x 1-3/8"
22	V-Stand	2	45SLD21
23	LIFTER SUB (EXTENSION)	1	45SLD24
24	LIFTER SUB (DRILL COLLAR	1	45SLD23
25	LIFTER SUB (CYLINDER)	1	45SLD22

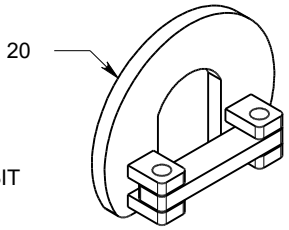


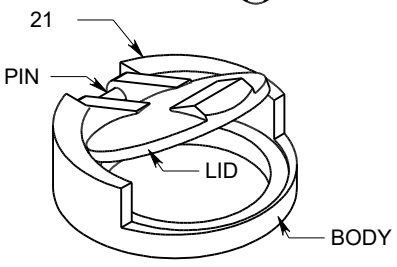












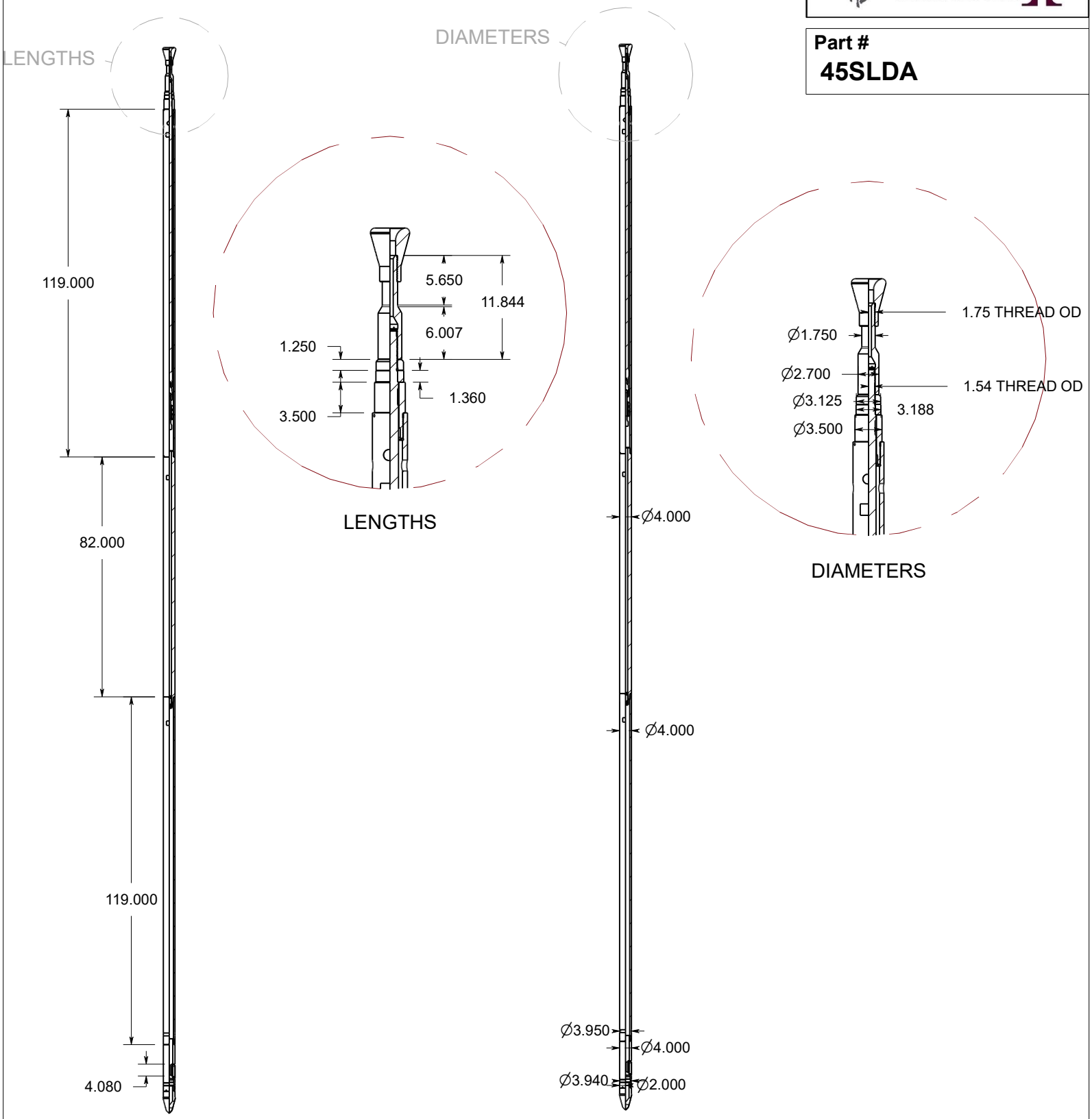
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REV 0 - 05/09/2022

5-1/2" SANDLINE DRILL LENGTH & DIAMETERS

WYOMING COMPLETION TECHNOLOGIES

Part #
45SLDA



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REV 0 -06/15/2022

PRESSURE ACTIVATED FRAC SLEEVE



DESCRIPTION

The Wyoming Completion Technologies Pressure Activated Frac Sleeve is designed as a reliable tool to provide interventionless access to the formation. Using the sleeve in completion strategies that incorporate a plug-and-perf method for a well or group of wells eliminates the need for a tubing conveyed perforating (TCP) trip, saving time and money.

FEATURES/BENEFITS

- Full bore of string with no restrictions
- Flow ports equal or larger in area than string bore
- Pressure balanced inner sleeve remains in closed position until actuated
- Internal locking taper holds sleeve permanently in the open position
- Controlled shear actuation device reliably and accurately shifts the sleeve valve open
- Customer installable shear device will require minimal equipment to test seal
- Valve opens "up" allowing the use of wiper plugs without fear of accidental opening of the valve

TECHNICAL DATA

PRODUCT #	CASING		TOOL			
	CASING OD	WEIGHT	ID MAX	ID MIN	OD	LENGTH
	Inches/ *mm*	lb/Ft *(kg/m)*	Inches/ *mm*	Inches/ *mm*	Inches/ *mm*	Inches/ *mm*
35PAFS	3-1/2 *88.90*	9.30 *13.84*	4.250 *107.95*	3.020 *76.71*	4.993 *126.82*	29.698 *754.33*
43PAFS	4-1/2 *114.30*	11.6 *17.26*	5.286 *134.26*	4.061 *103.15*	6.158 *156.41*	36.082 *916.48*

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ANCHOR CATCHER – "DBA"



DESCRIPTION

The Wyoming Completion Technologies Drag Block Anchor Catcher (DBA) is a heavy duty, reliable, retrievable double grip anchor that anchors the tubing in tension or compression. With proper tension pulled, the anchor prevents movement of the tubing string during pumping strokes, thus reducing rod and tubing wear. The anchor also holds the tubing stationary should it part.

FEATURES/BENEFITS

- Rotate left to set, right to release.
- Straight pull emergency shear release.
- Increases pump efficiency.
- Improves operating costs by reducing maintenance and down time caused by tubing or sucker rod wear.
- Optional right hand set.
- Fully retrievable.
- Drag blocks for setting and releasing control.
- Parts interchangeable with other manufactures.

