

PLUGS, LOCKS, NIPPLES & SLIDING SLEEVES

TOP OIL TOOLS
DOWNHOLE
PERFORMANCE

2011 CATALOG

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Table of Contents

PAGE NUMBER

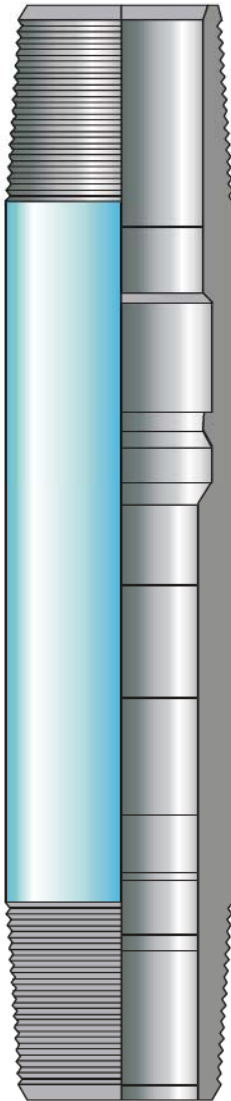
TX PROFILE NIPPLE	4
TXN NO-GO PROFILE NIPPLE	5
TR PROFILE NIPPLE	6
TRN PROFILE NIPPLE	7
TF PROFILE NIPPLE	8
TR PROFILE NIPPLE	9
D PROFILE NIPPLE	10
TD-2 SHIFTING TOOL	11
TL CIRCULATING SLEEVE	12
TFD CIRCULATING SLEEVE	13
TFU CIRCULATING SLEEVE	14
TXO-TXD CIRCULATING SLEEVE	15
TXA-TXU CIRCULATING SLEEVE	16
TFWG BYPASS BLANKING PLUG	17
TRZG BYPASS BLANKING PLUG	18
TFSG BYPASS BLANKING PLUG	19
TRKH BYPASS BLANKING PLUG W/ REMOVABLE MANDREL	20
TFMH BYPASS BLANKING PLUG W/ REMOVABLE MANDREL	21
TW LOCK SUBASSEMBLY	22
TZ LOCK SUBASSEMBLY	23
TF SERIES LOCK W/PACKING GLAND	24
TK SERIES LOCK W/PACKING GLAND	25
TG SERIES LOCK W/PACKING GLAND	26
TR SERIES LOCK W/PACKING GLAND	27
TFWB DOWN HOLE INSTRUMENT HANGER	28
TRZB DOWN HOLE INSTRUMENT HANGER	29
TFSB DOWN HOLE INSTRUMENT HANGER	30
TLWE SEPERATION SLEEVE	31
TLGE SEPERATION SLEEVE	32
TLSE SEPERATION SLEEVE	33
TLME SEPERATION SLEEVE	34
TFB-2 EQUALIZING CHECK VALVE	35
TRB-2 EQUALIZING CHECK VALVE	36
TRZK EQUALIZING CHECK VALVE CHOKE W/FLOW BEAN	37

Table of Contents

PAGE NUMBER

TFWK EQUALIZING CHECK VALVE CHOKE W/FLOW BEAN	38
TRRK EQUALIZING CHECK VALVE CHOKE W/FLOW BEAN	39
TFGK EQUALIZING CHECK VALVE CHOKE W/FLOW BEAN	40
TB CIRCULATING BLANKING PLUG BOTTOM	41
TP DISK BOTTOM	42
RL INJECTION VALVE	43
EQUIDAPTER POPPET STYLE	44
EQUIDAPTER KOBE KNOCK OUT STYLE	45
HYDROTRIP SUB	46
CASING SCRAPPER	47
TLHD LUBRICATOR	48
HIGH PRESSURE LUBRICATOR	49
DUAL PAD PLUNGER	50
QUAD PAD PLUNGER	51
BYPASS PLUNGER	52
SOLID RIFLED PLUNGER	53
BUMPER SPRING STANDING VALVE COMBINATION	54
STAGE TOOL	55
GAS LIFT WASHOVER SPECIAL CLEARANCE MANDREL	56

"TX" PROFILE NIPPLE (SELECTIVE)



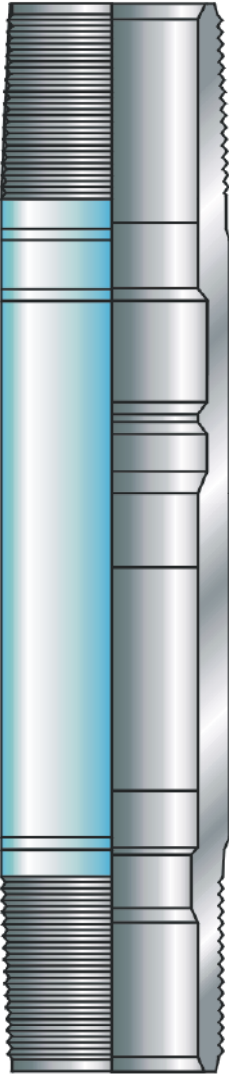
The Model "TX" Profile Nipple offers an expanded versatility to down hole selection. Any desired number of "TX" Nipples can be placed in the production string, thereby offering an unlimited number of positions for setting and locking surface controls.

APPLICATIONS:

1. Land blanking plugs to shut in well or to test the production tubing.
2. Land Velocity Type Safety Valves.
3. Land equalizing check valves.
4. Land circulating blanking plugs.
5. Land chokes to reduce surface flowing pressures.
6. Land instrument hangers with geophysical devices such as pressure and temperature recorders.

DIMENSIONAL DATA			
SIZE	SEAL BORE	NIPPLE O.D.	OVERALL LENGTH
1.900	1.500	2.375	11.250
	1.625		
2.375	1.875	2.720	14.000
2.875	2.313	3.200	
3.500	2.750	3.900	16.250
	2.812		
4.500	3.813	4.50	16.250

"TXN" PROFILE NIPPLE (NON-SELECTIVE)



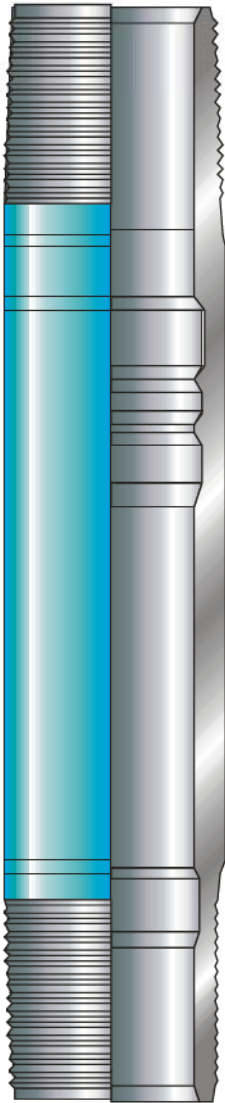
The Model "TXN" Profile Nipple is a BOTTOM No Go Nipple that provides for the location of various wireline flow control devices in the production string.

APPLICATIONS:

1. Land blanking plugs to shut in well or to test the production tubing.
2. Land Velocity Type Safety Valves.
3. Land equalizing check valves.
4. Land circulating blanking plugs.
5. Land chokes to reduce surface flowing pressures.
6. Land instrument hangers with geophysical devices such as pressure and temperature recorders.

DIMENSIONAL DATA				
SIZE	SEAL BORE	NO-GO	NIPPLE O.D.	OVERALL LENGTH
1.900	1.500	1.448	2.375	11.250
	1.625	1.536		
2.375	1.875	1.791	2.720	14.000
2.875	2.313	2.205	3.200	
3.500	2.750	2.635	3.900	16.250
	2.812	2.665		
4.500	3.813	3.725	4.5	16.250

"TR" PROFILE NIPPLE (SELECTIVE)



The Model "TR" Profile Nipple is a SELECTIVE Nipple that provides for the location of various wire-line flow control devices in the production string. Landing an "R" Lock Mandrel with accessories.

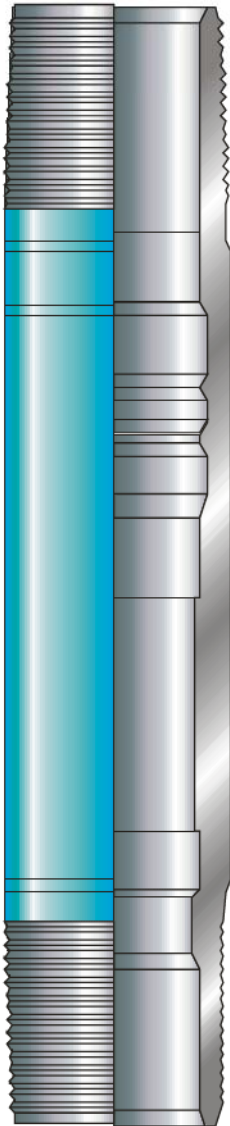
APPLICATIONS:

1. Land blanking plugs to shut in well or to test the production tubing.
2. Land Velocity Type Safety Valves.
3. Land equalizing check valves.
4. Land circulating blanking plugs.
5. Land chokes to reduce surface flowing pressures.
6. Land instrument hangers with geophysical devices such as pressure and temperature recorders.

DIMENSIONAL DATA			
TUBING SIZE	SEAL BORE	NIPPLE OD	OVERALL LENGTH
2.375"	1.500	3.00	13.04
	1.710	3.00	13.04
	1.781	2.71	13.34
2.875"	1.875	3.77	13.34
	2.000	3.63	13.54
	2.125	3.50	13.97
	2.188	3.38	14.17
3.500"	2.188	4.56	14.17
	2.313	4.50	14.87
	2.562	4.31	14.97
4.000"	3.125	4.63	15.07
	3.250	4.63	15.07
4.500"	3.437	4.99	16.08
	3.688	4.99	15.58
	3.813	4.99	16.78

"TRN" PROFILE NIPPLE (NON-SELECTIVE)

The Model "TRN" Profile Nipple is a BOTTOM No Go Nipple that provides for the location of various wireline flow control devices in the production string. Landing an "RN" Lock Mandrel with accessories.



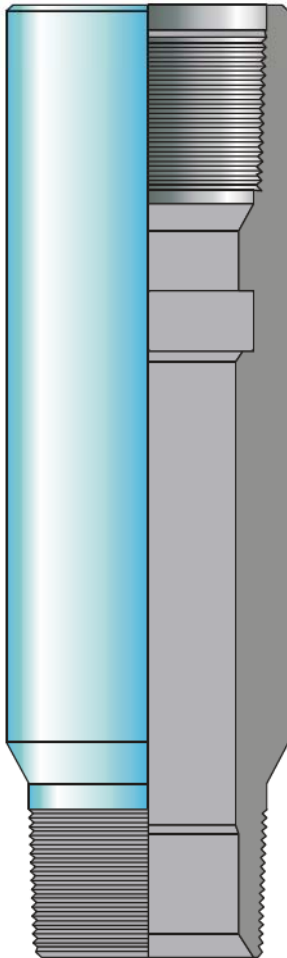
APPLICATIONS:

- I. Land blanking plugs to shut in well or to test the production tubing.
2. Land Velocity Type Safety Valves.
3. Land equalizing check valves.
4. Land circulating blanking plugs.
5. Land chokes to reduce surface flowing pressures.
6. Land instrument hangers with geophysical devices such as pressure and temperature recorders.

DIMENSIONAL DATA			
TUBING SIZE	SEAL BORE	NO/GO	NIPPLE OD
2.375"	1.500	1.345	3.00
	1.710	1.560	3.00
	1.781	1.640	2.71
2.875"	1.875	1.716	3.77
	2.000	1.881	3.63
	2.125	1.937	3.50
	2.188	2.010	3.38
3.500"	2.188	2.010	4.56
	2.313	2.131	4.50
	2.562	2.329	4.31
4.000"	3.125	2.907	4.63
	3.250	3.088	4.63
4.500"	3.437	3.260	4.99
	3.688	3.456	4.99
	3.813	3.725	4.99

"TF" PROFILE NIPPLE (SELECTIVE)

The Model "TF" Profile Nipple is a TOP No-Go Nipple that provides for the location of various wireline flow control devices in the production string.



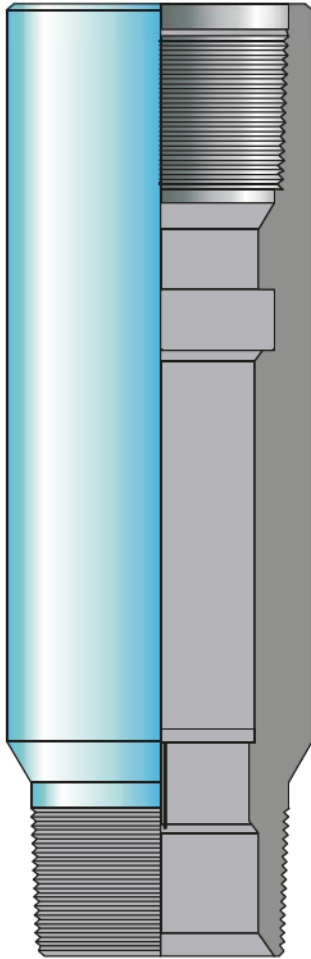
APPLICATIONS:

- 1 Land blanking plugs to shut in well or to test production tubing
2. Land Velocity Type Safety Valves.
3. Land equalizing check valves.
4. Land circulating blanking plugs.
5. Land chokes to reduce surface flowing pressures.
6. Land instrument hangers with geophysical devices such as pressure and temperature recorders.

