



OILMEC



**CATALOGUE
DOWN HOLE
TOOLS**

OILMEC DRILLING EQUIPMENTS PVT. LTD.



COMPANY PROFILE

Oilmec is one of the world's leading manufacturers of Completion products in the world and offers a complete Solution of Downhole Completion Equipment line for Oil and Gas Industry. These product design and manufacturing expertise has been developed by experience, field knowledge & exposure to the technology throughout the world.

Oilmec products are designed, assembled, tested and inspected by its facility which is equipped with testing equipment including **Test Well (API SPEC 11D1) & Flow Loop (API SPEC RP10F)**.

Packer and Bridge Plug Tested & Validated as Per **V0 to V6** Grade of Validation According to API SPEC 11D1 Requirements.

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PACKER SYSTEM

PRODUCT NAME

MODEL

HYDRAULIC PACKER

- | | |
|-----------------------------------------------|---------|
| ➤ HYDROSTATIC SINGLE STRING PRODUCTION PACKER | OM-OFH |
| ➤ HYDRAULIC SET PRODUCTION PACKER | OM-HY-6 |

MECHANICAL PACKER

- | | |
|-------------------------------------------------|---------|
| ➤ MECHANICAL SET SINGLE GRIP RETRIEVABLE PACKER | OM-SR-3 |
| ➤ MECHANICAL SET DOUBLE GRIP RETRIEVABLE PACKER | OM-DR-3 |

SEAL BORE PACKER

- | | |
|-----------------------------------------------------|-----------|
| ➤ HYDRAULIC SET SEAL BORE (SINGLE) DRILLABLE PACKER | OM-HSBP-1 |
| ➤ HYDRAULIC SET SEAL BORE (DOUBLE) DRILLABLE PACKER | OM-HSBP-2 |
| ➤ WIRELINE SET SEAL BORE (SINGLE) DRILLABLE PACKER | OM-WSBP-1 |
| ➤ WIRELINE SET SEAL BORE (DOUBLE) DRILLABLE PACKER | OM-WSBP-2 |



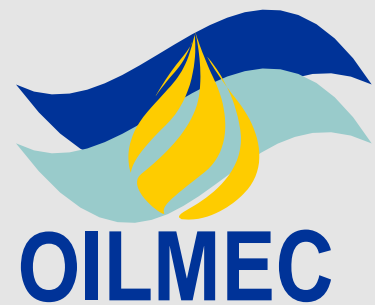
PACKER ACCESSORIES

PRODUCT NAME	MODEL
➤ PUMP OUT PLUG WITH HALF MULE	OM-POP-H
➤ HYDRAULIC SETTING TOOL # 05 # 10 # 20	OM-HST

BRIDGE PLUG SYSTEM

CAST IRON BRIDGE PLUG

➤ PERMANENT WIRE LINE SET DRILLABLE BRIDGE PLUG	OM-PWBP
➤ PERMANENT MECHANICAL SET DRILLABLE BRIDGE PLUG	OM-PMBP
➤ HYDRO MECHANICAL BRIDGE PLUG	OM-HMBP
➤ ADAPTER KIT	OM-WADK
➤ SNAP LATCH SETTING TOOL	OM-SLST

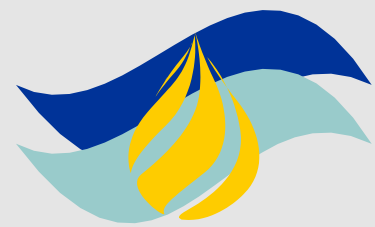


CAST IRON CEMENT RETAINER

PRODUCT NAME	MODEL
➤ PERMANENT WIRE LINE SET DRILLABLE CEMENT RETAINER	OM-PWCR
➤ PERMANENT MECHANICAL SET DRILLABLE CEMENT RETAINER	OM-PMCR

RETRIEVABLE BRIDGE PLUG & OTHERS

➤ RETRIEVABLE WIRE LINE SET BRIDGE PLUG	OM-RWBP
➤ RETRIEVABLE MECHANICAL SET BRIDGE PLUG	OM-RMBP
➤ SNAP LATCH STINGER SUB	OM-SSB
➤ CONTROL UNIT	OM-CU
➤ RETRIEVABLE MECHANICAL TESTING PACKER	OM-RMTP



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LINER HANGER SYSTEM

HYDRAULIC LINER HANGER

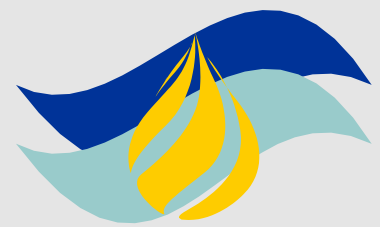
PRODUCT NAME	MODEL
➤ POCKET SLIP LINER HANGER WITH INTEGRAL LINER TOP PACKER	OM-PSLH-LTP
➤ PREMIUM ROTATING HYDRAULIC LINER HANGER	OM-PRHLH
➤ HYDRAULIC LINER HANGER NON-ROTATING (SINGLE SLIP)	OM-HLHNR-1
➤ HYDRAULIC LINER HANGER NON-ROTATING (DOUBLE SLIP)	OM-HLHNR-2

MECHANICAL LINER HANGER

➤ PREMIUM ROTATING MECHANICAL SET LINER HANGER	OM-PRMLH
➤ MECHANICAL SET LINER HANGER NON-ROTATING	OM-MLHNR

LINER TOP PACKER

➤ PREMIUM LINER TOP PACKER	OM-PLTP
➤ LINER TOP PACKER WITH INTEGRAL SLIP	OM-LTP
➤ LINER TOP PACKER WITH OUT INTEGRAL SLIP	OM-LTP-WIS
➤ ROTATING PACKER SETTING TOOL WITH SHEAR INDICATOR	OM-PST



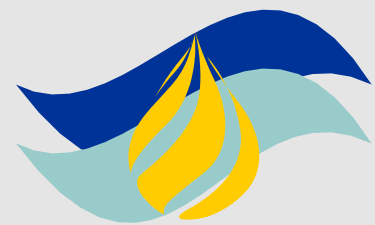
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RUNNING TOOL LINER HANGER

PRODUCT NAME	MODEL
➤ MECHANICAL RELEASE RUNNING TOOL	OM-MRT
➤ RIGHT HAND RELEASE RUNNING TOOL	OM-RHT
➤ HYDRAULIC RELEASE RUNNING TOOL	OM-HRT

LINER HANGER ACCESSORIES

➤ SWAB CUP PACKER	OM-SWCP-H
➤ LATCH TYPE LANDING COLLAR	OM-LTLC
➤ HYDRAULIC ACTIVATED LANDING COLLAR WITH BALL CATCHER SUB	OM-HALC-BC
➤ HYDRAULIC LANDING COLLAR WITH OUT BALL CATCHER SUB	OM-HLC-WBC
➤ DEBRIS JUNK SCREEN	OM-DJS
➤ LIFTING NIPPLE	OM-LN
➤ POLISH BORE RECEPTACLE	OM-PBR
➤ SEAL JOINT WITH CONNECTOR	OM-SJT
➤ SEAL JOINT WITH OUT CONNECTOR	OM-SJT-1
➤ LINER WIPER PLUG CONNECTOR	OM-LWP-CN
➤ LINER WIPER PLUG	OM-LWP
➤ DRILL PIPE WIPER PLUG	OM-DWP



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PRODUCT NAME

MODEL

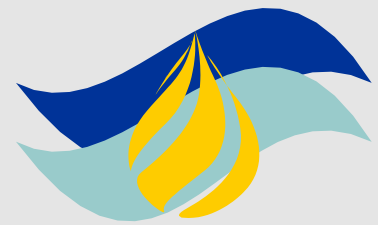
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|--------------------------------------------------|-----------|
| ➤ HYDRO TRIP PRESSURE SUB | OM-HTS |
| ➤ RETRIEVABLE PACK-OFF BUSHING | OM-RPOB |
| ➤ SETTING SLLEVE FOR HR PROFILE | OM-SS-HR |
| ➤ SETTING SLLEVE FOR RH PROFILE | OM-SS-RH |
| ➤ SETTING SLLEVE FOR RH1 PROFILE (F/ LINER DROP) | OM-SS-RH1 |
| ➤ SETTING SLLEVE FOR NUT PROFILE | OM-SS-N |
| ➤ SETTING SLLEVE FOR NUT PROFILE (F/ LINER DROP) | OM-SS-N1 |
| ➤ TUBING SWIVEL SUB | OM-TSS |

CLEAN OUT TRIP

- | | |
|------------------------|--------|
| ➤ TOP DRESS MILL | OM-TDM |
| ➤ SPACER TUBE | OM-SPT |
| ➤ CLEAN OUT BLADE MILL | OM-CBM |

TIE BACK SYSTEM

- | | |
|-------------------------------------|---------|
| ➤ LINER TIE BACK SEAL NIPPLE | OM-LTBN |
| ➤ LINER TIE BACK SEAL NIPPLE PACEKR | OM-LTBP |



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TOP DRIVE CEMENTING HEAD

PRODUCT NAME	MODEL
➤ TOP DRIVE CEMENTING HEAD WITH SINGLE PLUG	OM-TDCH-SP
➤ TOP DRIVE CEMENTING HEAD WITH DOUBLE PLUG	OM-TDCH-DP

LANDING NIPPLE

➤ LANDING NIPPLE 'R' PROFILE (Otis 'R')	OM-LNP-R
➤ LANDING NIPPLE 'RN' PROFILE (Otis 'RN')	OM-LNP-RN
➤ LANDING NIPPLE 'X' PROFILE (Otis 'X')	OM-LNP-X
➤ LANDING NIPPLE 'XN' PROFILE (Otis 'XN')	OM-LNP-XN

HYDROSTATIC SINGLE STRING PRODUCTION PACKER

MODEL: OM-OFH

PRODUCT No.: OM-20201

The Model OFH Retrievable Hydrostatic Packer is used in production, injection and zonal isolation. It can be run in single or multiple zone installations. It is recommended for deviated wells where conditions are not suitable for mechanical or wireline set packers. No tubing movement is required or generated to set the packer. Once set, the packer is locked in place by one-piece no-directional slips. The packer can be released by straight pull. They are available in 4 1/2" through 9 5/8" casing.