TECHNICAL DATA

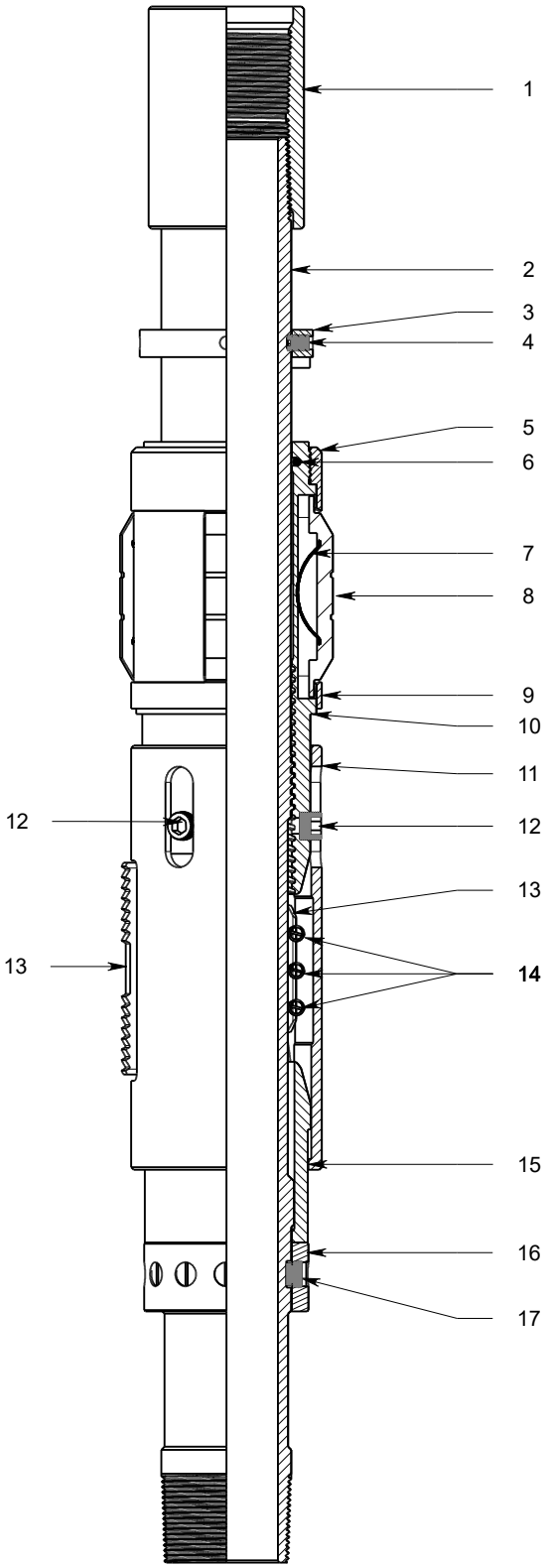
PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches/ *mm*	Inches/ *mm*	Inches/ *mm*	Lb/Ft *Kg/m*	Inches/ *mm*
45DAC	5-1/2" *139.70*	5.044 *126.1*	4.670 *118.6*	13 - 23 *19.35 – 34.23*	4.500 *114.300*
47DAC	7" *177.80*	6.538 *166.1*	6.241 *158.5*	17 - 23 *25.30 – 34.23*	5.75 *146.050*
51DAC	9-5/8" *244.48*	8.921 *226.593*	8.435 *214.249*	32.3 - 58.4 *48.07 - 86.91*	8.26 *209.804*

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5-1/2" DBA ANCHOR CATCHER (LH or RH)

WYOMING COMPLETION TECHNOLOGIES

Part #
45DAC



45DAC
PARTS & ASSEMBLY

Item #	Description	Qty	Part Name
1	Coupler	1	27EC
2	*Mandrel	1	45DAC01 (LH or RH)
3	Stop Ring	1	45DAC02
4	SET SCREW	4	3/8" x 16 x 1/2"
5	Upper Pad Retainer	1	45DAC03
6	O-Ring	1	235-70D Nitrile
7	Drag Block Spring	20	43MST21
8	**Drag Pad	4	See Below
9	***Retaining Ring	1	45DAC10
10	*Drag Body	1	45DAC04 (LH or RH)
11	Slip Cage	1	45DAC05
12	STEEL SET SCREW	3	5/8" x 18 x 1/2"
13	Slip	3	45DSA05
14	Retaining Spring	9	45DSA06
15	Drive Cone	1	45DAC06
16	Shear Ring	1	45DAC07
17	SHEAR SCREW	12	45DSA10

*** Specify Left or Right Hand Set**
**** Specify Casing Weight - (17.0-20.0 lb) uses Part # DP550**
(13.0-17.0 lb) uses Part # 45DAC13
***** Retaining Ring (#45DAC10) Welded To Drag Body (#45DAC04)**

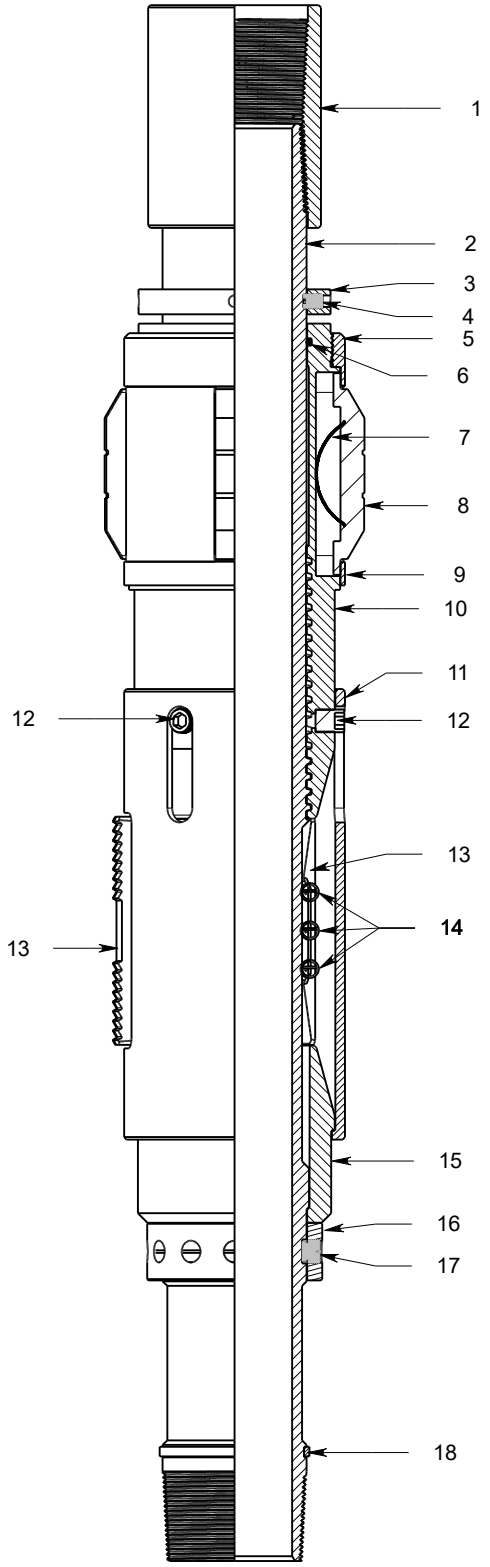
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REV 0 - 06/15/2022

7" DBA ANCHOR CATCHER (LH or RH)