DIMENSIONAL DATA			
SIZE	SEAL BORE	NIPPLE LENGTH	POLISH BORE LENGTH
1.50	1.500	11.0-15.0	5.32
1.56	1.562		5.22
1.62	1.625		5.26
1.78	1.781	12.0-17.0	6.17
1.81	1.812		6.16
1.87	1.875		6.21
2.25	2.250	13.0-18.0	6.48
2.31	2.312		6.52
2.56	2.562	19.5-21.5	12.03
2.75	2.75	13.00-18.00	6.96
2.81	2.812		7.06
3.68	3.688	16.12-18.62	7.08
3.75	3.750		7.32
3.81	3.812		7.30

"TR" PROFILE NIPPLE NON-SELECTIVE

The Model "TR" Profile Nipple is a BOTTOM No Go Nipple that provides for the location of various wire-line flow control devices in the production string.



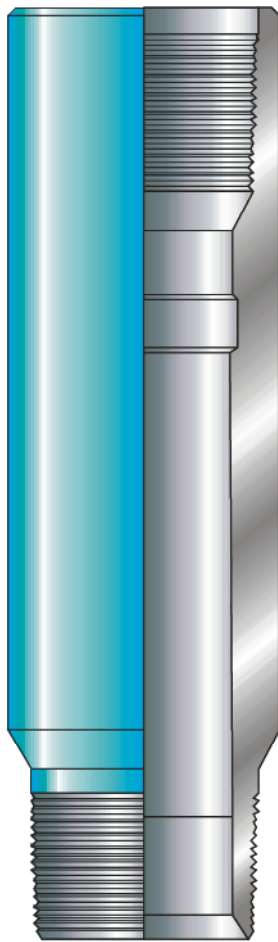
APPLICATIONS:

1. Land blanking plugs to shut in well or to test the production tubing.
2. Land Velocity Type Safety Valves.
3. Land equalizing check valves.
4. Land circulating blanking plugs.
5. Land chokes to reduce surface flowing pressures.
6. Land instrument hangers with geophysical devices such as pressure and temperature recorders.
7. Restricted I.D. catches tools dropped during wireline work.

DIMENSIONAL DATA				
SIZE	SEAL BORE	No-Go	OVERALL LENGTH	POLISH BORE LENGTH
1.50	1.500	1.447	11.0-15.0	4.56
1.56	1.562	1.510		4.48
1.62	1.625	1.572		4.425
1.78	1.781	1.728	12.0-17.0	5.41
1.81	1.812	1.760		5.43
1.87	1.875	1.822		5.43
2.25	2.250	2.197	13.0-18.0	5.74
2.31	2.312	2.257		6.12
2.56	2.562	2.443	15.5 -17.5	9.55
2.75	2.75	2.697	13.00-18.00	6.27
2.81	2.812	2.759		6.71
3.68	3.688	3.625	16.12-18.62	6.92
3.75	3.750	3.700		6.98
3.81	3.812	3.759		7.03

TD SERIES NO/GO LANDING NIPPLES

The TOP OIL TOOLS Model TD, D-2, DN & DS Nipples are a Top No/Go Nipple Series . They are designed to receive the C, CC, HPC-R, CS, CSC and CBNS-R Series Lock Mandrels



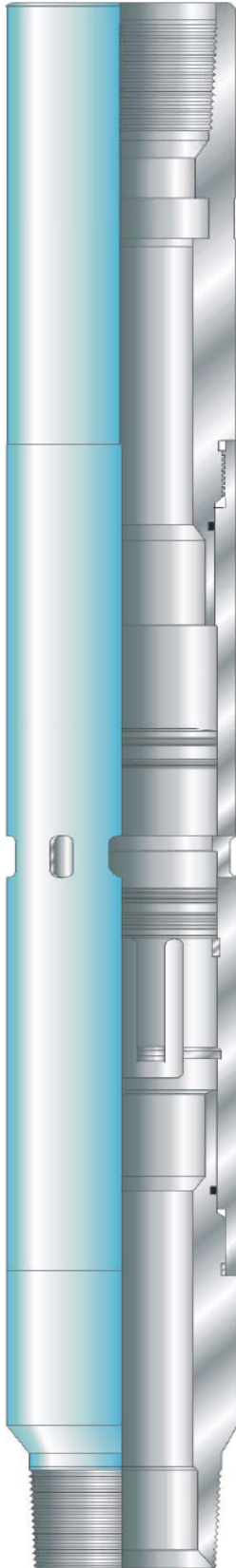
TUBING		NIPPLES		
OD	WEIGHT	TYPE	OD	SEALBORE
2.375"	4.7#	D	3.063	1.437
		D-2		
		D	3.063	1.562
		D-2	3.063	
		DN	3.063	1,765
		D	3.063	1,812
DS	3.063	1.875		
2-7/8"	6.5#	D	3.063	1.562
		DS	3.063	1.812
		D	3.688	1.875
				1.937
				2.000
				2.062
				2.125
				2.188
		DN	3.688	2.203
		D	3.688	2.250
D-2				
DS	3.688	2.312		
3-1/2"	9.3#	DS	4.500	1.875
		D	4.500	2.125
				2.188
				2.250
		D-2	4.500	2.250
		DS	4.500	2.312
				2.437
				2.562
		DN		2.703
		D-2	4.500	2.750
D				
DS	4.500	2.812		
		2.875		



"TD-2" SHIFTING TOOL

The Top Oil Model "TD-2" Shifting Tool is used to provide a safe, selective and controlled method of opening and closing Model "TL" Circulating Sleeves.

DIMENSIONAL DATA			
SIZE	COLLET O.D.	ADJUSTMENT LENGTH	OVERALL LENGTH
1.78	1.807	15.690	38.250
1.81	1.843		
1.87	1.906		
2.25	2.281	16.625	39.380
2.31	2.343		
2.75	2.781	17.125	39.440
2.81	2.843		
3.68	3.743	22.6875	43.000
3.81	3.867		



TL CIRCULATING SLEEVE

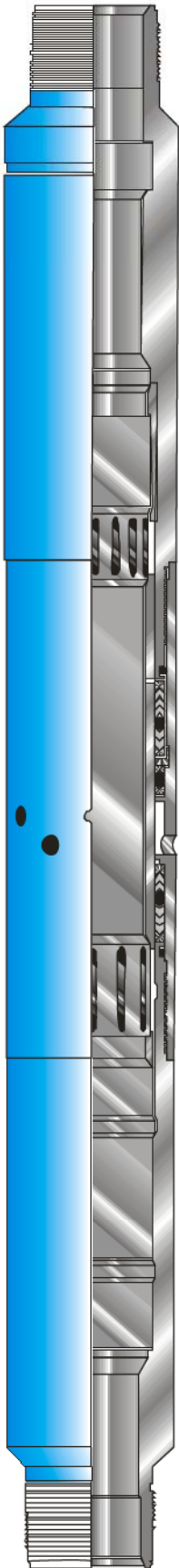
The Top Oil "TL" Circulating Sleeve is a down hole flow control device mounted in the production tubing to provide communication between the tubing and casing annulus. It is opened by shifting an inner sleeve either up or down by standard wireline methods.

DESIGN FEATURES

1. Features a TF nipple profile above and a packing bore above and below the communication ports.
2. Dependable, Simple, Quick
3. Ports can be closed without leaving any obstructions in the tubing once the shifting operation is completed
4. The Model "D-2" Shifting Tool is used to open (jarring up) or close (jarring down) the "TL" Circulating Sleeve.
5. EUE & Premium Threads Available.

DIMENTIONAL DATA

SIZE	SEALBORE	SLEEVE OD	OVERALL LENGTH
1.78 1.81 1.87	1.781 1.812 1.875	2.910	32.000
2.25 2.31	2.250 2.312	3.410	35.250
2.75 2.81	2.750 2.813	4.500	37.625
2.75 S.H. 2.81 S.H.	2.750 2.813	4.250 4.250	37.611 37.611
3.68 3.81	3.688 3.812	5.500	37.625



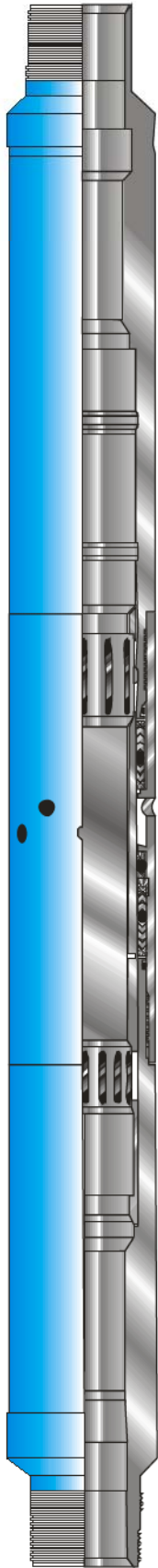
TFD CIRCULATING SLEEVE

The Top Oil "TFD" Circulating Sleeve is a down hole flow control device mounted in the production tubing to provide communication between the tubing and casing annulus. It is opened by shifting an inner sleeve either up or down by standard wireline methods.

DESIGN FEATURES

1. Features a TF (Baker Style) nipple profile above and a packing bore above and below the communication ports.
2. Dependable, Simple, Quick
Ports can be closed without leaving any obstructions in the tubing once the shifting operation is completed
3. The Model "B" Shifting Tool is used to open (jarring down) or close (jarring up) the "TFD" Circulating Sleeve.
4. EUE & Premium Threads Available.
6. Can be Supplied with Non-Elastomeric Seals

DIMENSIONAL DATA			
SIZE	SEALBORE	SLEEVE OD	OVERALL LENGTH
1.875	1.875	3.062	37.4
2.313	2.313	3.656	38.3
2.750 2.813	2.750 2.813	4.28 4.28	45.62 45.62
3.813	3.813	5.500	47.5



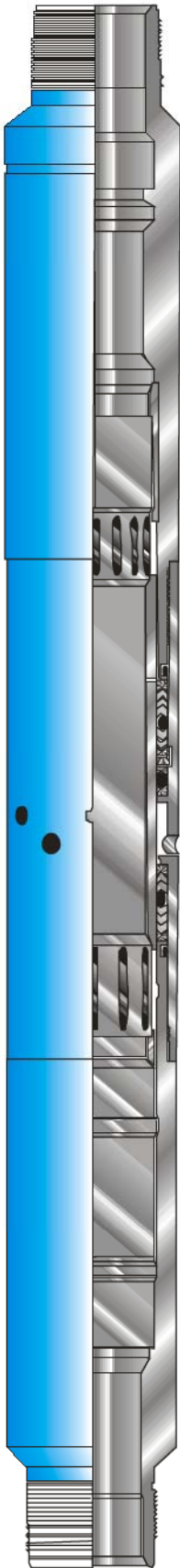
TFU CIRCULATING SLEEVE

The Top Oil "TFU" Circulating Sleeve is a down hole flow control device mounted in the production tubing to provide communication between the tubing and casing annulus. It is opened by shifting an inner sleeve either up or down by standard wireline methods.

DESIGN FEATURES

1. Features a TF (Baker Style) nipple profile above and a packing bore above and below the communication ports.
2. Dependable, Simple, Quick
3. Ports can be closed without leaving any obstructions in the tubing once the shifting operation is completed
4. The Model "B" Shifting Tool is used to open (jarring UP) or close (jarring Down) the "TFU" Circulating Sleeve.
5. EUE & Premium Threads Available.
6. Can be Supplied with Non-Elastomeric Seals

DIMENSIONAL DATA			
SIZE	SEALBORE	SLEEVE OD	OVERALL LENGTH
1.875	1.875	2.900	37.4
2.313	2.313	3.656	38.3
2.750	2.750	4.28	45.62
2.813	2.813	4.28	45.62
3.813	3.813	5.500	47.5



TXO & TXD CIRCULATING SLEEVE

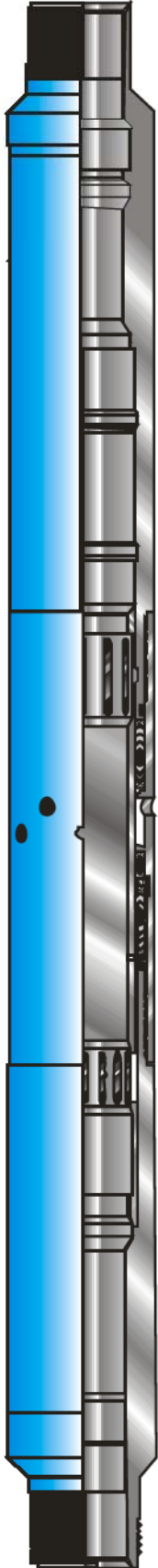
The Top Oil "TXO & TXD" Circulating Sleeve is a down hole flow control device mounted in the production tubing to provide communication between the tubing and casing annulus. It is opened by shifting an inner sleeve either up or down by standard wireline methods.