Features/Benefits:

- ❖ Sets securely in any hardness casing, including premium grades
- ❖ Simple operation
- ❖ Hydraulically activated, hydrostatic set
- ❖ Built-in unloader and bypass
- ❖ Pack off is mechanically locked and constantly reinforced by hydrostatic pressure
- ❖ Triple seal multi-durometer elements
- ❖ No Mandrel movement during setting allows stacked packer applications
- ❖ Straight pull release
- ❖ Field-proven design

Application:

- ❖ Production, injection and zonal isolation.
- ❖ Single string selective completions or dual string completions with multiple packers.
- ❖ Deviated wells or other application where no rotation for installation or removal is desired.
- ❖ Application where displacing and setting after the well is flanged up is desirable.



Specification Guide: OM-OFH

Casing				Packer			
SIZE in mm	Weight lbs./ft	Min. ID in mm	Max. ID in mm	Size	Nominal ID in mm	OD in mm	End Connection Specification Box Up & Pin Down in
4-1/2 114,30	9.5-13.5	3.910 99,31	4.090 103,9	43A	1.995 50,67	3.771 95,78	2-3/8 OD EU 8 RD 60,33
5 127,00	15-18	4.250 108,0	4.408 112,0	43B		4.125 104,78	
	11.5-15	4.408 112,00	4.560 115,8	43C		4.250 107,95	
26	4.500 114,30						
5-1/2 139,70	20-23	4.625 117,50	4.778 121,40	45A2		4.641 117,88	
	14-20 15.5-20	4.778 121,40	4.950 125,70	45A4		4.781 121,44	
	13-15.5	4.950 125,70	5.190 131,80	45B			
7 177,80	38	5.830 148,10	5.937 150,80	47A2	2.441 62,00 or 1.995 50,67	5.656 143,66	2-7/8 OD EU 8 RD 73,03 or 2-3/8 OD EU 8 RD 60,33
	32-35	6.004 152,50	6.094 154,79	47A4		5.812 147,62	
	26-29	6.189 157,20	6.276 159,40	47B2		5.968 151,59	
	20-26	6.276 159,40	6.456 164,00	47B4		6.078 154,38	
	17-20	6.456 164,00	6.578 167,10	47C2		6.266 159,16	
9-5/8 244,48	47-53.5	8.343 211,90	8.681 220,50	51A2	2.992 75,997 or 2.441 62,00 or 1.995 50,67	8.218 208,74 8.437 214,30	3-1/2 OD EU 8 RD 88,90 or 2-7/8 OD EU 8 RD 73,03 or 2-3/8 OD EU 8 RD 60,33
	40-47	8.681 220,50	8.835 224,40	51A4		8.593 218,26	
	29.3-36	8.836 224,40	9.063 230,20	51B			



HYDRAULIC SET PRODUCTION PACKER

MODEL: OM-HY-6

PRODUCT No.: OM-20202

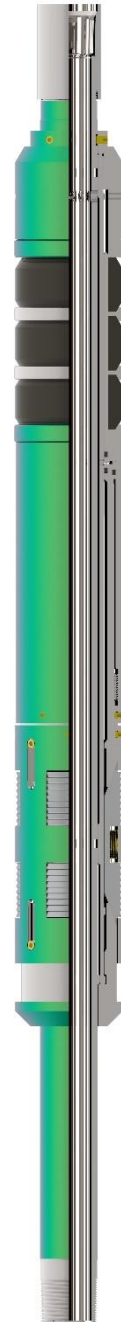
HP-6 Hydraulic Set High Angle Production packer is designed for low to medium pressure applications. The short body length makes it ideal for high angle deviations and horizontal applications. This compact, economical packer requires no mandrel movement. Straight pull release, pressure equalization, and shear out features provide quick release and easy retrieval.

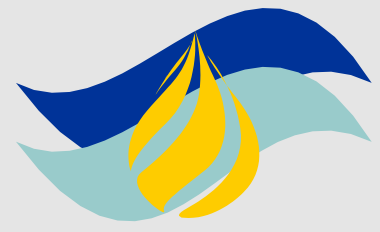
Features/Benefits:

- ❖ No downward mandrel movement makes this tool ideal for stacked packer completions.
- ❖ Straight-pull release, adjustable up to 50,000 lbs (22,680 kg), eliminates the need to rotate the tubing to release the packer, saving valuable rig time.
- ❖ Shear screws, isolated from the hydraulic pressure, require low shear-out force, making the tool easy to release, even at full pressure differential.
- ❖ Built-in bypass ports equalize pressure across the packer for easy retrieval.
- ❖ Short overall length allows packer to negotiate highly deviated wells and severe doglegs for shorter run-in times.

Application:

- ❖ Highly deviated wells and severe doglegs.
- ❖ Offshore oil and gas wells with low to medium pressure requirements
- ❖ Stacked packer completions.
- ❖ Coiled tubing completions.
- ❖ Hydrogen sulphide (H₂S) environments.





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Specification Guide: OM-HY-6

Casing				Packer		
SIZE	Weight	Min. ID	Max. ID	Max.OD	Min.ID	End Connection Specification
inch mm	Lb/ft	inch mm	inch mm	inch mm	inch mm	inch
5-1/2 139.7	14 - 17	4.819 122.40	5.09 129.29	4.625 117.48	1.995 50.67	2 3/8 EU 8RD
6-5/8 168.3	24 - 28	5.791 147.09	5.921 150.39	5.540 140.72	2.441 62.00	2 7/8 EU 8RD
7 177.8	20 - 26	6.276 159.41	6.456 163.98	6.000 152.40	2.441 62.00	2 7/8 EU 8RD
	26 - 32	6.094 154.79	6.276 159.41	5.891 149.63	2.441 62.00	2 7/8 EU 8RD
	23 - 29	6.184 157.07	6.366 161.70	6.005 152.52	2.992 75.997	3 1/2 EU 8RD
9-5/8 244.5	43 - 53.5	8.535 216.79	8.755 222.38	8.250 209.55	2.992 75.997	3 1/2 EU 8RD

MECHANICAL SET DOUBLE GRIP RETRIEVABLE PACKER

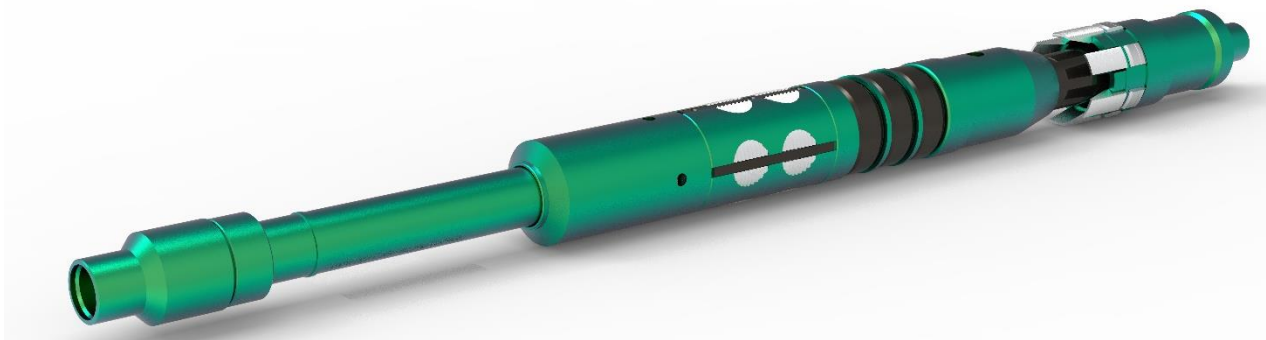
MODEL: OM-DR-3

PRODUCT No.: OM-20103

This packer is a retrievable set-down packer that features a large bypass area. The bypass area is controlled by a face-seal type bypass valve which is actuated by a 30" inch stroke mandrel. The Packer is available in a single-grip version for use as a conventional long-stroke production packer and in a double-grip version (with hold-down buttons) for combination production and well stimulation operations.

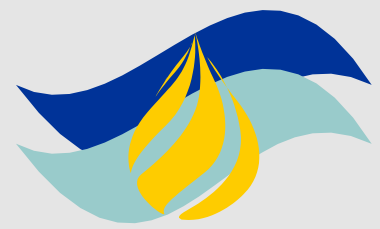
The double-grip packer is used where pressure differential from below the packer is anticipated, features an integral hydraulic hold-down buttons that is located below the bypass valve.

The double-grip packer also incorporates a unique built-in "differential lock" that utilizes a balance sleeve actuated by pressure from below the packer. This pressure creates an additional downward force which, combined with set-down weight helps to maintain the force necessary to keep the bypass valve closed.



Features/Benefits:

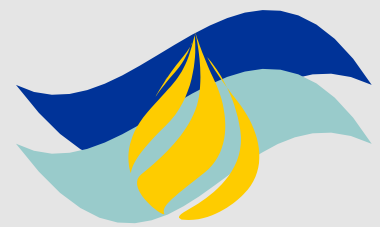
- ❖ Differential lock helps keep the by-pass closed and locked to the mandrel during high pressure operations.
- ❖ Automatically returns to run-in position when moved up the hole.
- ❖ Hydraulic hold-down buttons for differential pressure from below.
- ❖ Long stroke mandrel simplifies circulation of fluids without releasing the packer.
- ❖ Large by-pass allows speedy equalization of fluids.
- ❖ Rocker type slips.
- ❖ Standard right-hand set, optional left-hand set.
- ❖ Parts are interchangeable with other manufacturers.