WYOMING COMPLETION TECHNOLOGIES

Part #
47DAC



PARTS & ASSEMBLY

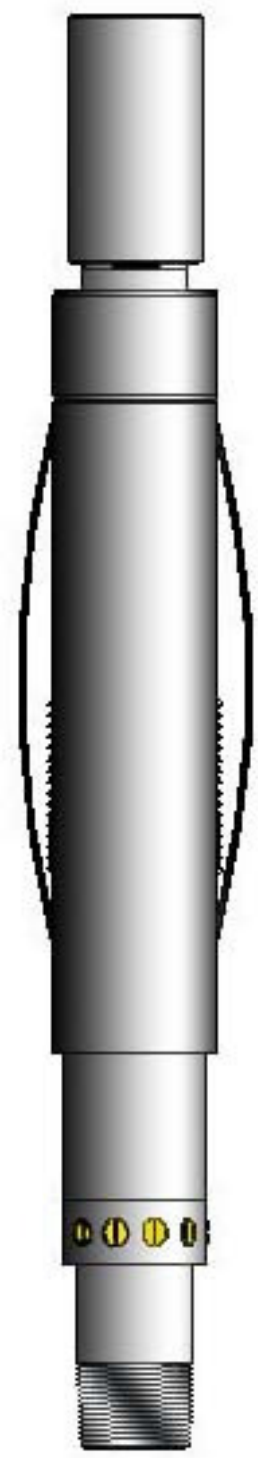
Item #	Description	Qty	Part Name
1	COUPLER	1	35EC
2	* MANDREL	1	47DAC01 (LH or RH)
3	STOP RING	1	47DAC02
4	SET SCREW	4	3/8 -16 x 1/2
5	UPPER PAD RETAINER	1	47DAC03
6	O-RING	1	240-70D Nitrile
7	DRAG PAD SPRING	20	47MST21
8	** DRAG PAD	4	SEE BELOW
9	*** SNAP RETAINER	1	47DAC10
10	DRAG BODY (LEFT)	1	47DAC04 (LH or RH)
11	SLIP CAGE	1	47DAC05
12	SOCKET PIPE PLUG	3	3/8 Pipe Plug
13	SLIP	3	47DSA05
14	RETAINING SPRING	9	47DSA06
15	DRIVE CONE	1	47DAC06
16	SHEAR RING	1	47DAC07
17	SHEAR SCREW	12	45DSA10
18	SNAP RING	1	47DAC08

*** SPECIFY LEFT or RIGHT HAND SET**
**** SPECIFY CASING WEIGHT**
(17-20 lb) USES PART # DP700
(23-35.3 lb) USES PART# 47DAC23
***** RETAINING RING (#47DAC10) WELDED TO DRAG BODY (#47DAC04)**

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REV 0 - 06/15/2022

ANCHOR CATCHER - "DSA"



DESCRIPTION:

The WYOMING COMPLETION TECHNOLOGIES Drag Spring "DSA" Anchor Catcher is a mechanical tool, which anchors the tubing in tension or compression. With proper tension pulled, the anchor prevents movement of the tubing string during pumping strokes, thus reducing rod and tubing wear. The anchor also holds the tubing stationary should it part.

FEATURES/BENEFITS:

- Rotate left to set, right to release
- Straight pull emergency shear release
- Increases pump efficiency
- Improves operating costs by reducing maintenance and down time caused by tubing or sucker rod wear
- Optional right hand set
- Parts interchangeable with other manufacturers

TECHNICAL DATA:

CASING				ANCHOR			
O.D. in mm	**WEIGHT** lb/ft	**MIN. I.D.** in *mm*	**MAX. I.D.** In/ *mm*	**SIZE**	**MAX O.D.** In/ *mm*	**MIN BORE THRU ANCHOR** in/*mm*	**STANDARD THREAD CONNECTIONS**
4- 1/2 114.30	9.5 - 12.6	3.958 *97.18*	4.090 *103.89*	43	3.750 *95.25*	2.000 *50.80*	2 3/8 EU 8RD
5-1/2 x 2-3/8 152.4	13 – 23	4.670 *118.62*	5.044 *128.12*	45	4.500 *114.30*		
5-1/2 x 2-7/8 152.40						2.437 *61.90*	2-7/8 EU 8RD
7 X 2-7/8 177.80	17 – 32	6.094 *154.79*	6.538 *166.07*	47	5.875 *149.23*		
7 X 3-1/2 219.08						3.000 *76.20*	3-1/2 EU 8RD

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LIMIT 75 PACKER



DESCRIPTION

The Wyoming Completion Technologies Limit 75 is a reliable, limit retrievable double-grip packer effective in production, testing, zone isolation and injection applications.

FEATURES/BENEFITS

- ¼ turn right hand set and release
- Large inside diameter
- Large by-pass for running and retrieving
- By-pass opens before upper slips release for debris removal
- Shear safety release
- Set with tension or compression
- One-piece mandrel

TECHNICAL DATA

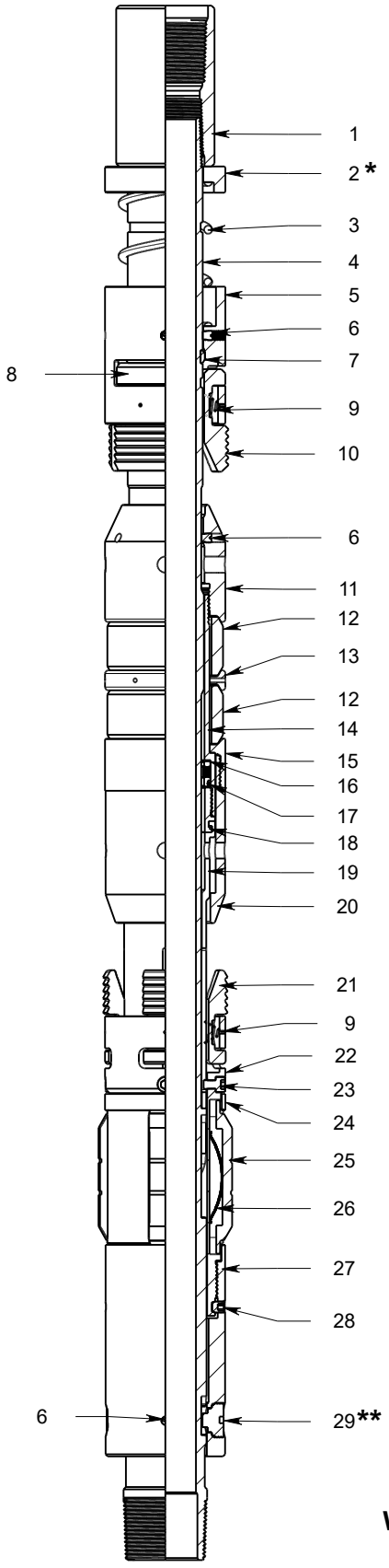
PRODUCT #	CASING				TOOL
	OD	ID MAX.	ID MIN.	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
43L75	4-1/2" *114.3*	4.09 *103.89*	3.92 *99.54*	9.5 – 13.5 *14.14 – 20.09*	3.75 *95.25*
45L75	5-1/2" *139.7*	5.044 *12.12*	4.892 *124.26*	13 –17 *19.35 – 25.30*	4.688 *119.08*
47L75	7" *177.8*	6.538 *166.07*	6.366 *161.70*	17-23 *25.30 – 34.23*	6.250 *158.75*

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4-1/2" LIMIT 75

WYOMING COMPLETION TECHNOLOGIES

Part #
43L75



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	COUPLING	1	23E23NC-1.75
2 *	SPRING RETAINER	1	43L75-04-W / 43L75-04-M
3	SPRING	1	43L75-06
4	MANDREL	1	43L75-02
5	UPPER SLIP CAGE	1	43L75-08
6	SHEAR SCREW	11	5/16 - 24 x 5/16B
7	SNAP RING	1	43L75-10
8	UPPER SLIP	2	43L75-11
9	SLIP SPRING	7	45L75-12
10	RELEASING SLIP	1	43L75-14
11	UPPER CONE	1	43L75-03
12	PACKING ELEMENT	2	43WP23-A
13	SPACER	1	43L75-05
14	RUBBER MANDREL	1	43L75-15
15	LOWER GAUGE RING	1	43L75-17
16	SEAL RING	1	43L75-13
17	O-RING	1	146-90D Nitrile
18	SEAL RETAINER	1	43L75-16
19	SPLIT SUPPORT	1	43L75-26
20	LOWER CONE	1	43L75-09
21	LOWER SLIP	4	43L75-27
22	DRAG BLOCK HOUSING	1	43L75-23
23	SOCKET HEAD CAP SCREW	4	5/16-18 x 3/8 CAP
24	RETAINING RING	1	43L75-20
25	DRAG PAD	4	DP450
26	DRAG PAD SPRING	16	43MST21
27	DRAG BLOCK RETAINER	1	43L75-25
28	STEEL SET SCREW	2	3/8-24 x 3/8
29 **	SHEAR SCREW	2	45L75-29-48K / 45L75-29-30K