DESIGN FEATURES

1. Features a TX (Halliburton) nipple profile above and a packing bore above and below the communication ports.
2. Dependable, Simple, Quick
3. Ports can be closed without leaving any obstructions in the tubing once the shifting operation is completed
4. The Model "B" Shifting Tool is used to open (jarring down) or close (jarring up) the "TXO & TXD" Circulating Sleeve
5. EUE & Premium Threads Available.
6. Can be Supplied with Non-Elastomeric Seals

DIMENSIONAL DATA			
SIZE	SEALBORE	SLEEVE OD	OVERALL LENGTH
1.875	1.875	3.062	35.5
2.313	2.313	3.656	36.5
2.750 2.813	2.750 2.813	4.28 4.28	39.00 39.00
3.813	3.813	5.500	47.5

TXA & TXU CIRCULATING SLEEVE



The Top Oil "TXA & TXU" Circulating Sleeve is a down hole flow control device mounted in the production tubing to provide communication between the tubing and casing annulus. It is opened by shifting an inner sleeve either up or down by standard wireline methods.

DESIGN FEATURES

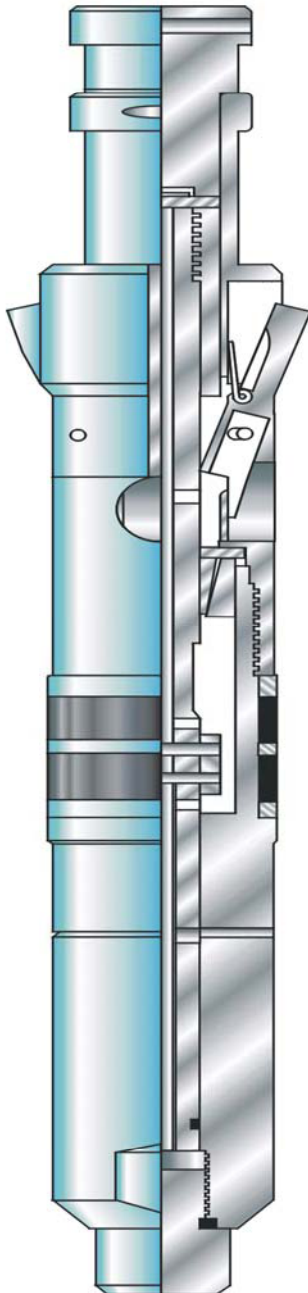
1. Features a TX (Halliburton) nipple profile above and a packing bore above and below the communication ports.
2. Dependable, Simple, Quick
3. Ports can be closed without leaving any obstructions in the tubing once the shifting operation is completed
4. The Model "B" Shifting Tool is used to open (jarring Up) or close (jarring Down) the "TXA & TXU" Circulating Sleeve
5. EUE & Premium Threads Available.

DIMENSIONAL DATA			
SIZE	SEALBORE	SLEEVE OD	OVERALL LENGTH
1.875	1.875	3.062	35.5
2.313	2.313	3.656	36.5
2.750 2.813	2.750 2.813	4.28 4.28	39.00 39.00
3.813	3.813	5.500	47.5

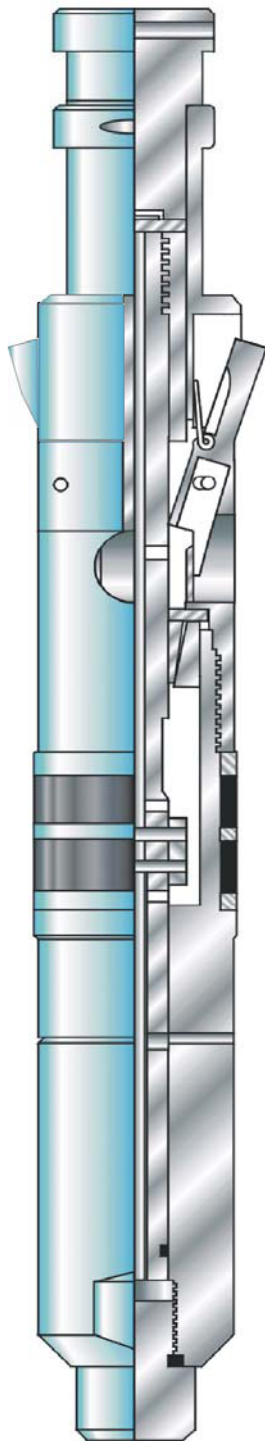
“TFWG” BY-PASS BLANKING PLUG (TOP NO-GO / NON-FLOWING LOCK)

This Plug allows fluid to by-pass though the side ports when running in the well. Once Plug is locked in a “TF” type profile, pressure can be held in either direction. After well has been repaired or tested, Plug can be equalized and pulled with standard wireline tools

To Run: C-1 Running Tool
To Release: B Probe



DIMENSIONAL DATA			
SIZE	NO-GO	FISH NECK O.D.	OVERALL LENGTH
1.78	1.865	1.375	15.6
1.81	1.865		
1.87	1.906		
2.25	2.302	1.750	16.06
2.31	2.365		
2.56	2.625	1.750	16.69
2.75	2.802		
2.81	2.865	2.313	16.69



“TRZG” BY-PASS BLANKING PLUG (BOTTOM NO-GO / NON-FLOWING)

This Plug allows fluid to by-pass though the side ports when running in the well. Once Plug is locked in a “TR” type profile, pressure can be held in either direction. After well has been repaired or tested. Plug can be equalized and pulled with standard wireline tools.

To Run: C-1 Running Tool

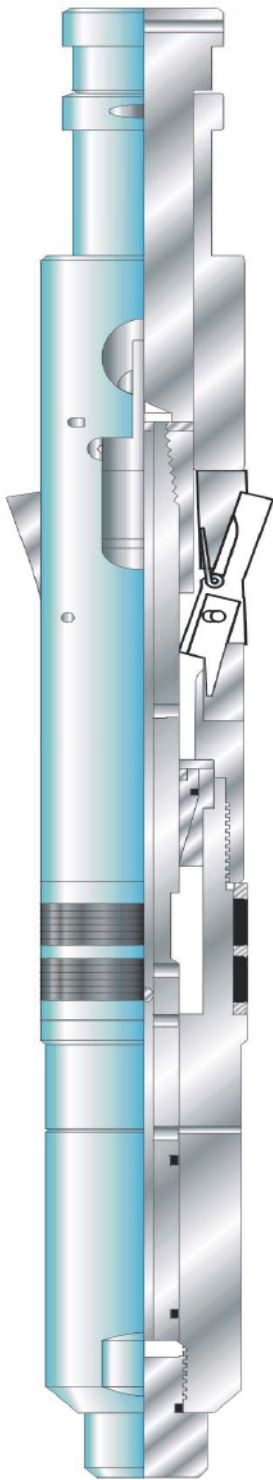
To Release: B Probe

DIMENTIONAL DATA			
SIZE	NO-GO	FISH NECK O.D.	OVERALL LENGTH
1.78	1.865	1.375	15.6
1.81	1.865		
1.87	1.906		
2.25	2.302	1.750	16.06
2.31	2.365		
2.56	2.625	1.750	16.69
2.75	2.802	2.313	16.69
2.81	2.865		

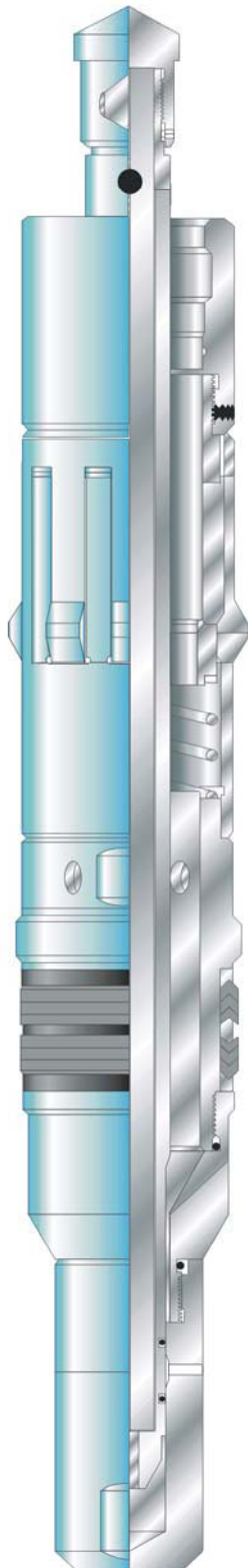
“TFSG” BY-PASS BLANKING PLUG (SELECTIVE / NON-FLOWING)

This Plug allows fluid to by-pass through the side ports, when running in the well. Once Plug is locked in a “TF” type profile, pressure can be held in either direction. After well has been repaired or tested, Plug can be equalized and pulled with standard wireline tools.

To Run: “C-1” Running Tool w/NO-GO Ring or
Model “G” Running Tool (less shank)
To Release: Model “A” or “AC” Probe



DIMENSIONAL DATA			
SIZE	NO-GO	FISH NECK O.D.	OVERALL LENGTH
1.78	1.771	1.375	15.81
1.81	1.802		
1.87	1.865		
2.25	2.240	1.750	16.60
2.31	2.302		
2.56	2.550	1.750	18.906
2.75	2.740	2.313	17.71
2.81	2.802		



“TRKH” BYPASS BLANKING PLUG WITH REMOVABLE MANDREL

The Top Oil “TRKH” Bottom No-Go Bypass Blanking Plug with Removable Mandrel is used as a tubing plug. With the removable mandrel it is safe and the best possible means for equalizing across the plug.

- To Run Plug “GS” Running / Pulling Tool & “M” Probe
- To Run Removable Mandrel “SB” Pulling Tool
- To Pull Removable Mandrel “SB” Pulling Tool
- To Pull Plug “GS” Running / Pulling Tool & “M” Probe

DIMENSIONAL DATA			
SIZE	NO-GO	FISHNECK I.D.	PRONG FISHNECK O.D.
2.75	2.74	2.31	2.31
2.81	2.802		
3.68	3.678	3.12	3.12
3.75	3.740		
3.81	3.802		



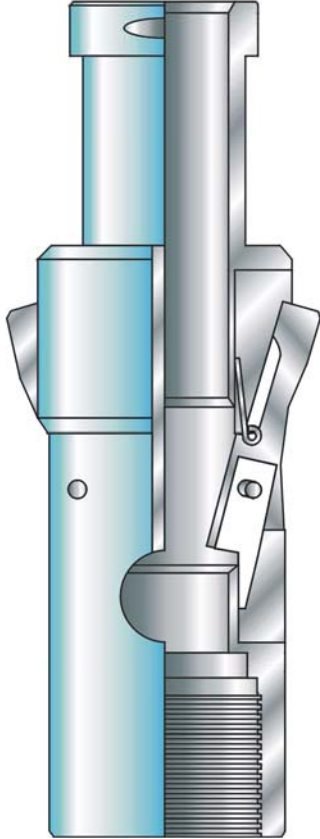
“TFMH” BYPASS BLANKING PLUG WITH REMOVABLE MANDREL

The Top Oil “TFMH” Top No-Go Bypass Blanking Plug with Removable Mandrel is used as a tubing plug. With the removable mandrel it is safe and the best possible means for equalizing across the plug.

- To Run Plug “GS” Running / Pulling Tool & “M” Probe
- To Run Removable Mandrel “SB” Pulling Tool
- To Pull Removable Mandrel “SB” Pulling Tool
- To Pull Plug “GS” Running / Pulling Tool & “M” Probe

DIMENTIONAL DATA			
SIZE	NO-GO	FISHNECK I.D.	PRONG FISHNECK O.D.
2.75	2.78	2.31	2.31
2.81	2.87		
3.68	3.74	3.12	3.12
3.75	3.80		
3.81	3.83		

TW-LOCK SUBASSEMBLY (NON-FLOWING)



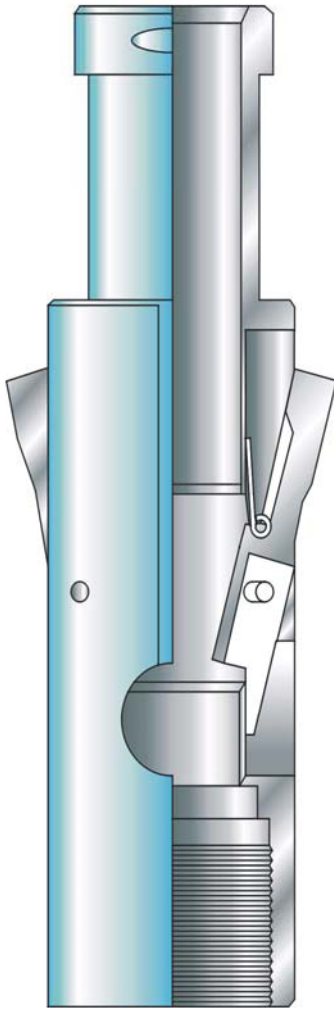
Is a TOP NO-GO lock used in “TF” type profiles. It has a No-Go shoulder which prevents downward movement and two spring loaded locking dogs to prevent upward movement.