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Specification Guide: OM-DR-3 & OM-SR-3

Casing				Packer			
SIZE in	Weight lb/ft	Min. ID in	Max. ID in	Size	Nominal ID in	OD in	End Connection Specification Box Up & Pin Down in
4-1/2	9.5-13.5	3.910	4.090	43A	1.995	3,771	2-3/8 OD EU 8RD
5	15-18	4.250	4,408	43B		4,125	
	11.5-15	4.408	4,560	43C		4,250	
5-1/2	26	4.625	4.777	45A2	1.995	4.500	2-7/8 OD EU 8RD
	20-23			45A2X2-3/8	2.441		
	15.5-20 14-20	4.778	4.950	45A4	1.995	4.641	2-3/8 OD EU 8RD
	17-20	4.778	4.892	45A4X2-3/8	2.441	2-7/8 OD EU 8RD	
5-3/4	13-15.5	4.950	5.190	45B	1.995 2.441	4.781	2-3/8 OD EU 8RD 2-7/8 OD EU 8RD
		4.893	5.044	45BX2-3/8	1.995 2.441		2-3/8 OD EU 8RD
	22.5	4.950	5.190	45B			1.995
		4.893	5.044	45BX2-3/8	2.441		2-7/8 OD EU 8RD
6-5/8	34	5.561	5.609	45E2	1.995	5.4 05	2-3/8 OD EU 8RD
	28-32	5.610	5.791	45E4	2.441	5.4 84	
		5.600		46A2		5.4 75	2-7/8 OD EU 8RD
	24-28	5.791	5.921	45EF	1.995	5.4 84	2-3/8 OD EU 8RD
				46A4	2.441	5.5 88	2-7/8 OD EU 8RD
	24	5.830	5.937	47A2		5.656	
17-20	5.938	6.135	47A4	5.812			



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7	38	5.791	5.921	46A4	2.441	5.588	2-7/8 OD EU 8RD	
		5.830	5.937	47A2		5.656		
	32-35	5.922	6.135	46B		5.781		
		5.938		47A4	5.812			
		6.004	6.094	47A4 X 3		2.992	3-1/2 OD EU 8RD	
	26-29	6.136	6.276	47B2	2.441	5.968	2-7/8 OD EU 8RD	
	20-26	6.276	6.456	47B4	2.441	6.078	2-7/8 OD EU 8RD	
17-20	6.456	6.578	47C2	2.441	6.266	2-7/8 OD EU 8RD		
7 5/8	33.7-39	6.579	6.797	47C4	2.441	6.453	2-7/8 OD EU 8RD	
			6.765	47C4X3	2.992		3-1/2 OD EU 8RD	
	24-29.7	6.766	7.025	47D2	2.441	6.672	2-7/8 OD EU 8RD	
				47D2X3	2.992		3-1/2 OD EU 8RD	
	20-24	7.025	7.125	47D4	2.441	6.812	2-7/8 OD EU 8RD	
				47D4X3	2.992		3-1/2 OD EU 8RD	
8-5/8	44-49	7.511	7.687	49A2	2.992	7.312	3-1/2 OD EU 8RD	
	32-40	7.688	7.921	49A4				7.531
	20-28	7.922	8.191	49B2				7.781
9-5/8	47-53.5	8.343	8.681	51A2	3.958	8.218	4-1/2 OD EU 8RD	
	40-47	8.681	8.835	51A4		8.437		
	29.3-36	8.836	9.063	51B2		8.593		
10-3/4	32.75-40.5	10.050	10.190	-	3.958	9.875	4-1/2 OD EU 8RD	

MECHANICAL SET SINGLE GRIP RETRIEVABLE PACKER

MODEL: OM-SR-3

PRODUCT No.: OM-20102

This is a single grip, compression set and retrievable packer.

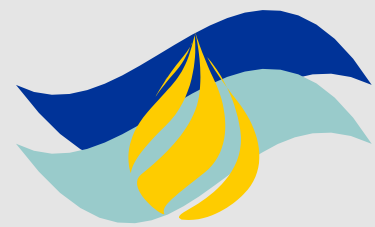


Features/Benefits:

- ❖ Automatically returns to run-in position when moved up the hole.
- ❖ Long stroke mandrel simplifies circulation of fluids without releasing the packer.
- ❖ Large by-pass area allows speedy equalization of fluids.
- ❖ Rocker type slips.
- ❖ Standard right-hand set, optional left-hand set.
- ❖ Parts interchangeable with other manufacturers.

Applications:

- ❖ Low pressure production.
- ❖ Stimulation.
- ❖ And testing operations.



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HYDRAULIC SET SEAL BORE DRILLABLE PACKER

MODEL: OM-HSBP-1 [SINGLE BORE] & OM-HSBP-2 [DOUBLE BORE]

PRODUCT No.: OM-20301 & OM-20302

These are hydraulic set permanent drillable packers. They have an enlarged seal bore to accept seal assemblies. In double bore the packer has an upper larger seal bore for anchor tools or seal accessories to be latched and sealed. This is available of Single & Double Seal Bore Packer. The range and combination of bore sizes are designed such that all the accessories are commonly used for both the series of packers.

The hydraulic setting mechanism makes the packers suitable for use in highly deviated or horizontal wells.

Manufactured from special alloy grade material components, enables the packers to be used in a wide range of operating conditions.



Features/Benefits:

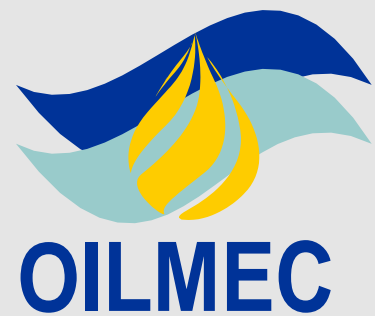
- ❖ Solid, slim lined construction and a packing element system which resists swab-off. This permits a fast run-in (when compared with earlier models of permanent packers) without fear of impact damage or premature setting, yet packs off securely and permanently when the packer is set.
- ❖ Two opposed sets of full circles, full strength slips ensure that the packer will stay where it is set.
- ❖ Interlocked expandable metal back-up rings contact the casing and create a positive barrier to packing element extrusion.
- ❖ Setting requires no rotation or reciprocation, thereby eliminating the problems of spacing out, landing etc.
- ❖ Packers run with Anchor Seal Nipples.
- ❖ O-Rings are supported by back-up rings to better life seal integrity.
- ❖ Packers are rated up to 10,000 psi pressure differentials.
- ❖ Guides are furnished as per standard, to attach mill-out extensions, seal bore extensions or other equipment below the packer.
- ❖ All alloy materials within the packer are suitable for H₂S service.
- ❖ Body & Guide (components in flow paths) can be furnished in customer's choice of material.
- ❖ Fluid displacement is possible after well is flanged up and prior to setting the packer.
- ❖ Setting sequence of packer may be controlled to start at 1,500 psi

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Specification Guide: OM-HSBP-1 & OM-HSBP-2

Casing				Packer		Packer Sealing Bore					
SIZE	Weight	Min. ID	Max. ID	Size	OD	Upper			Lower		
						Seal Bore	Seal Assembly Size	Min. Bore Thru Seal	Seal Bore	Seal Assembly size	Min. Bore Thru Seal
in mm	Lb/Ft.	in mm	in mm)		in mm	in mm		in mm	in mm		in mm
5 (127.0)	15-21	4.125 (104.8)	4.436 (112.7)	32 30X19	3.968 (100.8)	3.000 (76.2)	20-30	2.390 (60.7)	1.968 (50.0)	20-19	1.000 (25.4)
										21-19	1.312 (33.3)
5 ½ (139.7)	13-17	4.812 (122.2)	5.044 (128.1)	44 32X25	4.500 (114.3)	3.250 (82.6)	40-32	2.500 (63.5)	2.500 (63.5)	20-25	1.875 (47.6)
6 5/8 (168.3)	17-32	5.675 (144.1)	6.135 (155.8)	82 40X32	5.468 (138.9)	4.000 (101.6)	80-40	3.250 (82.6)	3.250 (82.6)	80-32	2.406 (61.1)
	17-20	6.049 (153.6)	6.456 (164.0)	84 40X32	5.687 (144.4)						
	32-44	5.675 (144.1)	6.135 (155.8)	82 40X32	5.468 (138.9)						
7 (177.8)	20-35	6.049 (153.6)	6.456 (164.0)	84 40X32	5.687 (144.4)						
	17-20	6.456 (164.0)	6.765 (171.8)	88 40X32	6.187 (157.1)						
7 5/8 (193.7)	33.7-39										
	24-39										
8 5/8 (219.8)	24-36	7.812 (198.4)	8.150 (207.0)	128 47X40	7.500 (190.5)	4.750 (120.6)	81-47	3.875 (98.4)	4.000 (101.6)	80/120-40	3.000 (76.2)
9 5/8 (244.4)	32.3- 58.4	8.435 (214.2)	9.001 (228.6)	194 60X47	8.125 (206.4)	6.000 (152.4)	190-60	4.875 (123.8)	4.750 (120.6)	191-47	2.500 (63.5)
										190-47	3.000 (76.2)
										192-60	4.750 (120.6)
9 5/8 (244.4)	32.3- 58.4	8.435 (214.2)	9.001 (228.6)	194 47X40	8.125 (206.4)	4.750 (120.6)	192-47	3.875 (98.425)	4.000 (101.6)	190-40	3.000 (76.20)

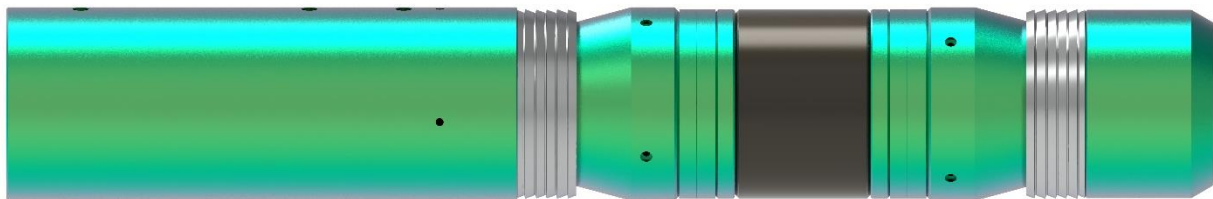


WIRELINER SET SEAL BORE DRILLABLE PACKER

MODEL: OM-WSBP-1 [SINGLE BORE] & OM-WSBP-2 [DOUBLE BORE]

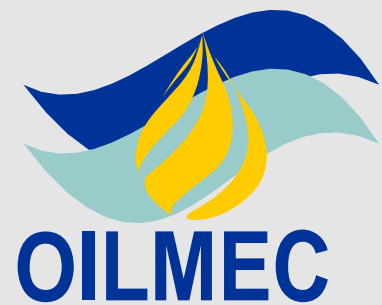
PRODUCT No.: OM-20303 & OM-20304

The Wire Line Set Drillable Packer is Permanent Production Packer is a high-performance permanent production packer. It is frequently used as a high-performance squeeze or as a permanent or temporary bridge plug. The standard version of the Wire Line Set Drillable Permanent Production Packer has a 70 hard nitrile packing element and is rated at 10,000 psi differential pressure up to 300°F. For bottom hole temperatures between 200°F and 400°F, a 90 hard packing element should be specified.