*** SPECIFY WIRELINE OR MECHANICAL**
**** SPECIFY SHEAR STRENGTH**

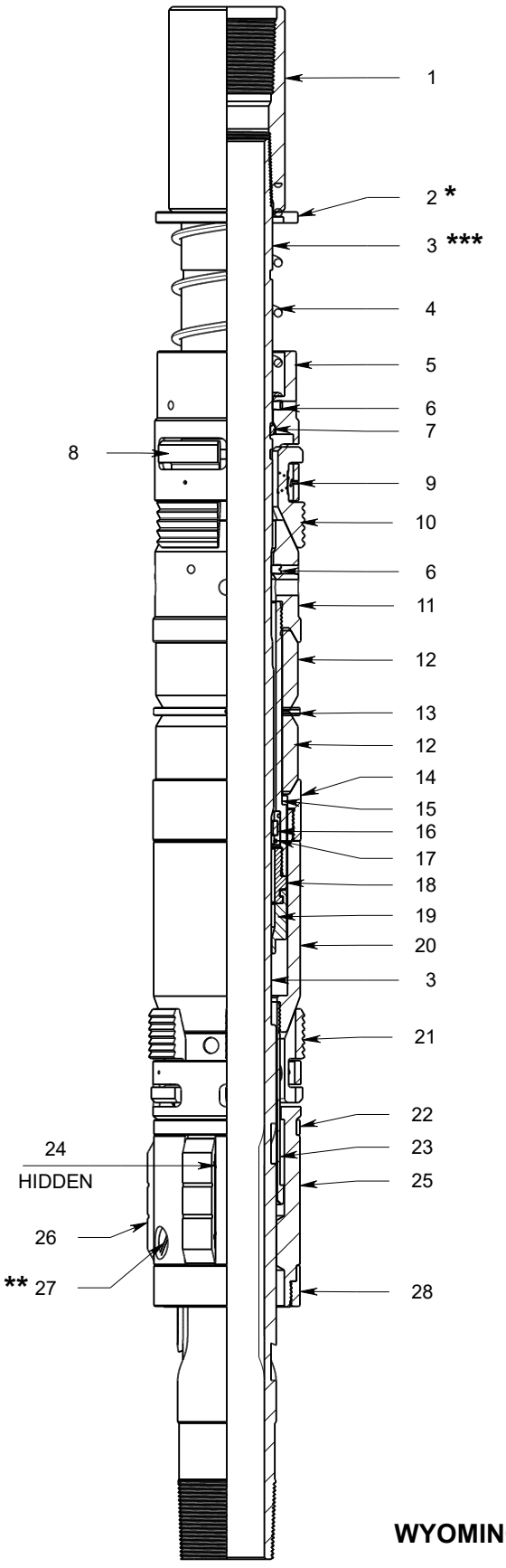
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REV 0 - 05/26/2022

5-1/2" LIMIT 75

WYOMING COMPLETION TECHNOLOGIES

Part #
45L75



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	2 7/8" COUPLER	1	27NU27EU
2 *	SPRING RETAINER	1	45L75-04-W / 45L75-04-M
3 ***	MANDREL	1	45L75-02
4	SPRING	1	45L75-06
5	UPPER SLIP CAGE	1	45L75-08
6	SHEAR SCREW	13	5/16 - 24 x 5/16 B
7	SNAP RING	1	45L75-10
8	UPPER SLIP	2	45L75-11
9	SLIP SPRING	7	45L75-12
10	RELEASE SLIP	1	45L75-14
11	UPPER CONE	1	45L75-03
12	PACKING ELEMENT	2	45WP23
13	SPACER	1	45L75-05
14	LOWER GUAGE RING	1	45L75-17
15	RUBBER MANDREL	1	45L75-15
16	SEAL RING	1	45L75-13
17	O-RING	1	151-90D Nitrile
18	SEAL RETAINER	1	45L75-16
19	SPLIT RING	1	45L75-26
20	LOWER CONE	1	45L75-09
21	LOWER SLIP	4	45L75-27
22	RETAINING RING	1	45L75-20
23	RETAINER	1	45L75-18
24	DRAG PAD SPRING	16	43MST21
25	DRAG BLOCK HOUSING	1	45L75-23
26	DRAG PAD	4	DP450
27 **	SHEAR SCREW	2	45L75-29-48K / 45L75-29-30K
28	DRAG BLOCK RETAINER	1	45L75-25

*** SPECIFY WIRELINE OR MECHANICAL**
**** SPECIFY SHEAR STRENGTH**
***** OPTION: RIGHT HANDED MANDREL (45L75-02R)**

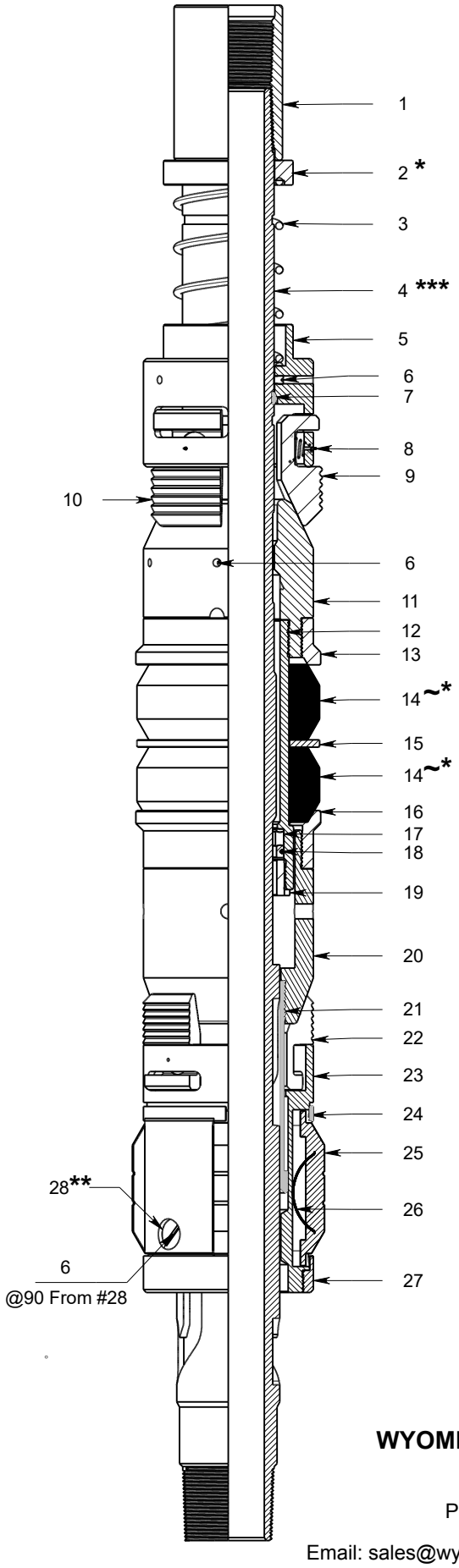
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REV 0 - 05/26/2022