To Run: “C-1” Running Tool
To Release: “B” Probe

DIMENSIONAL DATA			
SIZE	NO-GO	FISH NECK O.D.	OVERALL LENGTH
1.78	1.865	1.375	7.500
1.81	1.865		
1.87	1.905		
2.25	2.302	1.750	7.690
2.31	2.365		
2.56	2.625	1.750	8.250
2.75	2.802	2.313	8.250
2.81	2.865		

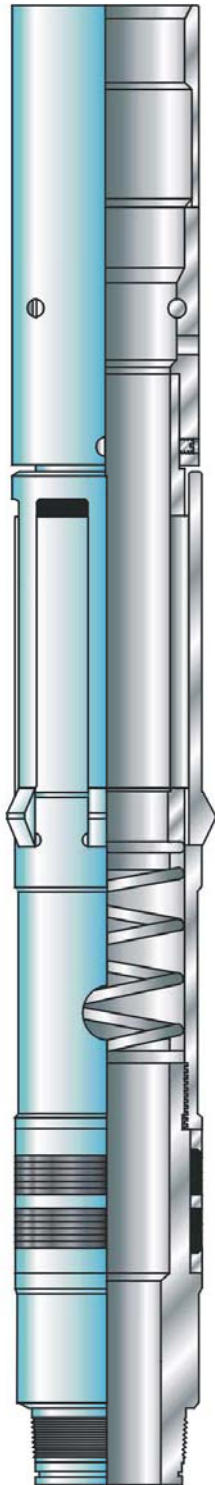
TZ-LOCK SUBASSEMBLY (NON-FLOWING)

Is a BOTTOM NO-GO lock used in "TR" type profiles. It has two spring loaded locking dogs that prevents upward movement. The No-Go shoulder is located on the packing gland which No-Go's in the "TR" profile and prevents downward movement.



To run: "C-1" Running Tool
To release: "B" Probe

DIMENSIONAL DATA			
SIZE	MAX O.D.	FISH NECK O.D.	OVERALL LENGTH
1.78	1.750	1.375	7.500
1.81			
1.87			
2.25	2.188	1.750	7.690
2.31			
2.56	2.500	1.750	8.250
2.75	2.688	2.313	8.250
2.81			



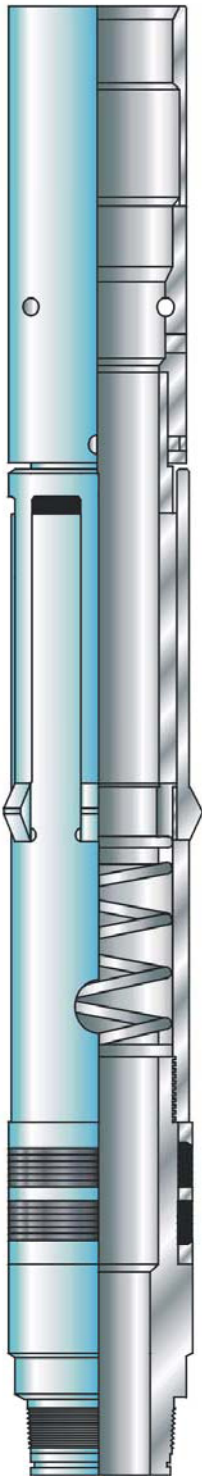
“TF” SERIES LOCK w/PACKING GLAND (FLOWING LOCK)

Is a Top NO-GO lock used in “TF” type profiles. This lock has a NO-GO shoulder to prevent downward movement and collet type locking fingers to prevent upward movement. The I.D. of the lock has a relatively smooth, uninterrupted flow path and is excellent for high volume completions.

NOTE: When the Packing Gland and Packing Unit Assy. is made up on the “TF” Lock, the item becomes a M-LOCK PACKING SUB ASSY.

To Run: GS Running tool / Model M Probe
To Release: GS Running Tool / Model M Probe

DIMENSIONAL DATA						
SIZE	NO-GO	LOCK OD	LATCH MANDREL ID	LOCK RING ID	PACKING MANDREL I.D.	OVERALL LENGTH
2.75	2.802	2.715	1.850	1.750	1.500	23.124
2.81	2.872					
3.68	3.737	3.625	2.750	2.625	2.625	23.124
3.81	3.802					



“TK” SERIES LOCK w/PACKING GLAND (FLOWING LOCK)

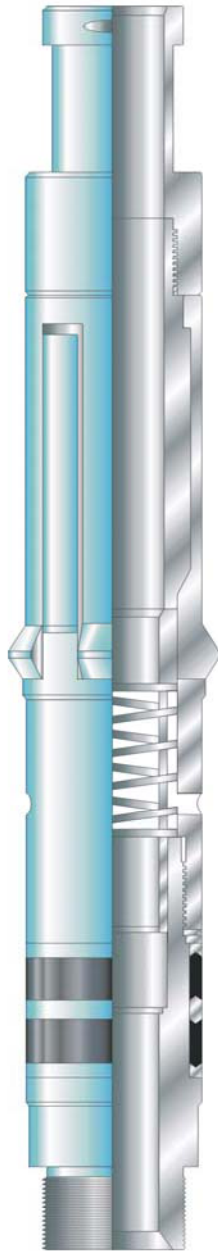
Is a BOTTOM NO-GO lock used in “TR” type profiles. This lock has a NO-GO shoulder located on the Packing gland to prevent downward movement and collet type locking fingers to prevent upward movement. The I.D. of the lock has a relatively smooth uninterrupted flow path and is excellent for high volume completions.

NOTE: When the Packing Gland and Packing Unit Assy. is made up on the “TE” Lock, the item becomes an K-LOCK SUB ASSY.

To Run: GS Running Tool / Model M Probe.

To Release: GS Running Tool / Model M Probe.

DIMENSIONAL DATA						
SIZE	NO-GO	LOCK OD	LATCH MAN-DREL ID	LOCK RING ID	PACKING MAN-DREL I.D.	OVERALL LENGTH
2.56						
2.75	2.802	2.715	1.850	1.750	1.500	21.623
2.81	2.872					
3.68	3.737	3.625	2.750	2.625	2.625	20.625
3.81	3.802					



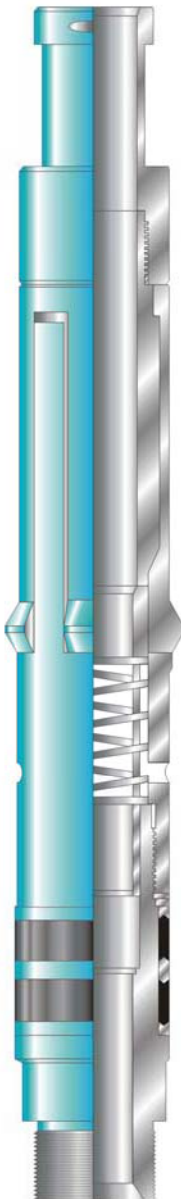
“TG” SERIES LOCK w/ PACKING GLAND (FLOWING LOCK)

Is a TOP NO-GO Lock used in “TF” type profiles.
This Lock has a NO-GO shoulder to prevent downward movement and collet type locking fingers to prevent upward movement. The I.D. of the Lock has a relatively smooth, uninterrupted flow path and is excellent for high volume completions.

NOTE: When the Packing Gland and Packing Unit Assy. is made up on the TG Lock, The item becomes a N-LOCK SUB ASSY.

To Run: C-1 Running Tool / N-1 Shank
To Release: SB or JDC Pulling tool / N-1 Probe

DIMENSIONAL DATA						
SIZE	NO-GO	FISH NECK	FISH NECK I.D.	PLUNGER I.D.	PACKING MANDREL I.D.	OVERALL LENGTH
1.81	1.865	1.375	0.953	0.807	0.807	17.375
1.87	1.925					
2.25	2.302	1.750	1.250	1.120	1.120	17.375
2.31	2.365					



“TR” SERIES LOCK w/ PACKING GLAND (FLOWING LOCK)

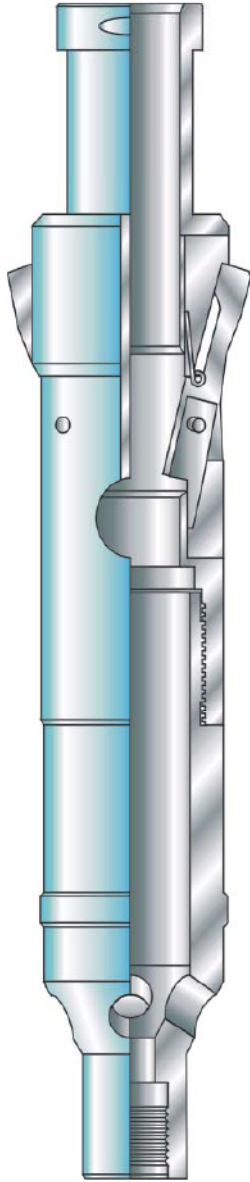
Is a BOTTOM NO-GO Lock used in “TR” type profiles.
This Lock has a NO-GO shoulder to prevent downward movement and collet type locking fingers to prevent upward movement. The I.D. of the Lock has a relatively smooth, uninterrupted flow path and is excellent for high volume completions.

NOTE: When the Packing Gland and Packing Unit Assy. is made up on the TR Lock, The item becomes a L-LOCK SUB ASSY.

To Run: C-1 Running Tool / N-1 Shank
To Release: SB or JDC Pulling tool / N-1 Probe

DIMENSIONAL DATA						
SIZE	NO-GO	FISH NECK	FISH NECK I.D.	PLUNGER I.D.	PACKING MANDREL I.D.	OVERALL LENGTH
1.81	1.865	1.375	0.953	0.807	0.807	15.438
1.87	1.925					
2.25	2.240	1.750	1.250	1.120	1.120	17.375
2.31	2.302					

“TFWB” DOWNHOLE INSTRUMENT HANGER



This Instrument Hanger is used to land and lock geophysical instruments in “TF” type profiles to allow recording of reservoir data.

FEATURES / BENEFITS

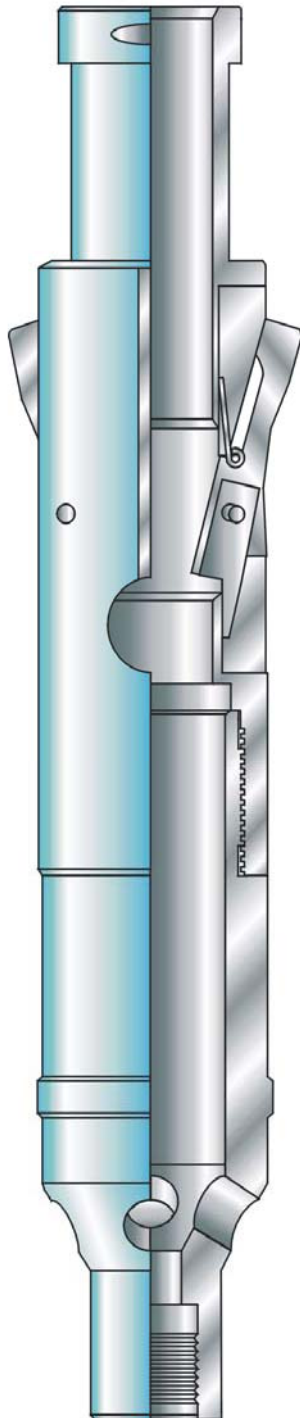
1. It allows the well’s Safety System to remain in full operation during the survey.
2. It allows removal of the wireline from a corrosive environment to prevent damage of wireline.
3. Several wells may be surveyed with one wireline unit.

To Run: “C-1” Running Tool

To Release: “B” Probe

To Pull: SB Pulling Tool

DIMENSIONAL DATA			
SIZE	NO-GO	FISH NECK O.D.	OVERALL LENGTH
1.78	1.865	1.375	13.125
1.81	1.865		
1.87	1.906		
2.25	2.302	1.750	14.31
2.31	2.365		
2.56	2.625	1.750	15.375
2.75	2.802	2.313	14.62
2.81	2.865		



“TRZB” DOWNHOLE INSTRUMENT HANGER

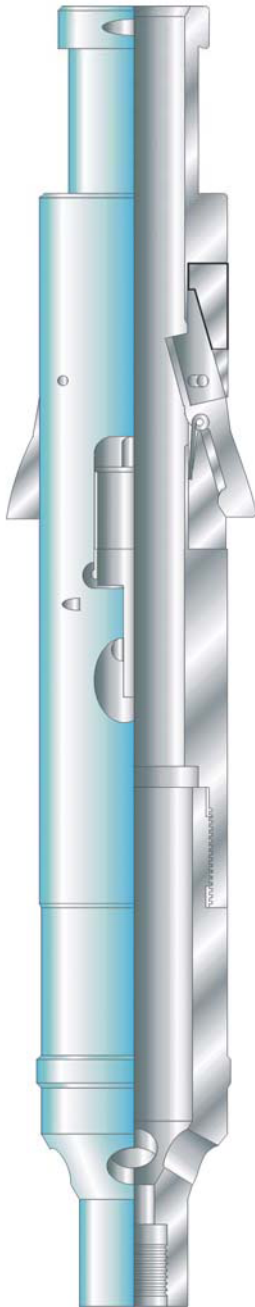
This Instrument Hanger is used to land and lock geophysical instruments in “TR” type profiles to allow recording of reservoir data.