Features/Benefits:

- ❖ Proven reliability
- ❖ Slim-lined
- ❖ Solid construction that makes possible a significant savings in rig time by providing a faster run-in without fear of impact damage or premature setting
- ❖ Two opposed sets of full-circle, full-strength slips
- ❖ A packing element that resists swab off but packs off securely when the packer is set
- ❖ A smooth, continuous ID sealing bore
- ❖ Unique Interlocked expandable metal back-up rings that contact the casing creating a positive packing element extrusion barrier



Specification Guide: OM-WSBP-1 & OM-WSBP-2

Casing				Packer				Seal Assembly			
SIZE	Weight	Min. ID	Max. ID	Size	OD	Upper Seal Bore	Lower Seal Bore	Size	Min Bore Thru Seals		
in	PPF	in	in		in	in	in		in	mm	mm
5 127,00	15-21	4.125	4.436	32-26	3.968 100,79	3.000 76.20	2.688	40/80-26	1.968	49,99	
				32-25			2.500	41/81-26	1.750	44,45	
				32-19		2.500 63.50	1.968	20-25	1.875	47,37	
	11.5-13	4.437	4.670	34-26	4.250 107,95	2.688 68,28	2.688	40/80-26	1.968	49,99	
				34-25		2.500 63,50	2.500	41/81-26	1.750	44,45	
				34-19		1.968 49,99	1.968	20-25	1.865	47,37	
5-1/2 139,70	23-26	4.625	4.811	34-19	4.328 109,93	1.968 49,99	1.968	21-19	1.312	33,32	
	20-23			42-26		2.688 68,28	2.688	40/80-26	1.968	49,99	
	13-17	4.812	5.044	42-19	4.500 114,30	1.968 49,99	1.968	41/81-26	1.750	44,45	
				44-26		3.250 82.55	2.688	21-19	1.312	33,32	
				44-19		2.750 69.85	1.968	20/40-19	.984	24,99	
						2.750 69.85	1.968	20/40-19	0.984	24,99	
7 177,80	38-49.5	5.540	5.921	81-32	5.350 135,89	4.000 104.80	3.250	60/80-32	2.406	61,11	
	32-44	5.675	6.135	82-32	5.468 138,89	2.688 68,28		2.688	61/81-32	1.990	50,55
				82-26			2.688	60/80-32	2.406	61,11	
				40/80-26			1.968	41/81-26	1.750	44,45	
	23-32	6.049	6.366	84-32	5.687 144,45	4.000 104.80	3.250	60/80-32	2.406	61,11	
				84-26		3.250 82.55		2.688	61/81-32	1.990	50,55
				40/80-26		1.968	41/81-26	1.750	44,45		
	20-29	6.184	6.456	86-32	5.875 149,22	4.000 104.80	3.250	60/80-32	2.406	61,11	
	17-20	6.456	6.765	88-32	6.187 157,15	3.250 82.55		2.688	61/81-32	1.990	50,55
				60/80-32			2.406		61,11		
				40/80-26			1.968	41/81-26	1.750	44,45	
	9-5/8 244,48	32-58.4	8.438	9.001	194-47	8.125 206,38	6.000 152.40	4.750	192-47	3.875	98,43
194-40					190-47				3.000	76,20	
					191-47				2.500	63,50	
194-32					4.000			80-40	2.985	75,82	
								3.250	60/80-32	2.406	61,11
									61/81-32	1.990	50,55



PUMP OUT PLUG WITH HALF MULE

MODEL: OM-POP-H

PRODUCT No.: OM-20401

It is used as a tubing plugging device against which pressure is being applied in order to set Hydraulic Set Packers.

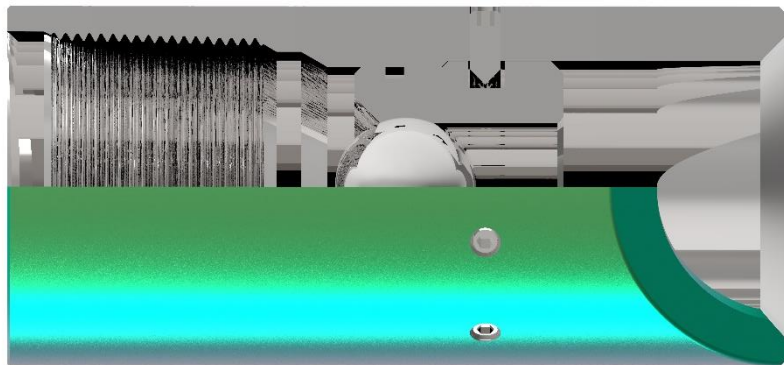
This is made up with the tail pipe below the Packer to be set.

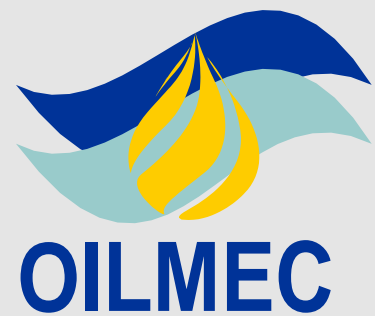
A ball is dropped to run through the tubing and packer up to the ball seat, subsequently the tubing is pressured up.

Once the Packer is set, tubing pressure is increased to shear the screws holding the ball seat.

The ball and ball seat are blown out of the sub to the bottom of the well. Tubing below the plug should have sufficient ID clearance to permit passage of the ball, ball seat, spring etc.

To set a packer number of screws installed in the pump out plug must be compatible with the concerned/rated precise requirement.





HYDRAULIC SETTING TOOL (BAKER TYPE)

MODEL: OM-HST

PRODUCT No.: OM-20601

Hydraulic Setting Tool is used to set packers or bridge plugs hydraulically combining with the respective adapter kits on tubing or drill pipe string. Available Sizes #05 & #10 & # 20



Features/Benefits:

- ❖ Tubing conveyed
- ❖ Can push tools to bottom in deep or deviated wells
- ❖ Tubing will fill and drain automatically
- ❖ Setting Tool can be tested from above after setting the packer
- ❖ Well can be circulated from above after setting the packer
- ❖ Setting pressure may be adjusted by varying the number of shear pins

Application:

- ❖ Particularly useful for setting packers in deviated wells or wells where it is difficult to get down hole with a wire line set packer.

PERMANENT WIRE LINE SET DRILLABLE BRIDGE PLUG

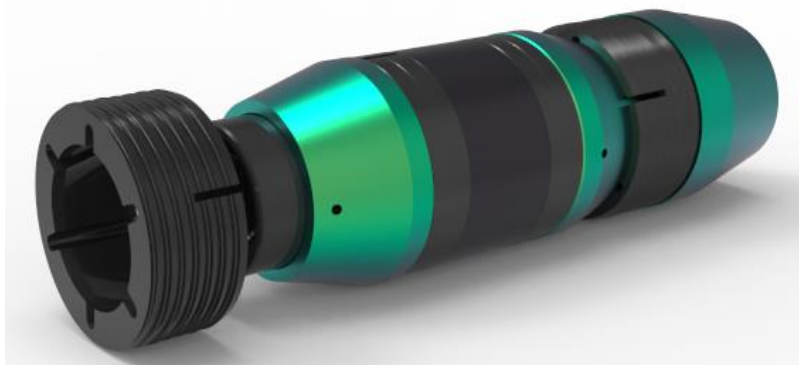
MODEL: OM-PWBP

PRODUCT No.: OM-20502

These are field-proven modular designed high performance drillable bridge plugs, commonly used for zonal isolation during stimulation or cementing jobs, or for temporary and permanent abandonments.

This can easily be converted to a Cement Retainer. A modified version of this Bridge Plug is available for use primarily in gas well applications. Simple design allows the upper portion of the body and the bridging plug to be drilled out, generating pressure equalization across the tool before drilling out the upper slips.

Changing the upper slip enable the bridge plug to be set mechanically or on a wireline setting tool assembly. It is easily converted to a cement retainer.



Features/Benefits:

- ❖ Choices in setting such as wireline or hydraulic.
- ❖ High Performance - 10,000 psi and 400° F.
- ❖ Superior running characteristic i.e., enormous annulus clearance for faster & safer run-in.
- ❖ With simple kit Cement Retainer easily converted to bridge plug.
- ❖ Simple conversion to cement retainer, reducing inventory.
- ❖ Body Lock Ring, Traps setting force in element to maintain pack-off during pressure reversals.
- ❖ The rotationally locked, cast-iron components enable a fast & easy drill out to save rig time.
- ❖ Easily PDC drillable.

PERMANENT MECHANICAL SET DRILLABLE BRIDGE PLUG

MODEL: OM-PMBP

PRODUCT No.: OM-20504

These are field-proven modular designed high performance drillable bridge plugs, commonly used for zonal isolation during stimulation or cementing jobs, or for temporary and permanent abandonments.

This can easily be converted to a Cement Retainer. A modified version of this Bridge Plug is available for use primarily in gas well applications. Simple design allows the upper portion of the body and the bridging plug to be drilled out, generating pressure equalization across the tool before drilling out the upper slips.