7" LIMIT 75

WYOMING COMPLETION TECHNOLOGIES

Part #
47L75



PARTS & ASSEMBLY

Item #	Description	QTY	Part Name
1	2-7/8" COUPLING	1	27EC
2 *	SPRING RETAINER	1	47L75-04-M / 45L75-04W
3	SPRING	1	47L75-06
4 ***	MANDREL	1	47L75-02
5	UPPER SLIP CAGE	1	47L75-08
6	SHEAR SCREW	13	5/16" - 24 x 5/16"B
7	SNAP RING	1	47L75-10
8	SLIP SPRING	7	47L75-12
9	RELEASE SLIP	1	47L75-14
10	UPPER SLIP	2	47L75-11
11	UPPER CONE	1	47L75-03
12	RUBBER MANDREL	1	47L75-15
13	UPPER GUAGE RING	1	47L75-17
14 ~*	PACKING ELEMENT	2	47WP23-70 / 48WP23-70
15	SPACER	1	47L75-05
16	LOWER GUAGE RING	1	47L75-26
17	SEAL RING	1	47L75-13
18	O-RING	1	153-90D Nitrile
19	SEAL RETAINER	1	47L75-16
20	LOWER CONE	1	47L75-09
21	RETAINER	1	47L75-18
22	LOWER SLIP	4	47L75-27
23	DRAG BODY	1	47L75-23
24	SPLIT RETAINER RING	1	47L75-20
25	DRAG PAD	4	DP700
26	DRAG PAD SPRING	20	47MST21
27	DRAG BLOCK RETAINER	1	47L75-25
28 **	SHEAR SCREW	2	47L75-29-30K / 47L75-29-48K

*** SPECIFY WIRELINE OR MECHANICAL**
**** SPECIFY SHEAR STRENGTH**
***** OPTION: RIGHT HANDED MANDREL (47L75-02R)**
~* 47WP23 (23-29#) / 48WP23 (17-20#)

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REV 0 -05/26/2022

RETRIEVABLE PACKER



DESCRIPTION

The Wyoming Completion Technologies Retrievable Packer "RMP" provides a fast and efficient way of securing a well beyond having to pull drill pipe and/or tubing. The RMP uses the pipe's weight for the initial setting; any pressure coming from below will activate the piston style hold-down buttons while continuing to keep a tight seal. With prior testing, this tool can be used in cementing, casing testing, formation fracturing, and high-pressure acidizing.

FEATURES/BENEFITS

- Large bypass allows circulation while setting; straight pull instantly equalizes pressure on piston type hold-down buttons
- Right-hand set, straight-up, safe and easy release
- Three-section packing element
- Built in face-seal unloader controls the bypass, eliminating the demand for mechanical locks or rotation
- Bypass runs through the entire tool keeping the buttons from pressure surges, minimizing any chances of dulling. Full passage diameter also allows the passage of tools.
- Slips set with 3/4 turn, straight pull to retrieve
- Supports both top down and bottom-up pressures

APPLICATIONS

The retrievable packer can be used in the following applications:

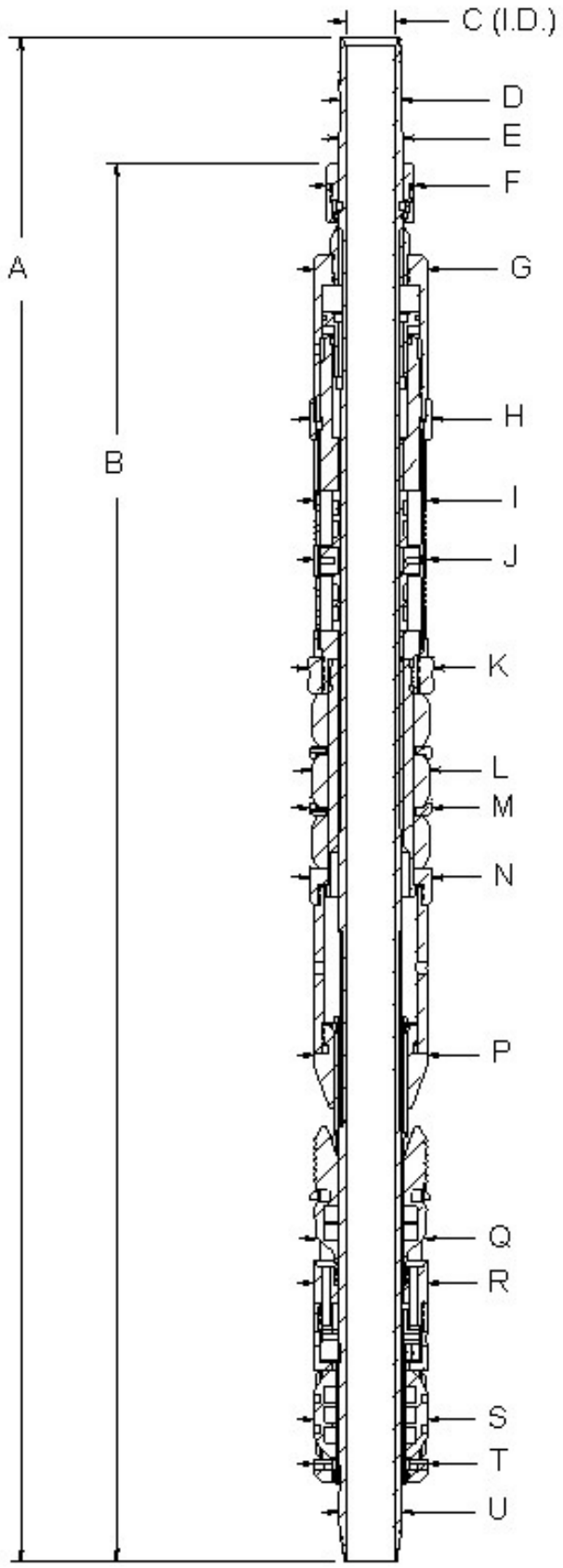
- Stimulation and Work-over
- Squeeze Cementing
- Case Testing
- Formation Fracturing
- High Pressure Acidizing

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD Inches *mm*	I.D. MAX. Inches *mm*	I.D. MIN. Inches *mm*	MAX I.D. LB/FT *kg/m*	OD Inches/ *mm*
47RMP	7 *177.80*	6.276 *159.41*	*6.136* *155.85*	26 - 29 *38.69 - 43.15*	5.963 *151.46*

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RETRIEVABLE PACKER L & D



LENGTHS & DIAMETERS

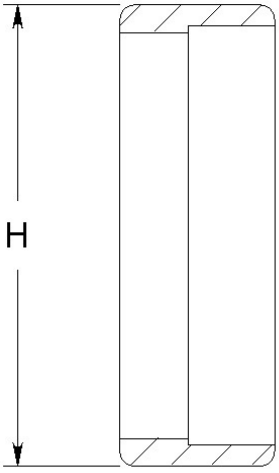
PRODUCT #	47RMPA
SIZE *Inches/ mm*	7" *177.8*
A	74.125 *1882.78*
B	68.004 *1727.30*
C	2.410 *61.21*
D	2.980 *75.69*
E	3.095 *78.61*
F	4.250 *107.95*
G	5.500 *139.70*
H	5.963 *151.46*
I	5.447 *138.35*
	6.597 *167.56*
J	5.445 *138.30*
K	5.963 *151.46*
L	5.730 *145.54*
M	5.950 *151.13*
N	5.963 *151.46*
P	5.500 *139.70*
Q	5.260 *133.60*
	6.140 *155.96*
R	5.500 *139.70*
S	5.530 *140.46*
	6.815 *173.10*
T	5.500 *139.70*
U	3.085 *78.36*