FEATURES / BENEFITS

1. It allows the well’s Safety System to remain in full operation during the survey.
2. It allows removal of the wireline from a corrosive environment to prevent damage of wireline.
3. Several wells may be surveyed with one wireline unit.

To Run: “C-1” Running Tool
 To Release: “B” Probe
 To Pull: SB Pulling Tool

DIMENSIONAL DATA			
SIZE	NO-GO	FISH NECK O.D.	OVERALL LENGTH
1.78	1.771	1.375	13.125
1.81	1.802		
1.87	1.865		
2.25	2.240	1.750	14.31
2.31	2.302		
2.56	2.550	1.750	15.375
2.75	2.740	2.313	14.62
2.81	2.802		



“TFSB” DOWNHOLE INSTRUMENT HANGER

This Instrument Hanger is used to land and lock geophysical instruments in “TF” type profiles to allow recording of reservoir data.

FEATURES / BENEFITS

1. It allows the well’s Safety System to remain in full operation during the survey.
2. It allows removal of the wireline from a corrosive environment to prevent damage of wireline.
3. Several wells may be surveyed with one wireline unit.

To Run: “C-1” Running Tool w/ NO-GO Ring “A” Shank or Model “G” Running Tool (less Shank)

To Release: Model “A” or “AC” Probe

To Pull: SB Pulling Tool

DIMENSIONAL DATA			
SIZE	NO-GO	FISH NECK O.D.	OVERALL LENGTH
1.78	1.771	1.375	13.14
1.81	1.802		
1.87	1.865		
2.25	2.240	1.750	14.20
2.31	2.302		
2.56	2.550	1.750	17.593
2.75	2.740	2.313	14.625
2.81	2.802		

“TLWE” SEPERATION SLEEVE (NON- FLOWING)

For use in Model “TL” Circulating Sleeve

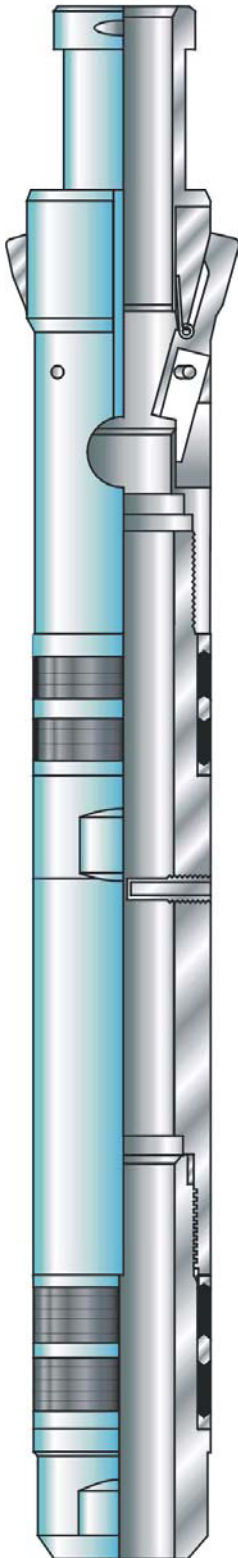
FEATURES / BENEFITS

1. It straddles and packs off above and below the circulating sleeve’s port thus stopping annulus-to-tubing communication while at the same time allowing ‘straight-thru’ flow through the separation sleeve.
2. Pressure can be equalized by breaking the equalizing plug.

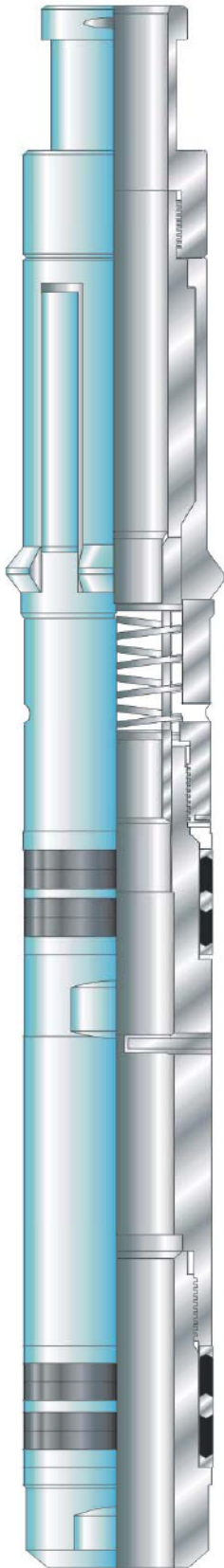
APPLICATION

To blank off the ports in a circulating sleeve that have become stuck in the open position or which have leaking seals.

To Run: “C-1” Running Tool
To Equalize: “A” Guide “A” Prong
To Pull: “SB” Pulling Tool / “B” Probe



DIMENTIONAL DATA			
SIZE	NO-GO	FISH NECK O.D.	OVERALL LENGHT
1.78	1.865	1.375	29.53
1.81	1.865		
1.87	1.906		
2.25	2.302	1.750	30.750
2.31	2.365		
2.75	2.802	2.313	31.530
2.81	2.875		



“TLGE” SEPERATION SLEEVE (FLOWING LOCK)

For use in Model “TL” Circulating Sleeve

FEATURES / BENEFITS

1. It straddles and packs off above and below the circulating sleeve’s port thus stopping annulus-to-tubing communication while at the same time allowing ‘straight-through’ flow through the separation sleeve.
2. Pressure can be equalized by breaking the equalizing plug.

APPLICATION

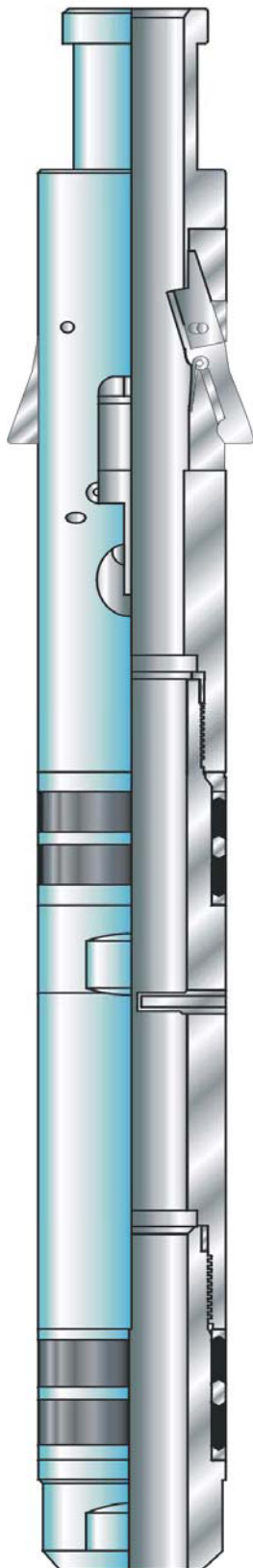
To blank off the ports in a circulating sleeve that have become stuck in the open position or which have leaking seals.

To Run: “C-1” Running Tool / N-1 Shank

To Equalize: “A” Guide “A” Prong (Length 22.75)

To Pull: SB or JDC Pulling Tool / “N-1” Probe

DIMENTIONAL DATA			
SIZE	NO-GO	FISHNECK O.D.	OVERALL LENGTH
1.78	1.865	1.375	25.65
1.81			
1.87			
2.25	2.302	1.750	26.69
2.31	2.365		



“TLSE” SEPERATION SLEEVE (SELECTIVE , NON-FLOWING LOCK)

For use in Model “TL” Circulating Sleeve

FEATURES / BENEFITS

1. It straddles and packs off above and below the circulating sleeve’s port thus stopping annulus-to-tubing communication while at the same time allowing ‘straight-through’ flow through the separation sleeve.
2. Pressure can be equalized by breaking the equalizing plug.

APPLICATION

To blank off the ports in a circulating sleeve that have become stuck in the open position or which have leaking seals.

To Run: “C-1” Running Tool w/ NO-GO Ring / “A” Shank

To Equalize: “A” Guide / “A” Prong (length 19.625)

To Pull: “SB” Pulling Tool / “A” or “AC” Probe

DIMENTIONAL DATA		
SIZE	FISHNECK O.D.	OVERALL LENGTH
1.78	1.375	31.125
1.81		
1.87		
2.25	1.750	32.440
2.31		
2.75	2.313	33.750
2.81		



“TLME” SEPERATION SLEEVE (FLOWING LOCK)

For use in Model “TL” Circulating Sleeve

FEATURES / BENEFITS

1. It straddles and packs off above and below the circulating sleeve’s port thus stopping annulus-to-tubing communication while at the same time allowing ‘straight-thru’ flow through the separation sleeve.
2. Pressure can be equalized by breaking the equalizing plug.

APPLICATION

To blank off the ports in a circulating sleeve that have become stuck in the open position or which have leaking seals.

To Run: “GS” Running Tool / Model “M” Probe
To Equalize: “A” Guide / “A” Prong (length 26.875)
To Pull: “GS” Running Tool / Model “M” Probe

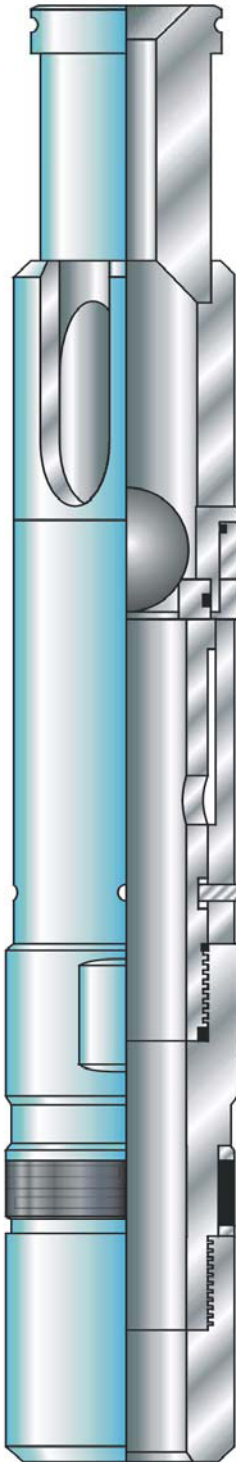
DIMENTIONAL DATA

SIZE	NO-GO	FISHNECK I.D.	OVERALL LENGTH
2.75	2.802	2.715	46.4
2.81	2.875		
3.68	3.740	3.625	53.2
3.81	3.835		

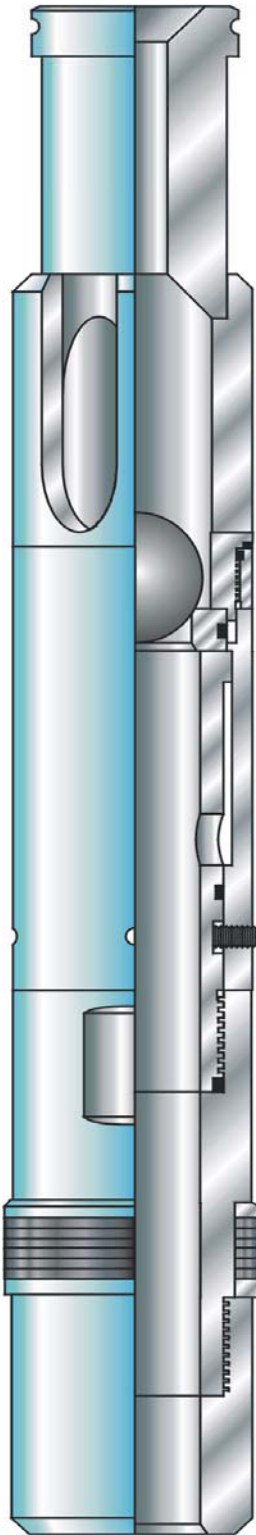
“TFB-2” EQUALIZING CHECK VALVE (TOP NO-GO)

Equalizing Check Valves are sometimes called “Standing Valves”. It prevents fluid flow in one direction (downward) while allowing full fluid flow in the opposite direction (upward). The “TFB-2” seats on the top NO-GO shoulder of a “TF” type profile which prevents downward movement. It is not locked into the profile, and has a built-in method of allowing equalizing before pulling.