Changing the upper slip enable the bridge plug to be set wireline setting tool assembly. It is easily converted to a cement retainer.



Features/Benefits:

- ❖ Setting is mechanical.
- ❖ High Performance - 10,000 psi and 400° F.
- ❖ Superior running characteristic i.e., enormous annulus clearance for faster & safer run-in.
- ❖ With simple kit Cement Retainer easily converted to bridge plug.
- ❖ Simple conversion to cement retainer, reducing inventory.
- ❖ Body Lock Ring: Traps setting force in element to maintain pack-off during pressure reversals.
- ❖ The rotationally locked, cast-iron components enable a fast & easy drill out to save rig time.
- ❖ Easily PDC drillable.

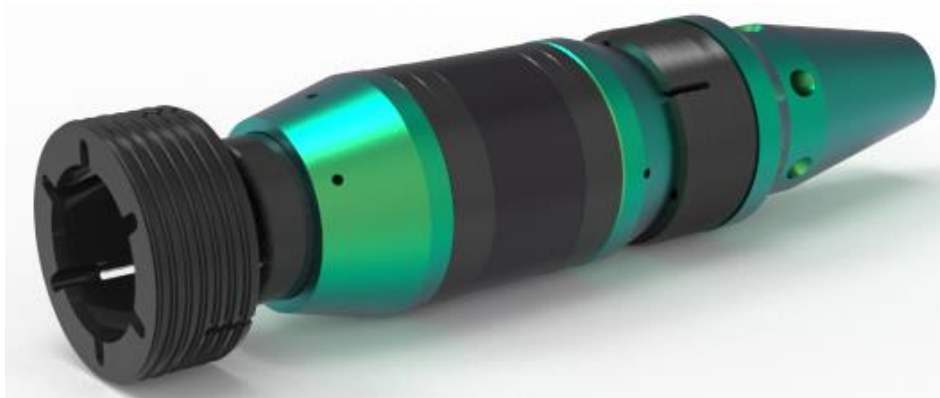
PERMANENT WIRE LINE SET DRILLABLE CEMENT RETAINER

MODEL: OM-PWCR

PRODUCT No.: OM-20503

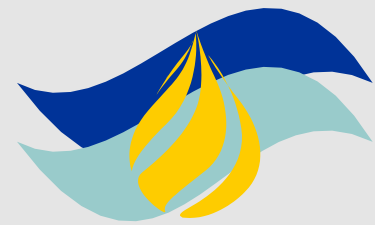
This is a high-performance drillable cement retainer ideal for most remedial cementing applications. It is designed to function as a drillable squeeze packer which after cementing acts as a plug trapping to squeeze pressure on the cement below the retainer and isolating the newly cemented area from the hydrostatic pressures above the cement retainer.

Changing the upper slip enable the cement retainer to be set mechanically or on a wireline setting tool assembly. It is easily converted to a bridge plug.



Features/Benefits:

- ❖ Choices in setting such as wireline or hydraulic.
- ❖ High Performance - 10,000 psi and 400° F.
- ❖ Superior running characteristic i.e., enormous annulus clearance for faster & safer run-in.
- ❖ Locked Construction
- ❖ With simple kit Cement Retainer easily converted to bridge plug.
- ❖ All models may be converted to wireline or mechanical set.
- ❖ Simple surface-controlled valve
- ❖ Allows pressure testing before squeeze.
- ❖ Valve automatically closes when the stinger is removed
- ❖ Easily PDC drillable.



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PERMANENT MECHANICAL SET DRILLABLE CEMENT RETAINER

MODEL: OM-PMCR

PRODUCT No.: OM-20505

This is a high-performance drillable cement retainer ideal for most remedial cementing applications. It is designed to function as a drillable squeeze packer which after cementing acts as a plug trapping to squeeze pressure on the cement below the retainer and isolating the newly cemented area from the hydrostatic pressures above the cement retainer.

Changing the upper slip enable the cement retainer to be set wireline setting tool assembly. It is easily converted to a bridge plug.



Features/Benefits:

- ❖ Setting is mechanical.
- ❖ High Performance - 10,000 psi and 400° F.
- ❖ Superior running characteristic i.e., enormous annulus clearance for faster & safer run-in.
- ❖ Locked Construction
- ❖ With simple kit Cement Retainer easily converted to bridge plug.
- ❖ All models may be converted to wireline or mechanical set.
- ❖ Simple surface-controlled valve
- ❖ Allows pressure testing before squeeze.
- ❖ Valve automatically closes when the stinger is removed
- ❖ Easily PDC drillable.

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Specification Guide: OM-PWBP, PMBP, PWCR & PMCR

Casing/Tubing				Product			Wireline Adapter Kit
Size	Wt.	ID Min.	ID Max.	Size	Max OD	Bore	Size
in	lbs./ft	in	in		in	in	
4-1/2	9.5-16.6	3.826	4.090	X1	3.593	1.345	X1-Y1
5	23.2-24.2						
5-1/2	36.4						
5	11.5-20.8	4.154	4.560	Y1	3.937		X1-Y1
5-1/2	26.0-32.3						
	14-23	4.580	5.044	X2	4.312		X2
6	18-26						
7	49.5	5.140	5.552	Y2	4.937	Y2	
6-5/8	20-32						
7	32-44	5.595	6.135	X3	5.410	X3	
	17-35						
7-5/8	45.3	6.000	6.538	Y3	5.687	Y3	
	20-39						
7-3/4	46.1	6.625	7.125	X4	6.312	X4	
8-5/8	24-49						
8-3/4	49.7	7.511	8.097	X5	7.125	X5	
9-5/8	29.3-58.4						
9-3/4	59.2	8.435	9.063	X6	8.125	X6	
9-7/8	62.8						
10-3/4	60.7-81	9.250	9.660	Y6	9.000	Y6	
	32.75-60.7						
11-3/4	60.0-83.0	10.192	10.772	Y7	9.937	X7	
	42-60						
13-3/8	85-102	11.633	12.159	Y8	11.562	Y8	
	48-80.7						
13-1/2	81.4	12.175	12.715	X9	12.000	X9	
13-5/8	88.2						
16	109.0-146.0	14.000	14.750	X11	13.915	X11	
	55.0-84.0						
		14.700	15.400	Y11	14.585	Y11	

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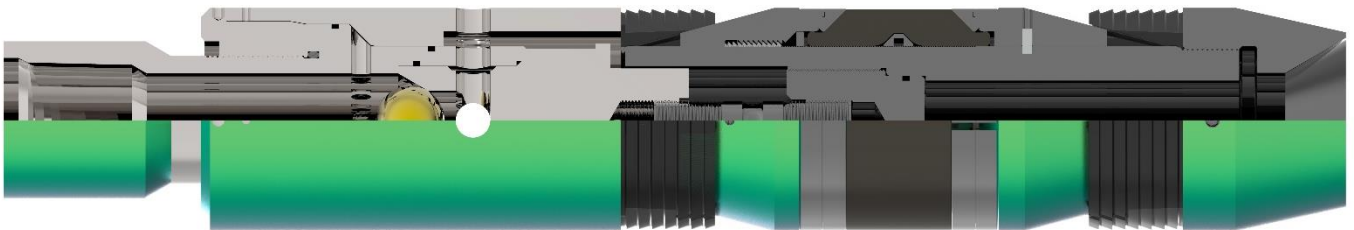


HYDRO MECHANICAL BRIDGE PLUG

MODEL: OM-HMBP

PRODUCT No.: OM-20506

Hydro-Mechanical Bridge Plug is hydraulically actuated, mechanically set, compact, small OD, high pressure and designed for easy drill out. It can be used in zone isolation for squeeze cementing, fracturing, and plug and abandonment either temporary or permanent.



Features/Benefits:

- ❖ The setting mechanism and control are contained in the bridge plug eliminating the need for a complex mechanical setting tool.
- ❖ Eliminates the expense of wireline setting tool and equipment.
- ❖ Full tubing bore is available for unobstructed passage of fluids and wireline run perforating and logging equipment after the plug is set and tubing released.
- ❖ Can be run and set in tandem with retrievable production packers or squeeze packers
- ❖ Top equalizing during drill-out assures safe drill-out without the plug coming up the hole due to pressures contained below the plug.
- ❖ Sets securely in most casing, including many premium grades.

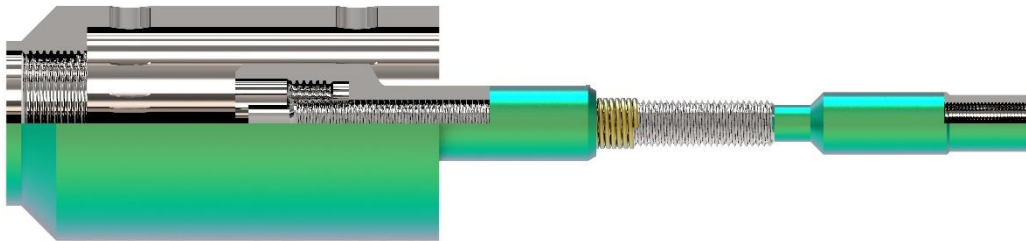
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WIRE LINE ADAPTER KIT

MODEL: OM-WADK

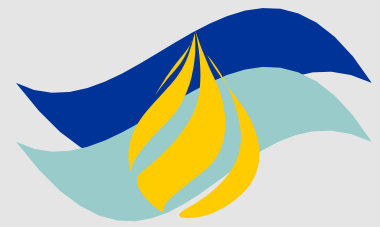
PRODUCT No.: OM-20602

Wireline Adapter Kit is used to couple an electric line or hydraulic setting tool assembly.