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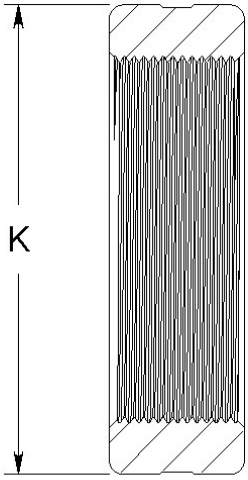
RETRIEVABLE PACKER

UPPER GAGE RING / GAGE RING/ SPACER RING/ GUIDE RING

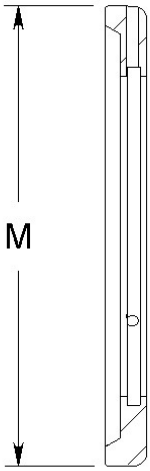
Assembly Part #	Part #								CSG. Inches/ *mm*	CSG. WEIGHT Inches/ *mm*	Max OD Inches/ *mm*
	UPPER GAGE (H)	OD Inches/ *mm*	GAGE (K)	OD Inches/ *mm*	SPACER (M)	OD Inches/ *mm*	GUIDE (N)	OD Inches/ *mm*			
47RMPA	47RMP19	5.963 *151.46*	47WP17-B2	5.963 *151.46*	47RMP24	5.950 *151.13*	47RMP17	5.963 *151.46*	7" *177.80*	26-29 *38.69 - 43.15*	5.968 *151.59*



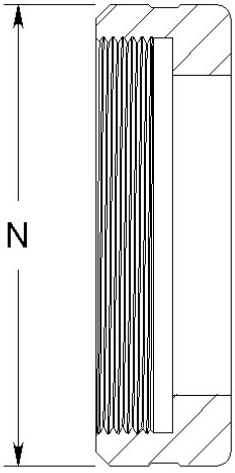
UPPER GAGE RING
47RMP19



GAGE RING
47WP17-B2



SPACER RING
47RMP24



GUIDE RING
47RMP17

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STRADDLE PACKER



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Straddle Packer is a retrievable packer. This Packer can be either coil, tubing, jointed pipe, electric line or slick wire set, and retrieved by coil tubing, jointed pipe or slick wireline with straight pull.

FEATURES/BENEFITS

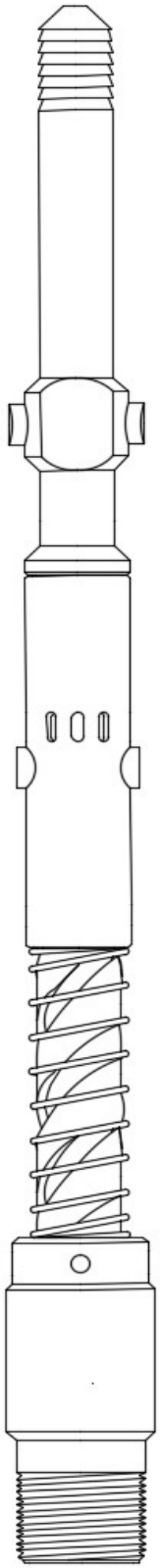
- Slip Cage design below packing system
- Large ID/OD ratio
- Once Packer is released, it locks into "released" position, preventing slips from re-setting permitting the tool to be worked up and down and allowing it to aid in retrieval
- Short overall length
- Large finish bore
- Aids in deployment in deviated wells

TECHNICAL DATA

PRODUCT #	CASING				TOOL
	OD	ID	ID	Weight	OD
	Inches *mm*	Inches *mm*	Inches *mm*	Lb/Ft *Kg/m*	Inches *mm*
27SPAA	2-7/8 *73.03*	*2.441* *62.00*		6.40 *9.53*	2.225 *56.52*
35SPAA	3-1/2 *88.90*	*2.992* *76.00*		9.20 – 10.20 *13.69 – 15.18*	2.700 *68.58*

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INDEXING TOOL



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Indexing Tool is primarily used to convert a double grip mechanical set packer into a retrievable bridge plug. The high pressure valve provides a system to run a retrievable bridge plug with the valve open and set the bridge plug then close the valve.

FEATURES/BENEFITS

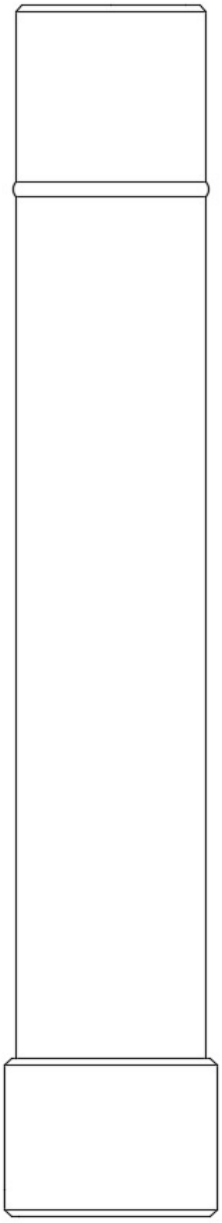
- Large by-pass for running and retrieving
- Proven reliable seal and design method
- By-pass locked in the closing

TECHNICAL DATA

PART #	TOOL DIMENSIONS			THREAD
	OD Inches/mm	ID Inches/mm	LENGTH Inches/mm	
20IT	3.12 *79.25*	.50 *12.70*	33.48 *850.39*	2-3/8 EU 8 Round
25IT	3.88 *98.55*	.50 *12.70*	41.15 *1045.21*	2-7/8 EU 8 Round

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INDEXING RETRIEVING TOOL



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Indexing Retrieving Tool is used to control the setting and releasing of double grip mechanical set bridge plugs using the Indexing Tool.

FEATURES/BENEFITS

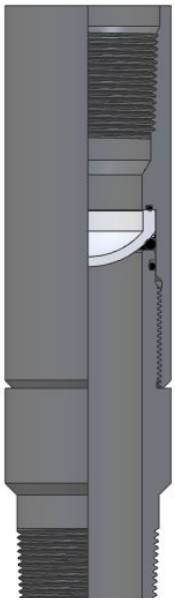
- Controls the index valve locking and unlocking system
- Circulates fluid to wash debris prior to or after latching onto the index

TECHNICAL DATA

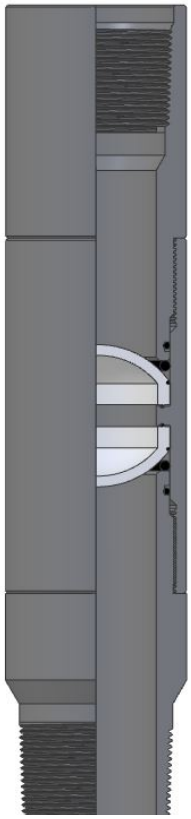
PART #	TOOL
	OD
	Inches/ *mm*
23RT	3.75 *95.25*
	4.50 *114.3*
	5.50 *139.7*
27RT	5.50 *139.7*

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CERAMIC DISK



Single Disk
Ceramic Disk



Double Disk
Ceramic Disk

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Ceramic Disk is run on the bottom of the tubing, plug, or packer while snubbing in the hole. After the packer is set, the wellbore is isolated below the packer. Once everything is in place, a drop bar, or pump pressure, will rupture the disk, allowing fluids, or a frac, to flow up the tubing, free of any debris that could interfere with lower assemblies.