To Run: “C-1” Running Tool
To Pull: “SB” or “JDC” Pulling Tool



DIMENTIONAL DATA			
SIZE	NO-GO	FISHNECK O.D.	OVERALL LENGTH
1.78	1.802	1.375	15.68
1.81	1.865		
1.87	1.905		
2.25	2.302	1.750	17.37
2.31	2.365		
2.56	2.625	1.750	18.810
2.75	2.802		
2.81	2.865	2.313	18.810
3.68	3.740		
3.75	3.182	3.125	16.46
3.81	3.875		

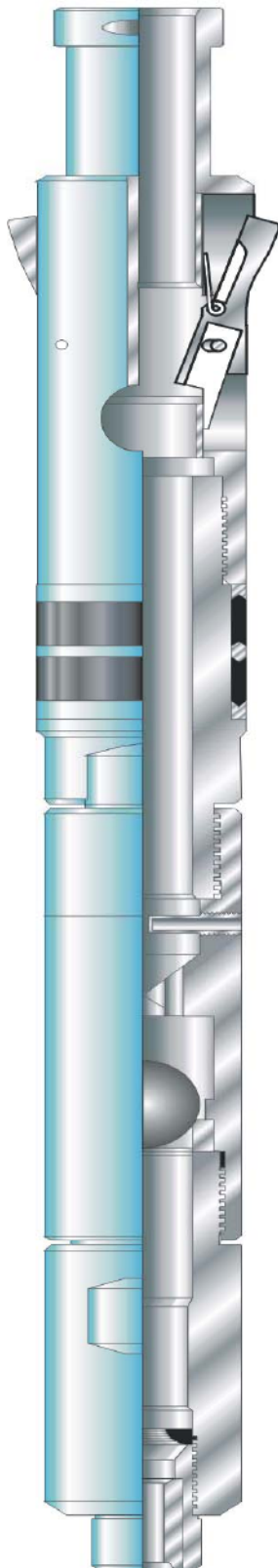


“TRB-2” EQUALIZING CHECK VALVE (BOTTOM NO-GO)

Equalizing Check Valves are sometimes called “Standing Valves” because they prevent fluid flow in one direction (downward) while allowing full fluid flow in the opposite direction (upward). The “TRB-2” seats on the top NOGO shoulder of a “TF” type profile which prevents downward movement. It is not locked into the profile, and has a built-in method of allowing equalizing before pulling.

To Run: “C-1” Running Tool
To Pull: “SB” or “JDC” Pulling Tool

DIMENSIONAL DATA			
SIZE	NO-GO	FISHNECK O.D.	OVERALL LENGTH
1.78	1.771	1.375	15.68
1.81	1.802		
1.87	1.865		
2.25	2.240	1.750	17.37
2.31	2.302		
2.56	2.550	1.750	18.810
2.75	2.740	2.313	18.810
2.81	2.802		
3.68	3.678	3.125	16.46
3.75	3.740		
3.81	3.802		

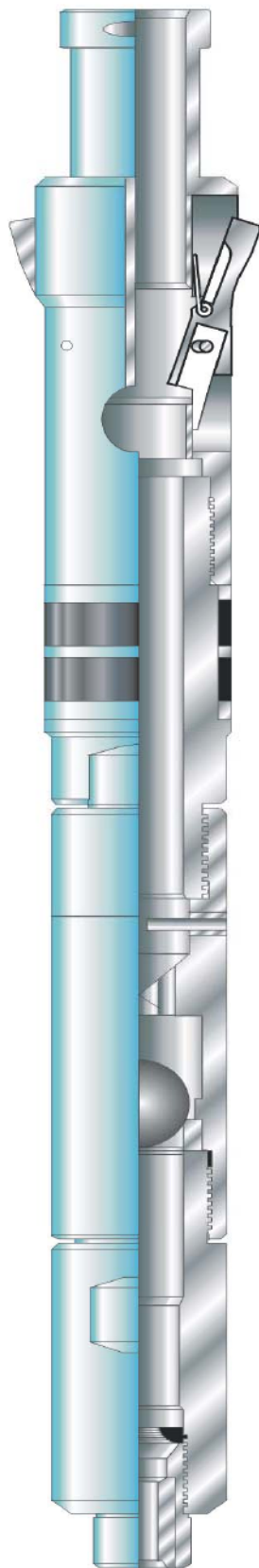


“TRZK” EQUALIZING CHECK VALVE CHOKE W/ FLOW BEAN

The Top Oil “TRZK” Equalizing Check Valve Choke is a bottom NO-GO wireline retrievable tool which controls upward flow and prevents downward flow. This valve is zone commingling with one or more upper zones. An integral, erosion resistant, Tungsten Carbide Orifice is sized to control the upward flow as desired while downward flow is checked with a ball and seat device. Pressure is checked across the valve by breaking the equalizing plug.

To Run “C-1” Running Tool
 To Equalize: “A” Guide / “A” Prong
 To Pull: “SB” Pulling Tool / “B” Probe

DIMENSIONAL DATA			
SIZE	MAX. O.D.	FISH NECK O.D.	OVERALL LENGTH
2.25	2.240	1.750	27.12
2.31	2.302		
2.750	2.740	2.310	27.68
2.813	2.802		

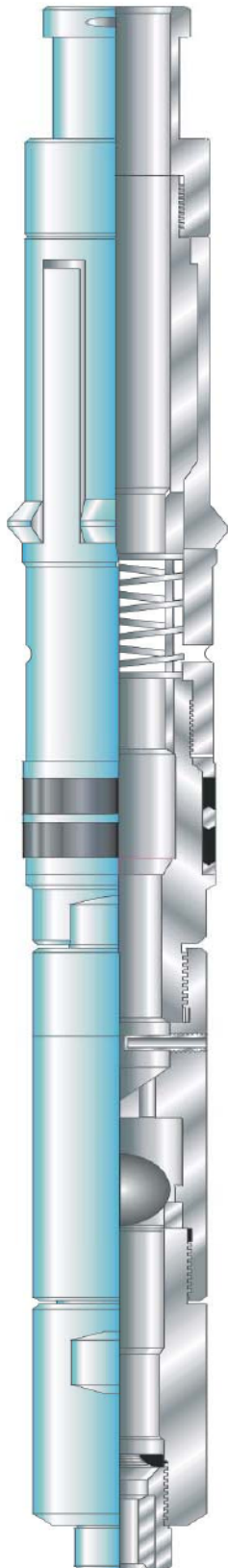


“TFWK” EQUALIZING CHECK VALVE CHOKE W/ FLOW BEAN

The Top Oil “TFWK” Equalizing Check Valve Choke is a bottom NO-GO wireline retrievable tool which controls upward flow and prevents downward flow. This valve is zone commingling with one or more upper zones. An integral, erosion resistant, Tungsten Carbide Orifice is sized to control the upward flow as desired while downward flow is check with a ball and seat device. Pressure is check across the valve by breaking the equalizing plug.

To Run “C-1” Running Tool
To Equalize: “A” Guide / “A” Prong
To Pull: “SB” Pulling Tool / “B” Probe

DIMENSIONAL DATA			
SIZE	MAX O.D.	FISH NECK O.D.	OVERALL LENGTH
1.78	1.865	1.375	18.625
1.81			
1.87			
2.25	2.302	1.750	27.120
2.31	2.365		
2.750	2.802	2.313	27.68
2.813	2.865		

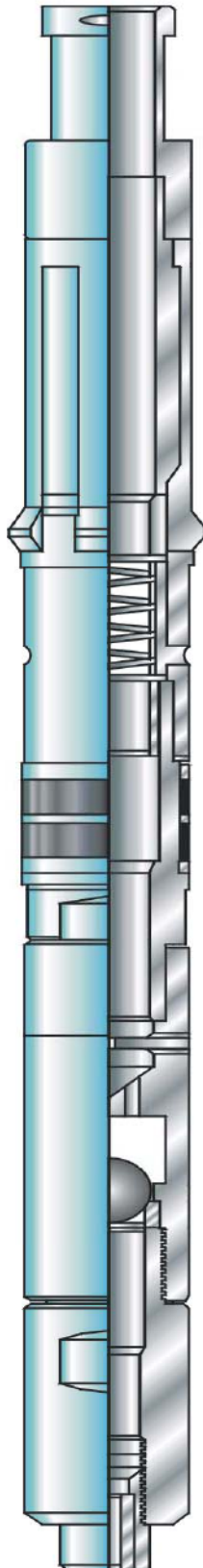


“TRRK” EQUALIZING CHECK VALVE CHOKE W/ FLOW BEAN

The Top Oil “TRRK” Equalizing Check Valve Choke is a bottom NO-GO wireline retrievable tool which controls upward flow and prevents downward flow. This valve is particularly suitable to control the flow of the lowermost zone commingling with one or more upper zones. An integral, erosion resistant, Tungsten Carbide Orifice is sized to control the upward flow as desired while downward flow is checked with a ball and seat device. Pressure is checked across the valve by breaking the equalizing plug.

To Run “C-1” Running Tool / “N-1” Shank
 To Equalize: “A” Guide / “A” Prong (length of Prong 17.875)
 To Pull: “SB” Pulling Tool / “N-1” Probe

DIMENSIONAL DATA				
SIZE	MAX. O.D.	FISH NECK OD	FISH NECK ID	OVERALL LENGTH
2.25	2.240	1.750	1.250	29.4
2.31	2.302			



“TFGK” EQUALIZING CHECK VALVE CHOKE W/ FLOW BEAN

The Top Oil “TFGK” Equalizing Check Valve Choke is a bottom NO-GO wireline retrievable tool which controls upward flow and prevents downward flow. This valve is particularly suitable to control the flow of the lowermost zone commingling with one or more upper zones. An integral, erosion resistant, Tungsten Carbide Orifice is sized to control the upward flow as desired while downward flow is checked with a ball and seat device. Pressure is checked across the valve by breaking the equalizing plug.

To Run “C-1” Running Tool / “N-1” Shank
To Equalize: “A” Guide / “A” Prong (length of Prong 17.875)
To Pull: “SB” Pulling Tool / “N-1” Probe

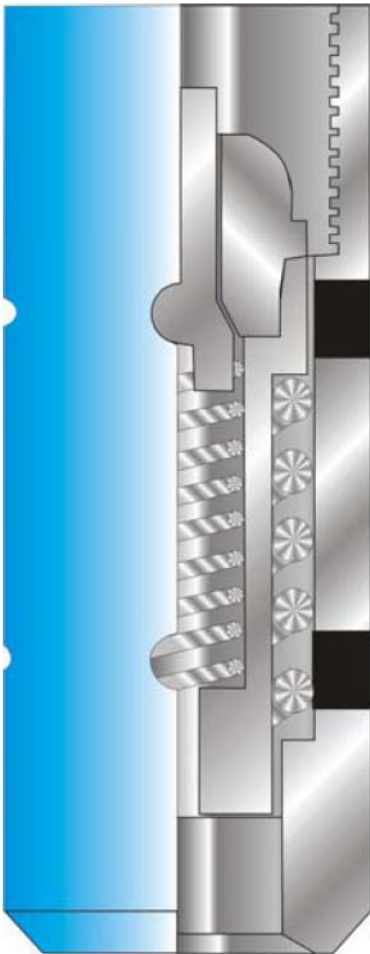
DIMENSIONAL DATA				
SIZE	MAX O.D.	FISH NECK I.D.	FISH NECK O.D.	OVERALL LENGTH
2.25	2.302	1.250	1.750	29.4
2.31	2.365			

“TB” CIRCULATING BLANKING PLUG BOTTOM

The “TB” Circulating Bottom holds pressure from below while allowing circulation from above. It can be held open to bypass fluid while running and pulling.

The “TB” Circulating Bottom can be run on the S, W & Z Locks to land in F or R Profile.