Specification Guide: OM-WADK

CASING		SIZE
O.D. in / mm	WEIGHT lbs. / ft	
4 1/2 114.30	9.5-15.1	43
5 127.00	11.5-18	45
5 1/2 139.70	13-23	
6 5/8 168.28	17-34	47
7 177,80	32-28	
	17-38	
7 5/8 193.68	20-39	48
8 5/8 219.08	24-29	49
9 5/8 244.48	29.3-61.1	51
10 3/4 273.05	32.75-60.7	53
11 3/4 298.45	38-60	54
13 3/8 339.78	48-72	55
16 406.40	65 - 109	75



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SNAP LATCH SETTING TOOL

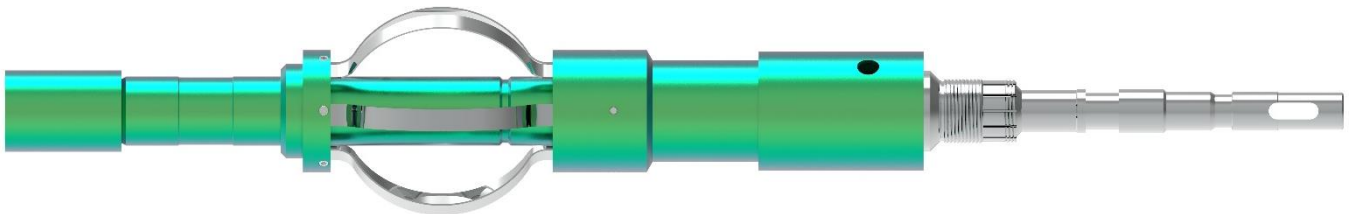
MODEL: OM-SLST

PRODUCT No.: OM-20603

The Snap Latch Setting Tool is a mechanical setting tool used to set the Bridge Plugs and Cement Retainers.

It possesses a built-in snap-latch feature which allows the setting tool to be latched to the product with set-down weight and released with up strain and rotation after setting the product.

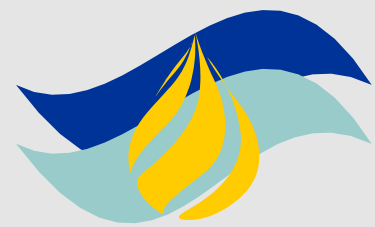
This essentially allows the setting tool to function as a snap latch stinger sub which provides an upward stop as the tubing is raised. At this stop the valve is closed but the stinger sub seal is still in the bore of the retainer. At this position in the running string internal pressure test could be carried out.



Features/Benefits:

- ❖ Allows single run for squeeze work
- ❖ Locked to cement retainer or bridge plug to avoid premature setting or loss
- ❖ Top slips partially covered to protect from accidental damage
- ❖ Modular design
- ❖ Will set other manufacture cement retainers or bridge plugs

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Specification Guide: OM-SLST

Casing/Tubing		Tool			Setting Sleeve OD in	END Connection
Size in	Wt. lbs. / ft	Size	Seal Bore in	Max OD in		
4-1/2	9.5 - 16.6	X1	1.345	3.593	3.594	2 3/8 EU
5	11.5 - 20.8	Y1		3.937		
5-1/2	13 - 23	X2		4.312		
6	14 -26	Y2		4.937	4.938	
	10.5 - 12					
6-5/8	17 - 34	X3	2.000	5.410	5.375	2 7/8 EU
7	32 - 44			5.687		
	17-35	Y3		6.312		
7-5/8	20 - 39	X4		7.125	7.125	
8-5/8	24 - 49	X5		8.125	8.120	
9-5/8	29.3 - 53.5	X6		9.000	8.875	
10-3/4	60.7 - 81	Y6	9.437	9.437	3 1/2 EU	
	32.75 - 60.7	X7	9.937	9.930		
11-3/4	60.0 - 83.0	Y7	10.437	10.438		
	38 - 60	X8	11.562	11.562		
13-3/8	85 - 102	Y8	12.000	12.000	4 1/2 EU	
	48 - 72	X9	13.915	13.900		
16	109.0 - 146.0	X11	14.585	14.570		
	55.0 - 84.0	Y11				

RETRIEVABLE WIRE LINE SET BRIDGE PLUG

MODEL: OM-RWBP

PRODUCT No.: OM-20501



Features/Benefits:

- ❖ Wireline, hydraulic, or coiled tubing set
- ❖ Caged bi-directional carbide slips are for long life and durability
- ❖ Equalizing valve opens before plug is released
- ❖ Straight pull and Rotational safety release mechanism
- ❖ Over shot will wash to gage ring for easy retrieval
- ❖ Optional sand line or coiled tubing retrieval
- ❖ Swab resistant packing element hold pressure from above and below
- ❖ Compact design for tight doglegs, short lubricators
- ❖ Simple, rig-friendly operation

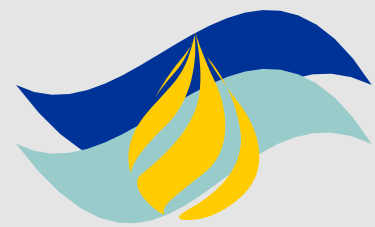
Application:

- ❖ Acidizing, fracturing and cementing
- ❖ Casing pressure testing
- ❖ Wellhead repair or replacement
- ❖ Zone isolation



Specification Guide: OM-RWBP

CASING				BRIDGE PLUG
SIZE	WEIGHT(LB/FT)	MIN.ID	MAX.ID	MAX.OD
3-1/2	10.2	2.992	2.992	2.781
3-1/2	7.7 - 9.2	2.992	3.068	2.867
4-1/2	9.5 - 13.5	3.910	4.090	3.771
5	15.0 - 18.0	4.250	4.408	4.125
5	11.5 - 15.0	4.408	4.560	4.250
5-1/2	26.0	4.408	4.560	4.250
5-1/2	20.0 - 23.0	4.625	4.778	4.500
5-1/2	15.5 - 20.0	4.778	4.950	4.641
5-1/2	13.5 - 15.5	4.950	5.190	4.781
6	26.0	4.950	5.190	4.781
6-5/8	24.0 - 32.0	5.610	5.921	5.484
6-5/8	24.0	5.830	5.937	5.656
7	38.0	5.830	5.937	5.656
6-5/8	17.0 - 20.0	5.938	6.135	5.812
7	32.0 - 35	5.938	6.135	5.812
7	26.0 - 29.0	6.136	6.276	5.968
7	23.0 - 26.0	6.276	6.366	6.078
7	17.0 - 20.0	6.456	6.578	6.266
7-5/8	33.7 - 39.0	6.579	6.797	6.453
7-5/8	24.0 - 29.7	6.798	7.025	6.672
7-5/8	20.0 - 24.0	7.025	7.125	6.812
8-5/8	20.0-28.0	8.017	8.097	7.781
9-5/8	47.0-53.5	8.343	8.681	8.218
9-5/8	40.0-47.0	8.681	8.835	8.437
9-5/8	29.3-36.0	8.836	9.063	8.593



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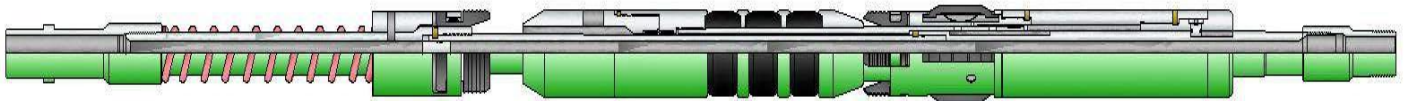
RETRIEVABLE MECHANICAL SET BRIDGE PLUG

MODEL: OM-RMBP

PRODUCT No.: OM-20507

Mechanical Set Retrieval Bridge Plug is a superior, field-proven bridge plug for treating and testing multiple, selected high-pressure zones. The flexible design enables deployment in shallow applications, such as wellhead testing, or in deep, high-pressure environments.

The bridge plug is set in tension or compression, and the large internal bypass prevents swabbing during running and retrieval. The bypass closes during bridge plug setting and opens to equalize pressure before releasing the upper slips for retrieval. The standard packing element is rated at 275°F. Sizes are available 4 1/2" to 9 5/8".



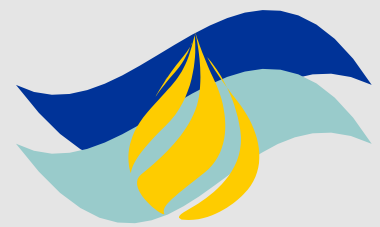
Features/Benefits:

- ❖ The one-quarter right turn to set the plug and one-quarter right turn to release it provide reliable operation, especially in applications with limited rotational movement.
- ❖ The large, internal bypass equalizes pressure before releasing the upper slips for safe plug retrieval.

Application:

- ❖ Wellhead testing
- ❖ Treating and testing multiple, selected zones
- ❖ Deep, high-pressure testing
- ❖ Squeeze cementing
- ❖ Fracturing
- ❖ Temporary zonal isolation

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SNAP LATCH STINGER SUB

MODEL: OM-SSB

PRODUCT No.: OM-20609

The Snap Latch Stinger Sub is used with Wireline Set Cement Retainers. It features a snap-in, snap-out- type latch that provides a surface indication of the stinger being landed in the cement retainer (giving assurance that the sleeve valve is open) or the stinger sub being removed from the cement retainer (and the sleeve valve closed).

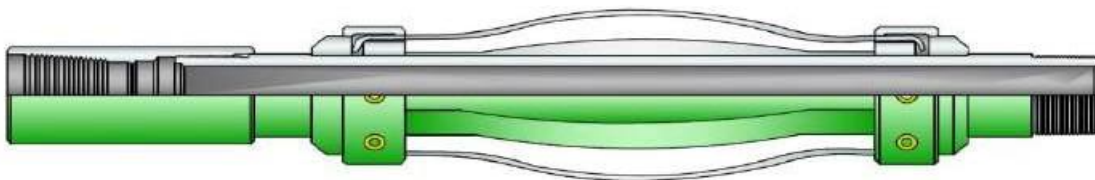


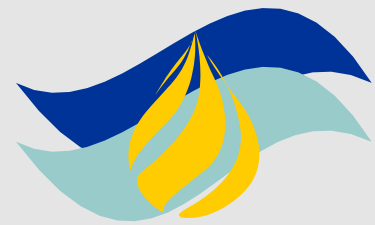
CONTROL UNIT

MODEL: OM-CU

PRODUCT No.: OM-20610

The Control Unit is made up above the stinger sub and provides a centering device for entering the retainer bore.