FEATURES/BENEFITS

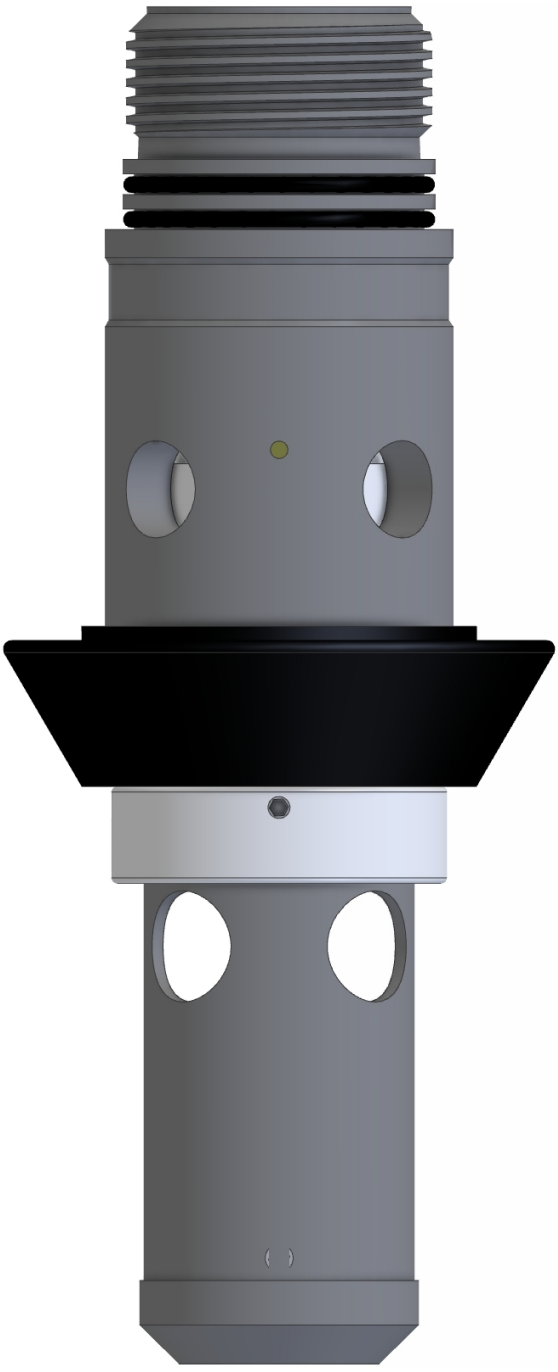
- Available with single or double ceramic disks
- Reusable (Redress kits available)
- Simple assembly procedure
- Full opening after rupturing disk
- Pressure tested before installation
- Cost-effective alternative to using profile nipple with a plug
- Potential for maximum surge of formation after perforating
- Used to negative test liner top
- Can be run in hostile environments (H2S and CO2)
- Allows tubing tests up to 10,000 psi

TECHNICAL DATA

PART #	DESCRIPTION	TOOL OD	TOOL ID	BOTTOMSIDE	TOPSIDE
	Inches *mm*	Inches *mm*	Inches *mm*	DISK RATING	DISK RATING
23DCD	2-3/8 *60.3*	3.06	2.00	10,000 psi	10,000 psi
23SCD					1,000 psi
27DCD	2-7/8 *73.0*	3.67	2.44	7,500 psi	7,500 psi
27SCD					1,000 psi
35DCD	3-1/2 *88.9*	4.25	3.00		7,500 psi
35SCD					1,000 psi

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PUMP DOWN SUB



5-1/2” PUMP DOWN SUB

DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Pump Down Sub is available in several different sizes. The “in-line” option consists of a mandrel and rigid, durable rubber swab cups. For use in different casing diameters, rubber swab cups can be used with the same mandrel making it economical when dealing with several casing sizes.

FEATURES/BENEFITS

- Common mandrel size for multiple swab cup sizes
- Rigid, durable rubber swab cups
- One size tool can be used for multiple casing sizes.
- Flexibility with range of services

APPLICATIONS

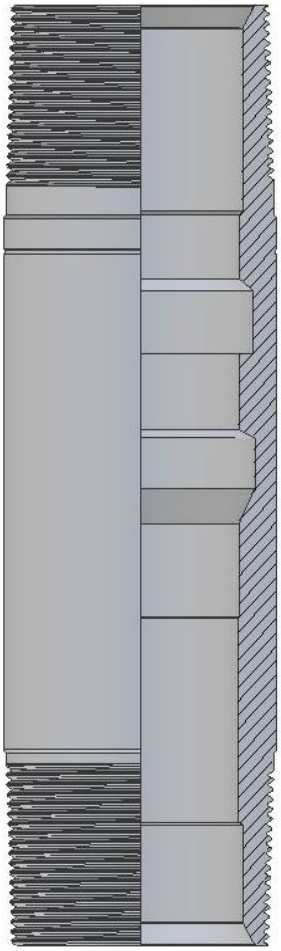
- Perforating and cased hole logging in highly deviated and horizontal wells

TECHNICAL DATA

TOOL	CASING O.D. (INCHES)	PD ELEMENT
43PDS-BOX	4-1/2”	43PDS01
43PDS-PIN	4-1/2”	
45PDS-BOX	5-1/2”	45PDS01
45PDS-PIN	5-1/2”	
45PDS-S-BOX (Shorty)	5-1/2”	
45PDS-S-PIN (Shorty)	5-1/2”	

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PROFILE NIPPLE



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Profile Nipple is available in a wide range of sizes and profiles.

FEATURES/BENEFITS

- Solid one-piece construction
- Land blanking plugs to shut in well or to test the production tubing
- Land velocity type safety valves
- Land equalizing check valves
- Land circulating blanking valves
- Land chokes to reduce surface flowing pressures
- Land instrument hangers with geophysical devices such as pressure and temperature recorders
- Restricted ID makes it possible to catch tools that are dropped during wireline work
- Available with box x pin EUE
- 10,000 psi differential pressure rating standard in most sizes
- Profiles include X, XN, and others