To Run: C-1 Running Tool / A Prong, A Shank & B Probe



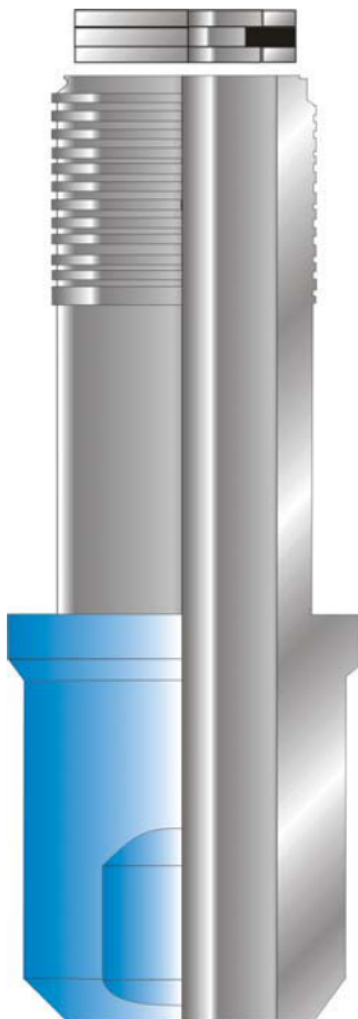
DIMENSIONAL DATA	
SIZE	LENGTH
1.43	6.47
1.50	
1.56	6.41
1.62	
1.78	5.88
1.81	
1.87	
2.25	7.25
2.31	
2.75	9.44
2.81	

“TP” DISK BOTTOM

The TP Disk Bottom holds a brass disk that hold pressure from both directions. A spear is run in to pierce the disk to equalize before pulling the plug

FEATURES / BENEFITS

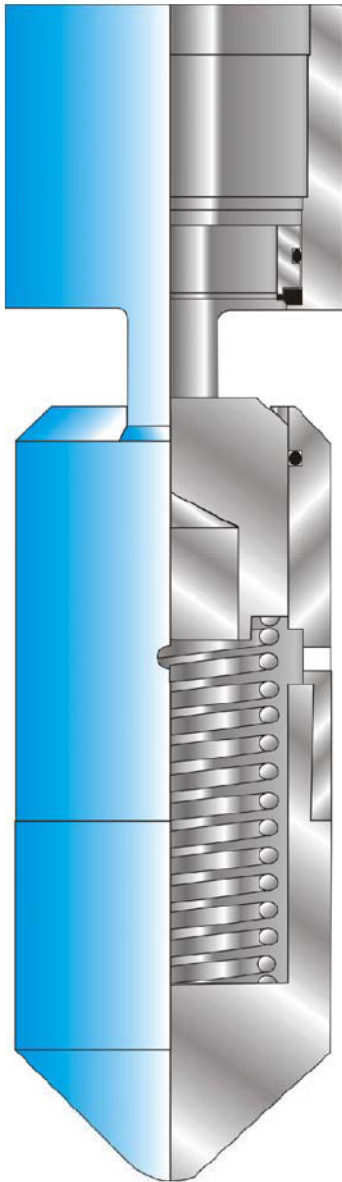
1. Hold pressure in both directions
2. Can be run on a W and a Z Lock
3. Bottom Can be threaded for additional accessories
 Equalizing requires a spear to puncture disk



DIMENTIONAL DATA		
SIZE	NO-GO	LENGTH
1.43	1.427	4.38
1.50	1.490	
1.56	1.552	4.44
1.62		
1.78	1.771	4.75
1.81	1.802	
1.87		
2.25	2.240	5.12
2.31		
2.75	2.740	5.25
2.81		

“RL” INJECTION VALVE

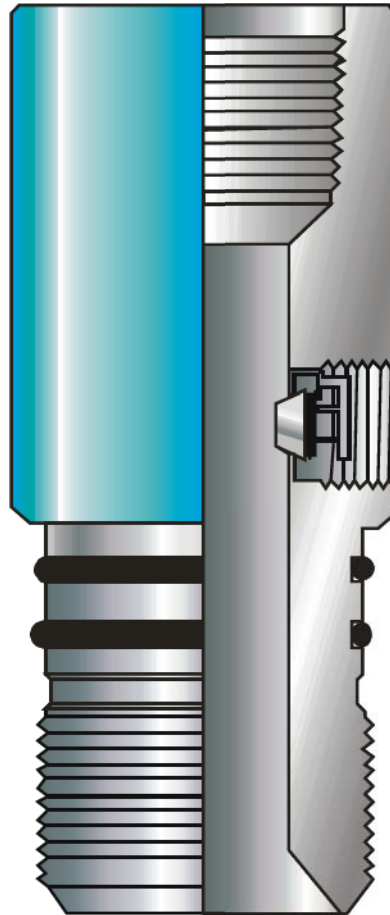
The Top Oil “RL” Injection Valve is a wireline check valve used in injection wells to prevent flow back if injection is stopped for any reason. The design provides a larger flow area and the seat and disk are not in the direct flow path. The seat has two seal areas and the low pressure seal is Delrin. The standard material is 17/4 PH and has a QPQ finish to provide longer life. The “RL” injection valve can be run on any wireline lock with a Poppet or Kobe type adapter for easy retrieval. The design is simple and the valve is easily redressed in the shop or at the well sight.



DIMENTIONAL DATA			
SIZE	MAX O.D.	MIN O.D.	SEAT I.D.
2.375	1.750	1.718	0.875
2.875	2.218	2.000	1.250
	2.250	2.000	1.427
3.500	2.500	2.375	1.625
4.500	3.000	3.000	2.000
5.000	3.718	3.000	2.718
7.000	5.000	5.000	3.500

POPPET TYPE EQUIDAPTER

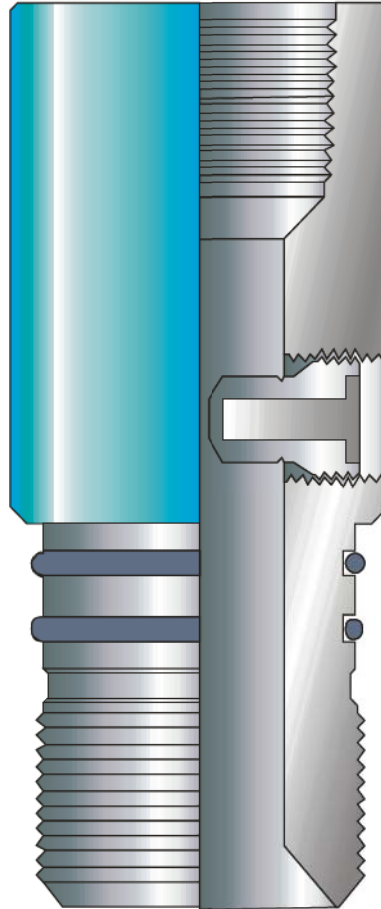
Uses a Poppet to Equalize pressure below a Lock Mandrel. The top thread is designed for a Halliburton or Baker Style lock. The poppet system is designed to be run and pulled with an Equalizing Prong. This Equidapter commonly used with an RL Injection Valve.



TUBING SIZE	MAX OD	MIN ID
2-3/8"	1.750"	0.875"
2-7/8"	2.218"	1.250"
	2.250"	1.427"
3-1/2"	2.500"	1.625"
4-1/2"	3.000"	2.000"
5"	3.718"	2.718"
5-1/2"	3.718"	2.718"
7"	5.000"	3.500"

KOBE TYPE EQUIDAPTER

Uses a KOBE to Equalize pressure below a Lock Mandrel. The top thread is designed for a Halliburton or Baker Style lock. The poppet system is designed to be pulled with an Equalizing Prong. The Prong Breaks the KOBE and allows the pressure to Equalize. This Equidapter commonly used with an RL Injection Valve.



TUBING SIZE	MAX OD	MIN ID
2-3/8"	1.750"	0.875"
2-7/8"	2.218"	1.250"
	2.250"	1.427"
3-1/2"	2.500"	1.625"
4-1/2"	3.000"	2.000"
5"	3.718"	2.718"
5-1/2"	3.718"	2.718"
7"	5.000"	3.500"

HYDROTRIP SUB

Features & Benefits

1. Full Bore ID after shitting
2. Rubber Bonded Seat
3. Adjustable Shear Pin
4. Can Be run in the middle of the tubing string
5. Used to set Single or Dual Packers



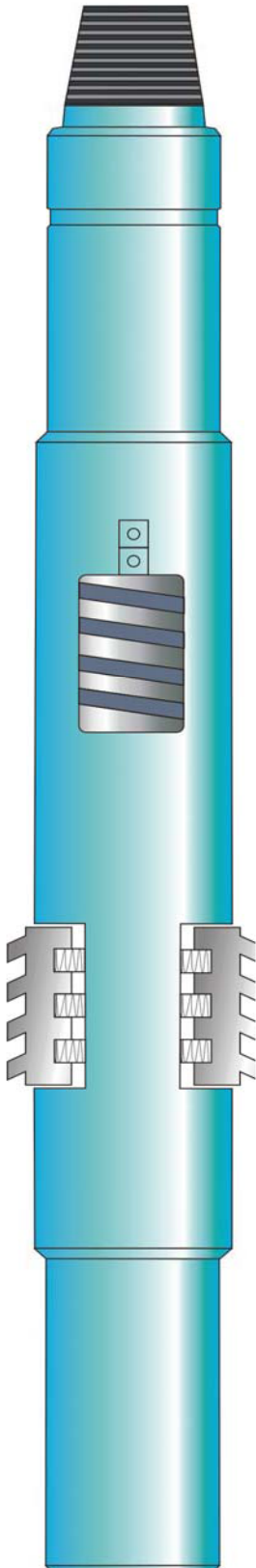
SIZE	MAX OD	MIN ID	LENGHT
2.875"	3.687"	2.406"	17.94"
3-1/2"	4.500"	2.875	19.81

CASING SCRAPPER

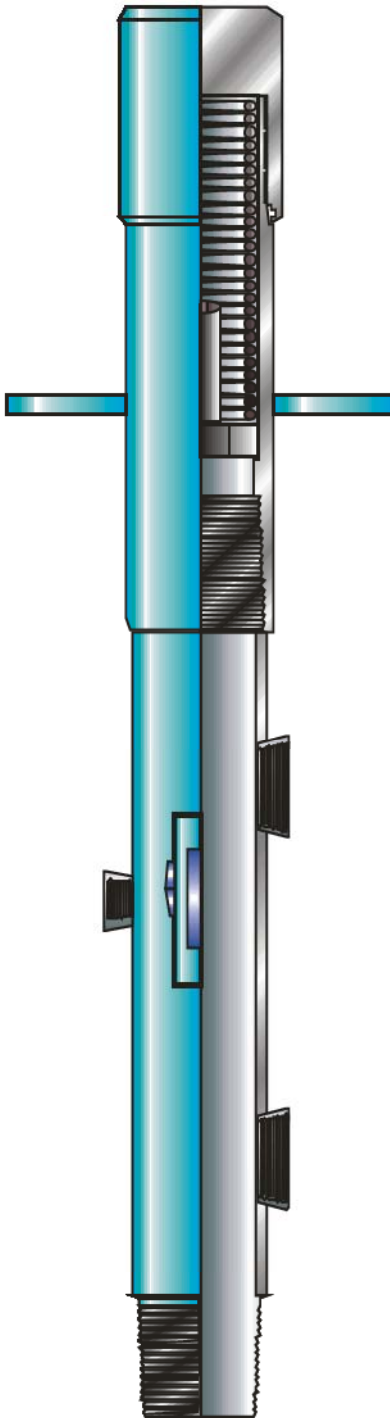
The Top Oil “ Tri-State Style Casing Scraper

Features & Benefits

1. Scraper Boddy is One Solid Piece
2. Each scraper covers a large Range of Casing
3. Easy To Redress and Maintain
4. Durable Blade Material



PIPE			BODY	BLADE	SCRAPPER EXPANSION		
SIZE	WT	ID	OD	THICK	MIN	MAX	NO OF SPRINGS
5-1/2"	14	5.012	4-3/8"	1-3/8"	4-3/8"	5-1/2"	3
5-1/2"	15.5	4.950					
5-1/2"	17	4.892					
5-1/2"	20	4.778					
5-1/2"	23	4.670					
7"	23	6.366	5-3/8"	1-5/8"	5-3/4"	6-3/4"	5
7"	26	6.278					
7"	28	6.184					
7"	32	6.094					



“TLHD” HEAVY DUTY LUBRICATOR (PLUNGER STYLE)

The Top Oil “TLHD” Lubricator has a working pressure of 3500 PSI.

FEATURES / BENEFITS

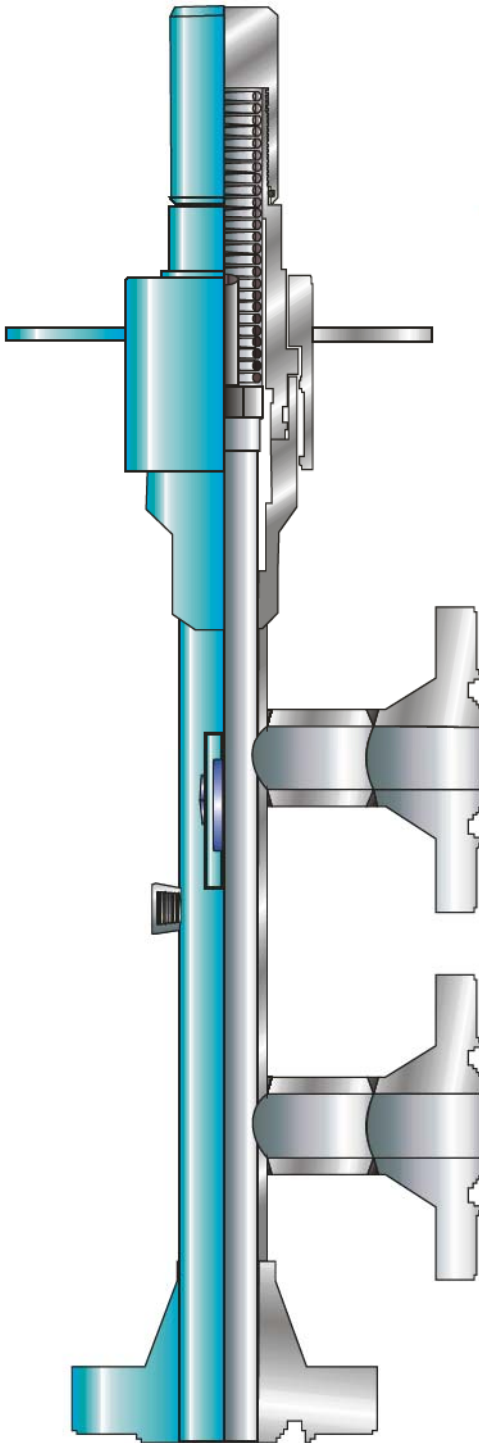
1. 2” dual flow outlets.
2. 1/2” NPT outlet for needle valve.
3. 2-3/8” or 2-7/8” standard with 8rnd EUE threads.
4. Trigger style catcher.
5. Stub Acme thread on cap for easy access to spring.