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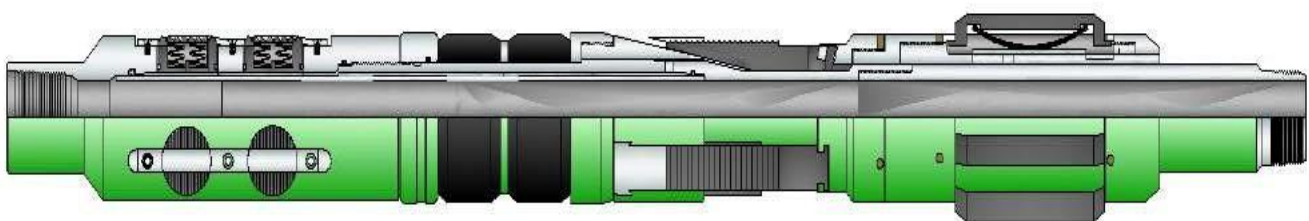
RETRIEVEBAL MECHANICAL TESTING PACKER

MODEL: OM-RMTP

PRODUCT No.: OM-20101

Packer is a full-opening, hook wall packer used for **Testing, Treating,** and **Squeeze** cementing operations. In most cases, the tool runs with a circulating valve assembly.

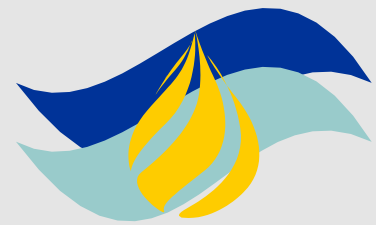
Packer body includes a **J-slot** mechanism, mechanical slips, packer elements and hydraulic slips. Large, heavy-duty slips in the hydraulic hold down mechanism help prevent the tool from being pumped up the hole. Drag springs operate the J-slot mechanism on $\leq 3 \frac{1}{2}$ -in. (88.9- mm) packer bodies, while larger packer sizes ≥ 4 -in. (101.6 mm) use drag blocks. Automatic J-slot sleeves are standard equipment on all packer bodies. Circulating valve, if used, is a locked-open/locked-closed type that serves as both a circulating valve and bypass. Valve automatically locks in the closed position when the packer sets. During testing or squeezing operations, the lock prevents the valve from being pumped open. A straight J-slot in the locked-open position matches with a straight J-slot (optional) in the packer body. This combination eliminates the need to turn the tubing to close the circulating valve or reset the packer after the tubing has been displaced with cement.



Features/Benefits:

- ❖ The full-opening design of the packer mandrel bore allows large volumes of fluid to pump through the tool. Tubing-type guns and other wire-line tools can be run through the packer.
- ❖ The packer can be set and relocated as many times as necessary with simple tubing manipulation.
- ❖ Bi-directional carburized slips provide greater holding ability and improved wear resistance in high-strength casing.
- ❖ Pressure through the tubing activates the slips in the hydraulic hold down mechanism.
- ❖ An optional integral circulating valve locks into open or closed position during squeezing or treating operations and opens easily to allow circulation above the packer.

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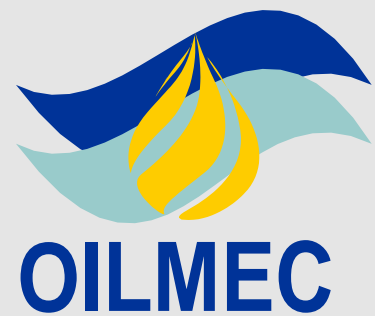


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Specification Guide: OM-RMTP

Casing Size in.	Nominal Casing Weight lbs./ft	Minimum Casing ID in.(mm)	Maximum Casing ID in.(mm)	Packer Main Body OD in.(cm)	Packer ID in.(cm)	End Connections	Length in. (cm)	Tensile Rating lbs.(kg)	Burst Rating psi (M Pa)		Collapse Rating psi (M Pa)	
									Open Ended	Bull Plugged	Open Ended	Bull Plugged
5 1/2	13-20	4.778 (121.36)	5.044 (128.12)	4.55 (11.56)	1.8 (4.57)	2 3/8 EU 8RD	48.50 (123.19)	133,200 (60419)	14,500 (99.97)	7,100 (48.95)	11,600 (79.98)	4,000 (27.57)
	20-23	4.670 (118.62)	4.778 (121.36)	4.38 (11.13)	1.8 (4.57)	2 7/8 EU 8RD	48.10 (122.17)	84,700 (38419)	12,300 (84.81)	5,200 (35.85)	9,800 (67.57)	700(4.82)
	23-26	4.494 (114.15)	4.670 (118.62)	4.25 (10.79)	1.9 (4.83)	2 7/8 EU 8RD	48.10 (122.17)	84,700 (38419)	12,900 (88.94)	5,200 (35.85)	9,800 (67.57)	700(4.82)
5 3/4	14-18	5.100 (129.54)	5.365 (136.27)	4.89 (12.42)	1.9 (4.83)	2 7/8 EU 8RD	48.61 (123.47)	133,200 (60419)	14,000 (93.76)	7,100 (48.95)	11,600 (79.98)	4,000 (27.57)
6	15-23	5.240 (133.10)	5.524 (140.31)	5.06 (12.85)	1.9 (4.83)	2 7/8 EU 8RD	48.50 (123.19)	133,200 (60419)	14,500 (99.97)	7,100 (48.95)	11,600 (79.98)	4,000 (27.57)
	20-26	5.100 (129.54)	5.365 (136.27)	4.89 (12.42)	1.9 (4.83)	2 7/8 EU 8RD	48.61 (123.47)	133,200 (60419)	14,000 (93.76)	7,100 (48.95)	11,600 (79.98)	4,000 (27.57)
6 5/8	17-20	5.920 (150.37)	6.538 (166.07)	5.56 (14.35)	2.37 (6.02)	2 7/8 IF, 27/8in.8RD EU	54.22 (137.72)	158,200 (71758)	15,300 (105.49)	8,800 (60.67)	10,100 (69.64)	4,500 (31.02)
	24-32	5.675 (144.15)	5.921 (150.39)	5.43 (13.79)	1.9 (4.83)	2 7/8 EU 8RD	48.50 (123.19)	133,200 (60419)	14,600 (100.66)	7,100 (48.95)	11,600 (79.98)	4,000 (27.57)
7	17-38	5.920 (150.37)	6.538 (166.07)	5.65 (14.35)	2.37 (6.02)	2 7/8 IF, 2 7/8 EU 8RD	54.22 (137.72)	158,200 (71758)	15,300 (105.49)	8,800 (60.67)	10,100 (69.64)	4,500 (31.02)
	49.5	5.540 (140.72)	5.920 (150.37)	5.25 (13.34)	2 (5.08)	2 7/8 EU 8RD	48.50 (123.19)	133,200 (60419)	14,000 (93.76)	7,100 (48.95)	11,600 (79.98)	4,000 (27.57)
7 5/8	20-39	6.625 (168.28)	7.125 (180.98)	6.35 (16.13)	2.37 (6.02)	2 7/8 EU 8RD 3 1/2 IF,	54.22 (137.72)	158,200 (71758)	12,600 (86.87)	8,800 (60.67)	10,100 (69.64)	4,500 (31.02)
	29.7-45.3	6.430 (163.32)	6.901 (175.29)	6.16 (15.64)	2.37 (6.02)	2 7/8 EU 8RD 3 1/2 IF	54.22 (137.72)	158,200 (71758)	14,700 (101.35)	8,800 (60.67)	10,100 (69.64)	4,500 (31.02)
7 3/4	33.2- 50	6.430 (163.32)	6.901 (175.29)	6.16 (15.64)	2.37 (6.02)	2 7/8 EU 8RD 3 1/2 IF	54.22 (137.72)	158,200 (71758)	14,700 (101.35)	8,800 (60.67)	10,100 (69.64)	4,500 (31.02)
8 5/8	24-49	7.511 (190.78)	8.097 (205.66)	7.31 (18.57)	3.00 (7.62)	4 1/2 API IFTJ	89.29 (226.80)	237,200 (107)	13,500 (93.08)	6,300 (43.43)	9,700 (66.88)	2,600 (17.92)
9 5/8	29.3-53.5	8.535 (216.79)	9.063 (230.20)	8.15(20.7)	3.75 (9.53)	4 1/2 API IFTJ	90.03 (228.68)	444,600 (201)	13,500 (93.08)	10,800 (74.46)	10,100 (69.64)	10,300 (71.01)
	40-71.8	8.125 (206.38)	8.835 (224.41)	7.80 (19.81)	3.00 (7.62)	4 1/2 API IFTJ	89.29 (226.80)	237,200 (107)	14,000 (96.53)	6,300 (43.43)	9,700 (66.88)	2,600 (17.92)