MATERIAL SELECTION

(Med/Regular) Corrosion Resistance in Sour Gas Environments

- 4140 / L80
- 82,000 Yield

(High) Corrosion Resistance in Sour Gas Environments

- 9C1M / 9 Chrome 1 Moly
- 80,000 Yield

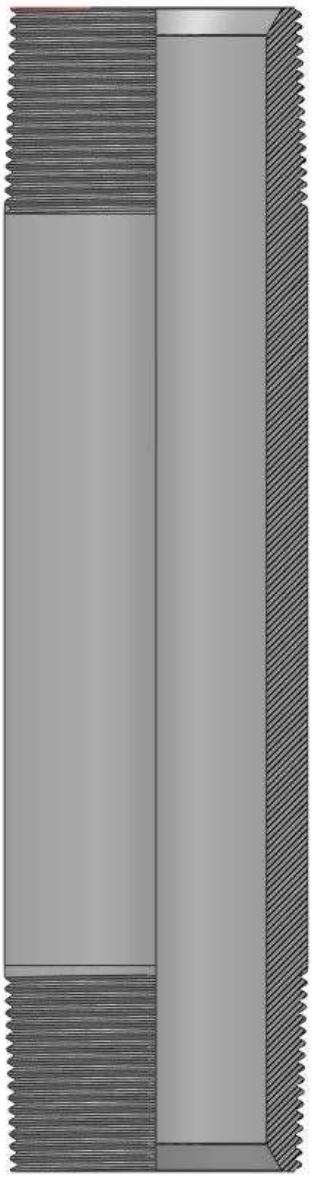
TECHNICAL DATA

PRODUCT #	TUBING						FOR STANDARD TUBING WEIGHTS					
							XPN		XNPN			
	SIZE		WEIGHT		ID		PACKING BORE		PACKING BORE		NO-GO ID	
	in	*mm*	in	*mm*	in	*mm*	in	*mm*	in	*mm*	in	*mm*
19XPN 19XNPX	1.90	*48.26*	2.4	*3.57*	1.66	*42.16*	1.500	*38.10*	1.500	*38.10*	1.448	*36.78*
			2.76	*4.11*	1.61	*40.89*						
			2.9	*4.32*								
23XPN 23XNPN	2-3/8	*60.33*	4.6	*6.85*	1.995	*50.67*	1.875	*47.63*	1.875	*47.63*	1.791	*45.49*
			4.7	*6.99*								
27XPN 27XNPN	2-7/8	*73.03*	6.4	*9.52*	2.441	*62.00*	2.313	*58.75*	2.313	*58.75*	2.205	*56.01*
			6.5	*9.67*								
35XPN 35XNPN	3-1/2	*88.90*	9.3	*13.84*	2.992	*76.00*	2.813	*71.45*	2.813	*71.45*	2.666	*67.72*
			10.2	*15.18*	2.922	*74.22*	2.750	*69.85*	2.750	*69.85*	2.635	*66.93*
43XPN 43XNPN	4-1/2	*114.30*	12.75	*18.97*	3.958	*100.53*	3.813	*96.85*	3.813	*96.85*	3.725	*94.62*
44XPN 44XNPN	5	*127.00*	13.0	*19.35*	4.494	*114.14*	4.313	*109.55*	4.313	*109.55*	3.987	*101.27*
45XPN 45XNPN	5-1/2	*139.70*	17	*25.30*	4.892	*124.26*	4.562	*115.87*	4.562	*115.87*	4.455	*113.16*
47XPN	7	*177.80*	29.0	*43.16*	6.184	*157.07*	6.01	*152.65*	6.01	*152.65*	N/A	N/A

*NOTE: FOR LARGER AREAS/SIZES, EACH UNIT SHOULD HAVE ENGINEERING OVERSIGHT.

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SEATING NIPPLE



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Seating Nipple is the standard API Upset design.

FEATURES/BENEFITS

- Standard seating nipple is 12 inches.
- General purpose pipe manufactured to API specifications.
- Made of API J55, L80, N80, Q125, Inconel, and other alloys.

APPLICATIONS

- Used to connect two segments of a pipe system with threaded connections.

TECHNICAL DATA

PART #	TUBING SIZE	I.D. In/mm	O.D. In/mm	THREAD
19SN01	1.900	1.460	2.250	**1.900 – 10 EUE**
23SN01	2-3/8	1.780	2.620	**2-3/8 – 8 EUE**
27SN01-2.25	2-7/8	2.250	3.125	**2-7/8 – 8 EUE**
27SN01	2-7/8	2.280	3.125	**2-7/8 – 8 EUE**
35SN01	3-1/2	2.780	3.625	**3-1/2 – 8 EUE**

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REV 0 – 05/26/2022

MUD PUMP PISTON ROD



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Piston Rod is one of the main parts of oil drilling rig mud pumps. The large end of the piston rod connects to the power end of the mud pump through the clamp to transmit power; the small end is mounted with a mud pump piston generating pressure through reciprocating motion in the mud pump liner.

FEATURES/BENEFITS

- Thread type piston

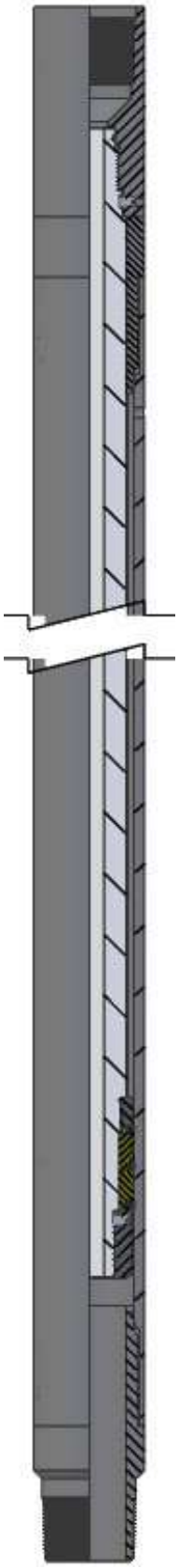
TECHNICAL DATA

PART #	MUD PUMP MODEL	
MPPR-14.71	DENVER GARDNER 8” STROKE	
	PA8	PAH

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REV 0 – 06/19/2024

SAND PUMP BAILER



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Sand Pump Bailer is a tubing conveyed, high volume, pump devise specifically designed for use in low fluid level wells, but equally successful in wells with full hydrostatic columns. The Sand Pump Bailer is used to remove sand and debris from the wellbore by reciprocating the tubing.

FEATURES/BENEFITS

- Inexpensive to operate
- Simple Design
- High volume stroke for efficient operation
- High load and shock carrying capacity
- Does not require circulation pumps or fluids
- Debris containment during cleanout

APPLICATIONS

- Stimulation clean-out
- Perforation clean-out
- Low fluid well clean-out

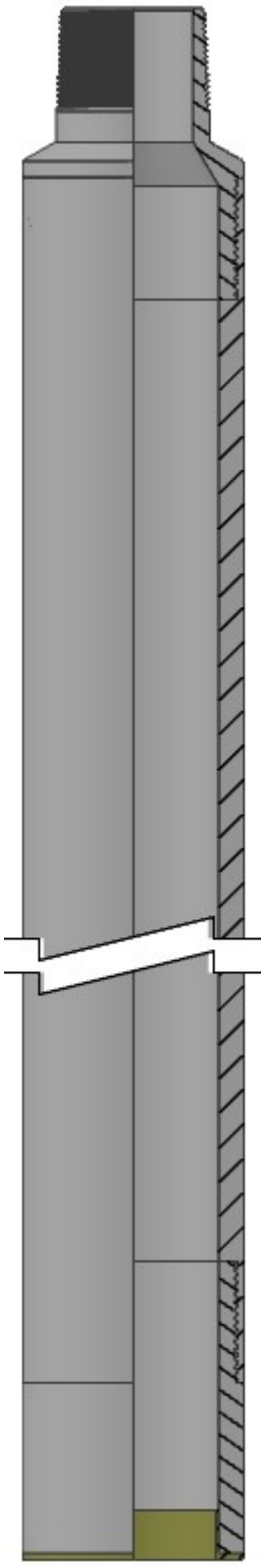
TECHNICAL DATA

PRODUCT #	CASING O.D.	MIN O.D.	MAX I.D.	THREAD
	In/*mm*	In/*mm*	In/*mm*	Box Up/Pin Down
27SPB	2-7/8" *73.025*	3.781 *96.037*	.975 *24.765*	2-7/8" EU 8 RND

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REV 0 – 04/07/2026

WASHOVER



DESCRIPTION

The WYOMING COMPLETION TECHNOLOGIES Washover is a large-diameter pipe fitted with tungsten carbide cutting surfaces on the bottom used to assist in retrieval of stuck pipe, debris, or lost equipment.

FEATURES/BENEFITS

- Large diameter
- Bottom tungsten carbide surfaces
- Recovery of valuable equipment, allows the retrieval of expensive downhole tools, minimizing financial loss.
- Resumption of drilling, recovering the “fish” allows drilling operation to resume without significant delays, saving time, and resources.
- Wellbore damage prevention, removing the “fish” prevents potential wellbore damage that could occur if it remains stuck.

APPLICATIONS

- Used to recover stuck pipe, debris, or lost equipment.
- May be fitted with any of a variety of special accouterments including screw-in-subs and overshot tools.

TECHNICAL DATA

PART #	O.D.	WEIGHT	I.D.	WALL THICKNESS	MIN. HOLE SIZE	MIN. MILL SIZE
	In/*mm*	Lb./ft / *Kg/m*	In/mm	In/*mm*	In/*mm*	In/mm
43WO-32.0-11.6#	4-1/2” *114.30*	11.6 *17.263*	4.00 *101.60*	3.50 *88.90*	4.75 *120.65*	3.125 *79.375*

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