“TLHP-HD” HIGH PRESSURE / HEAVY DUTY LUBRICATOR WITH BOWEN UNION TOP

The Top Oil “TLHP-HD” Lubricator has a working pressure of 5000
PSI, 7500 PSI Test

FEATURES / BENEFITS

1. 2-1/16” 5M RTJ XXM dual flow outlet Flanges
2. 1/2” NPT outlet for needle valve.
3. 2-1/16” 5M RTJ XXM Bottom Flange
4. Trigger style catcher.
5. Stub Acme thread on cap for easy access to spring.



DUAL PAD PLUNGER

The Top Oil “Dual Pad Plunger” has two sets of pads and a set of solid rings in the center.

Sizes: 2-3/8” and 2-7/8”



	2 3/8	2 7/8
Fishing Neck Size	1 3/8	1 3/8
Overall Length	12 .5	12.5
Max O.D. Open	2.020	2.500
Collapsed O.D.	1.875	2.345

QUAD PAD PLUNGER

The Top Oil “Quad Pad Plunger” has four sets of pads with solid rings in between.

Sizes: 2-3/8” and 2-7/8”

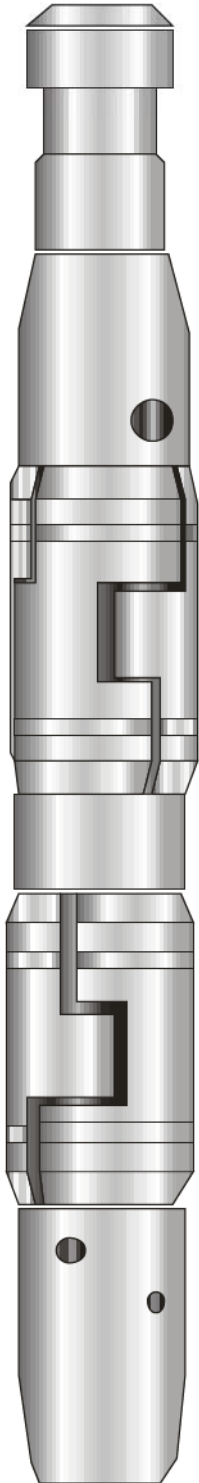


	2 3/8	2 7/8
Fishing Neck Size	1 3/8	1 3/8
Overall Length	12 .5	12.5
Max O.D. Open	2.020	2.500
Collapsed O.D.	1.875	2.345

DUAL PAD PLUNGER

The Top Oil “Dual Pad Plunger” has two sets of pads and a set of solid rings in the center.

Sizes: 2-3/8” and 2-7/8”

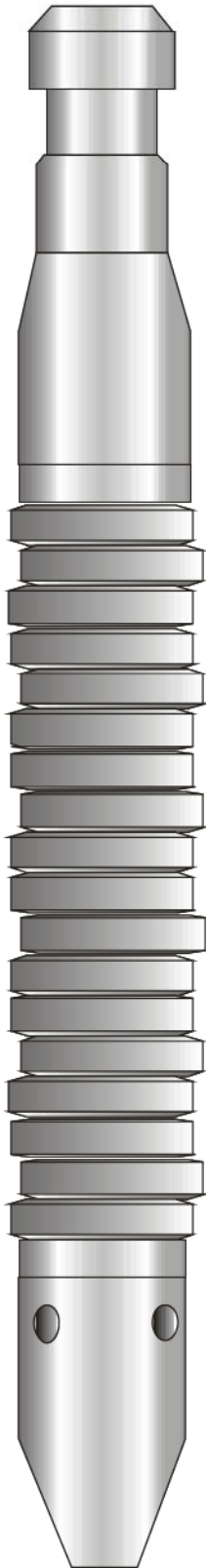


	2 3/8	2 7/8
Fishing Neck Size	1 3/8	1 3/8
Overall Length	13 7/8	13 7/8
Max O.D. Open	2.020	2.500
Collapsed O.D.	1.875	2.345

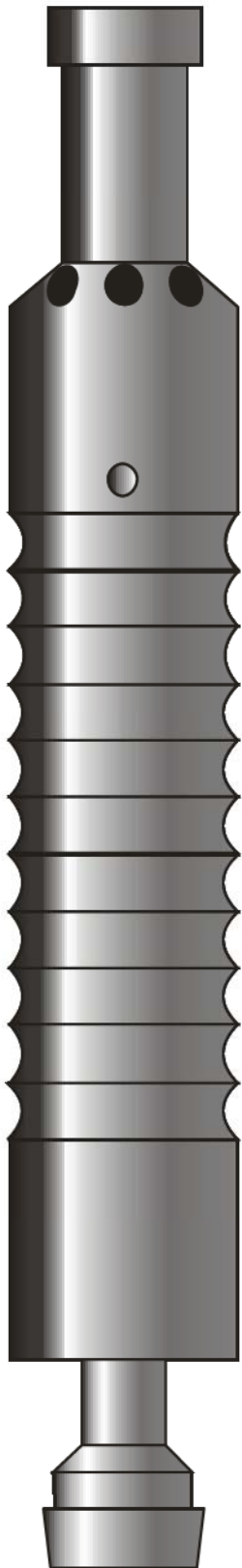
WABLE WASHER PLUNGER

The Top Oil “WABLE WASHER PLUNGER” has a stack of Off/Set Washers. This allows the plunger to run through tubing that has tight spots.

Sizes: 2-3/8” and 2-7/8”



	2 3/8	2 7/8
Fishing Neck	1 3/8	
Overall Length	11.00	
Max O.D.	1.845	

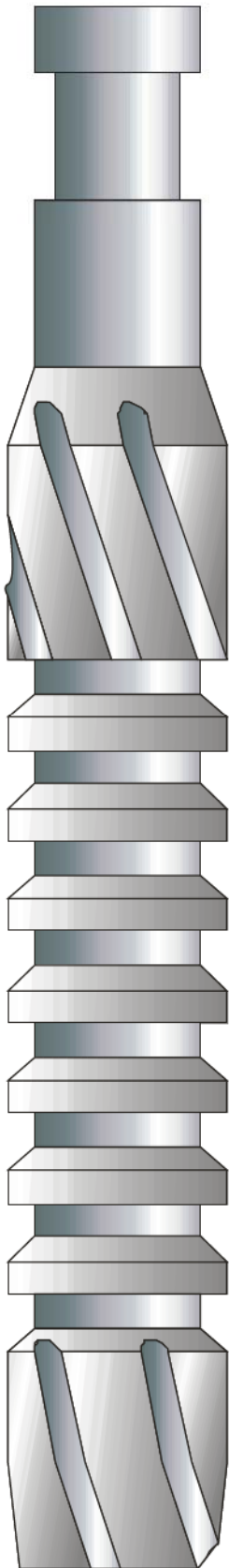


BYPASS PLUNGER

The Top Oil “Bypass Plunger” has an adjustable bypass valve that allows for faster fall times against flowing liquid. This allows for short or no shut in time. Ports on side can be closed to adjust fall rate.

Sizes: 2-3/8” and 2-7/8”

	2 3/8	2 7/8
Fishing Neck	1 3/8	
Overall Length	13 3/4	
Max O.D.	1.900	



SOLID RIFLED PLUNGER

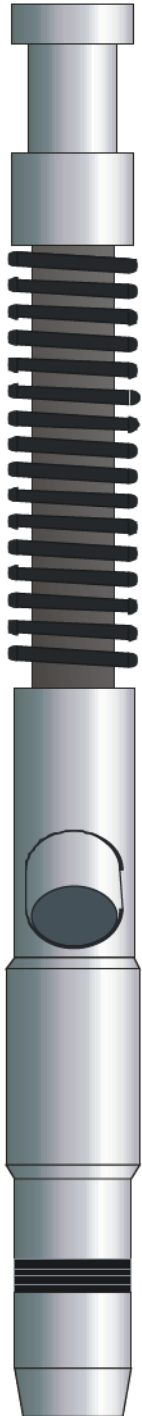
Rifles in plunger allow plunger to operate in heavy salt, sand and coal fines.

Sizes: 2-3/8" and 2-7/8"

	2 3/8	2 7/8
Fishing Neck	1 3/8	
Overall Length	11.00	
Max O.D.	1.845	

BUMPER SPRING STANDING VALVE COMBINATION

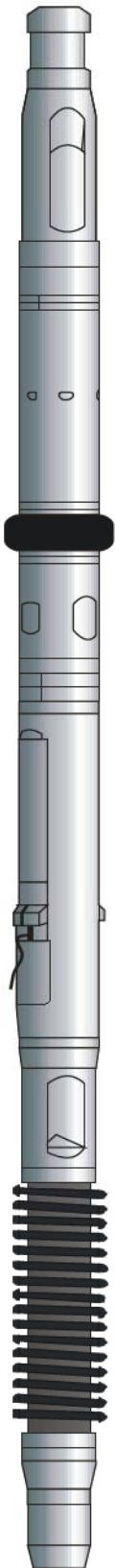
The TOP OIL TOOLS Bumper Spring Standing Valve Combination has the option to run “V” Packing or a Rubber Cup System depending on the style of nipple you are landing in. The Bumper Spring Standing Valve Combination provides a spring for relief of impact and to protect the fishing neck profile. The ball check is designed for maximum flow through ability by hiding



	2 3/8	2 7/8
Fishing Neck	1 3/8	1 3/8
No Go	1.895	2.340
Seat Nipple Size	1.781	2.280

STAGE TOOL

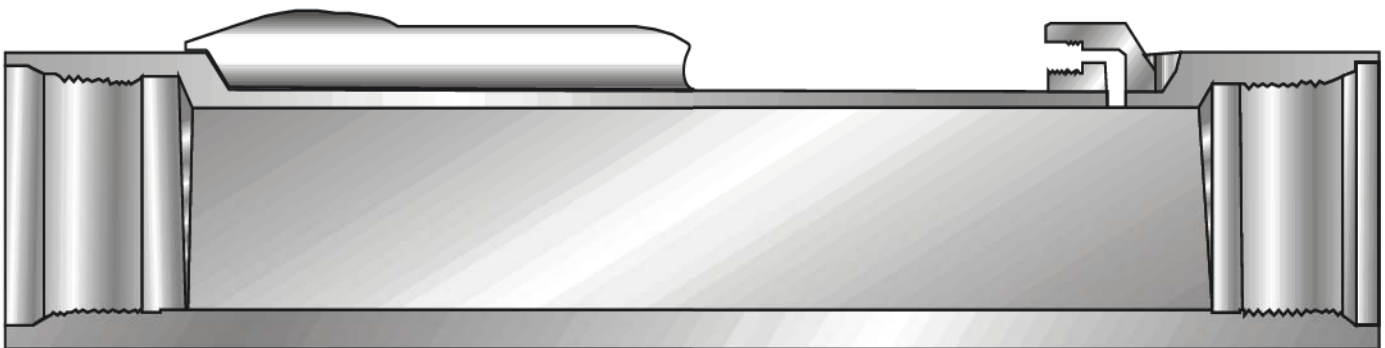
The Top Oil “STAGE TOOL” is set in tubing using a built in collar stop. It is set above a conventional plunger and uses another plunger on above it. A spring is built into the bottom of the tool to absorb impact from below. While a check valve keeps fluid from flowing down hole past the tool. A Nitrile rubber element is used to seal against the tubing wall after the tool is set.



	2 3/8	2 7/8
Fishing Neck	1 3/8	1 3/8
Min. I.D.	0.875	1.5

2-3/8" GAS LIFT WASHOVER MANDREL SPECIAL CLEARANCE

This mandrel is designed for Heavy 4-1/2" Casing. The SCM Mandrel uses a 1" Conventional Pressure Valve and 1" Conventional reverse flow check. The OD allows 4-1/2" Wash Pipe to fit over the mandrel and valve. The Large ID allows gauges and other Wireline tools to pass easy.



2-3/8" WASH-OVER MANDREL	
MAX OD (RUNNING CLEARANCE)	3.454"
LENGTH	36.5"
ID FLOW	2"
VALVE TYPE & SIZE	CONVENTIONAL PRESSURE / 1"
WEIGHT	32 lbs.
THREAD	2-3/8" EUE 8RND

***TOP
OIL TOOLS
DOWNHOLE
PERFORMANCE***

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