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Casing Size in.	Nominal Casing Weight lbs./ft	Minimum Casing ID in. (mm)	Maximum Casing ID in. (mm)	Packer Main Body OD in. (cm)	Packer ID in. (cm)	End Connections	Length in. (cm)	Tensile Rating lbs.(kg)	Burst Rating		Collapse Rating	
									psi (MPa)		psi (MPa)	
									Open Ended	Bull Plugged	Open Ended	Bull Plugged
10-3/4	32.75-55.5	9.760 (247.90)	10.192 (258.88)	9.3 (23.62)	3.75 (9.53)	41/2in. API, IF TJ	90.83 (230.71)	444,600 (201667)	13,500 (93.08)	10,800 (74.46)	10,100 (69.64)	10,300 (71.01)
	55.5 -81	9.250 (234.95)	9.760 (247.90)	8.85 (22.48)	3.75 (9.53)	41/2in. APIIFTJ	90.58 (230.07)	444,600 (201667)	13,500 (93.08)	10,800 (74.46)	10,100 (69.64)	10,300 (71.01)
	71.1 -85.3	9.156 (232.56)	9.450 (240.03)	8.85 (22.48)	3.50 (8.89)	51/4 CAS×XT57	110.28 (280.11)	1,036,319 (470066)	12,088 (83.34)	6,600 (45.50)	12,825 (88.43)	1,900 (13.10)
11 3/4	38 -54	10.880 (276.35)	11.150 (283.21)	10.20 (25.91)	3.75 (9.53)	41/2in. APIIFTJ	92.27 (234.37)	444,600 (201667)	13,500 (93.08)	10,800 (74.46)	10,100 (69.64)	10,300 (71.01)
	60 -71	10.586 (268.88)	10.772 (273.61)	10.10 (25.65)	3.75 (9.53)	41/2in. APIIFTJ	92.27 (234.37)	444,600 (201667)	13,500 (93.08)	10,800 (74.46)	10,100 (69.64)	10,300 (71.01)
12 3/4	57 -81	11.500 (292.10)	11.884 (301.85)	11.05 (28.07)	3.75 (9.53)	41/2in. APIIFTJ	92.27 (234.37)	444,600 (201667)	11,900 (82.05)	10,800 (74.46)	10,100 (69.64)	10,300 (71.01)
13 3/8	48 -72	12.347 (313.61)	12.715 (322.96)	11.94 (30.33)	3.75 (9.53)	41/2in. APIIFTJ	101.36 (257.45)	651,300 (295425)	12,500 (86.18)	9,200 (63.43)	10,700 (73.77)	8,800 (60.67)
	72 -98	11.937 (303.20)	12.347 (313.61)	11.5 (29.21)	3.75 (9.53)	41/2in. APIIFTJ	101.36 (257.45)	651,300 (295425)	12,500 (86.18)	9,200 (63.43)	10,700 (73.77)	8,800 (60.67)
	48 -72	12.347 (313.61)	12.715 (322.96)	12.00 (30.48)	3.75 (9.53)	41/2in. APIIFTJ	132.29 (336.01)	1,204,000 (546125)	18,600 (128.24)	11,900 (82.04)	17,000 (117.21)	11,300 (77.91)
14	82.5	12.876 (327.05)	12.876 (327.05)	11.94 (30.33)	3.75 (9.53)	41/2in. APIIFTJ	101.36 (257.45)	651,300 (295425)	12,500 (86.18)	9,200 (63.43)	10,700 (73.77)	8,800 (60.67)
16	55 -65	15.250 (387.35)	15.376 (390.55)	14.43 (36.65)	3.75 (9.53)	41/2in. APIIFTJ	113.93 (289.38)	651,300 (295425)	8,900 (61.36)	7,900 (54.46)	6,000 (41.37)	5,000 (34.47)
	75 -109	14.688 (373.07)	15.124 (384.15)	14.18 (36.02)	3.75 (9.53)	41/2in. APIIFTJ	113.93 (289.38)	651,300 (295425)	8,900 (61.36)	7,900 (54.46)	6,000 (41.37)	5,000 (34.47)
	109 -146	14.188 (360.38)	14.688 (373.07)	13.62 (34.59)	3.75 (9.53)	41/2in. APIIFTJ	113.93 (289.38)	651,300 (295425)	13,100 (90.32)	7,900 (54.46)	10,000 (68.95)	5,000 (34.47)
18 5/8	78 -118	17.336 (440.33)	17.855 (453.52)	16.87 (42.85)	3.75 (9.53)	41/2in. APIIFTJ	114.71 (291.36)	651,300 (295425)	8,900 (61.36)	6,700 (46.19)	6,400 (44.13)	4,300 (29.64)
20	94 -133	18.730 (475.74)	19.124 (485.75)	17.87 (45.39)	3.75 (9.53)	41/2in. APIIFTJ	114.71 (291.36)	651,300 (295425)	8,900 (61.36)	6,700 (46.19)	6,400 (44.13)	4,300 (29.64)
	169 -204	18.000 (457.20)	18.376 (466.75)	17.25 (43.82)	3.75 (9.53)	41/2in. APIIFTJ	114.71 (291.36)	651,300 (295425)	8,900 (61.36)	6,700 (46.19)	5,400 (37.23)	4,300 (29.64)

LINER HANGER SYSTEM

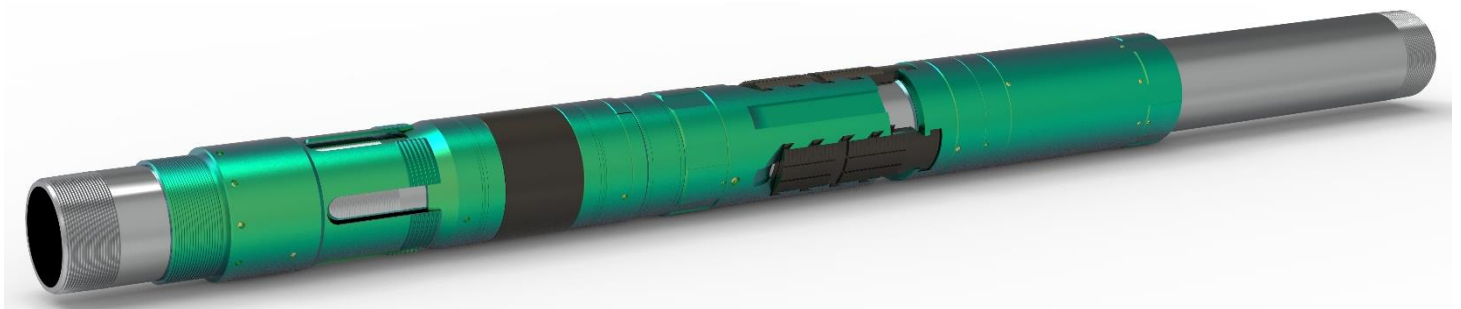
POCKET SLIP LINER HANGER WITH INTEGRAL LINER TOP PACKER

MODEL: OM-PSLH-LTP

PRODUCT No.: OM-20707

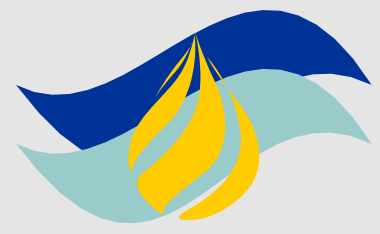
The Pocket Slip liner hanger with integral liner-top packer has a unique compact design for highly deviated or horizontal wells. The hanger is equipped with premium O-rings and glass-filled Teflon backup rings to seal in the hydraulic cylinder. A high-strength alloy cylinder provides maximum burst and collapse rating.

The hanger is set by applying pressure through the drill pipe. A setting ball is circulated or dropped to the ball seat in the landing collar or running tool. Applied pressure acts on an internal piston, moving the slips up the cones to the set position. The hydraulic-set liner hanger incorporates a tapered roller-bearing assembly, if required, which allows the liner to be rotated in the set position while cementing the liner. The liner-top packer is a high-performance packer that is suited for most applications and sets by applying set down weight. The packer provides an effective annular seal between the top of the liner and the parent casing, preventing formation breakdown, loss of cement slurry, and gas migration above the liner top during the life of the well. The liner-top packer features hold-down slips, making it suitable for use in deviated or horizontal wells. Connection to accept an upper tieback receptacle is standard.



Application:

- ❖ Drilling liner
- ❖ Production liner
- ❖ Open hole horizontal wells
- ❖ Unconventional completions



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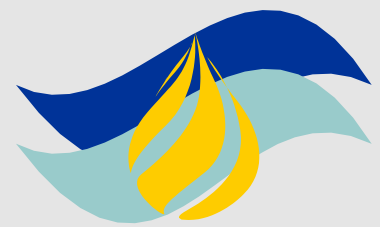
Liner Hanger Features and Benefits:

- ❖ Unique protected slip design provides more slip contact area and uniform loading.
- ❖ Available in rotation or non-rotation models in which tapered roller bearings allow the liner to be rotated in the set positions.
- ❖ Hydraulic cylinder remains stationary with respect to body, seals static during rotation.
- ❖ Slip and cone designed for minimum casing stress levels.
- ❖ Capable of hanging long and heavy liners.
- ❖ Hardened slips bite and hold in all standard casing grades.
- ❖ Large annular flow area in set position helps ensure minimum pressure drop.
- ❖ Body and cylinder have burst and collapse ratings equal to or greater than the API specifications for the relevant grade of casing (unless otherwise stated).

Liner-Top Packer Features and Benefits:

- ❖ High-performance, compression-set liner-top packer.
- ❖ Provides effective annular seal at liner top.
- ❖ Prevents formation breakdown, loss of cement slurry, and gas migration.
- ❖ Integral body lock ring holds positive set-in seal elements.
- ❖ Hold-down slips prevent light liners from moving.

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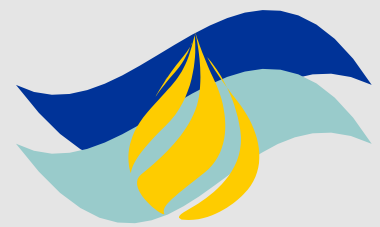


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Specification Guide: OM-PSLH-LTP

Liner		Casing			Liner hanger
OD (in.)	OD (in.)	Casing Weight Range (lbs/ft)	ID Range		Max OD (in.)
			Min (in)	Max (in)	
Liner Hanger					
3-1/2"	5"	18	4.226	4.326	4.12
		11.5-15	4.408	4.56	4.24
3-1/2"	5-1/2"	32.3	4.25	4.309	4.12
		26-29.7	4.376	4.545	4.24
		14-23	4.67	5.012	4.5
4"	5-1/2"	20	4.728	4.828	4.618
		14-17	4.892	5.012	4.732
4-1/2"	7"	42.7	5.766	5.875	5.56
		32-41	5.82	6.094	5.625
		20-29	6.184	6.456	6
5"	7"	38-41	5.82	5.92	5.675
		35-38	5.92	6.004	5.775
		32-35	6.004	6.094	5.82
		26-29	6.184	6.276	6
		17-26	6.276	6.536	6.106

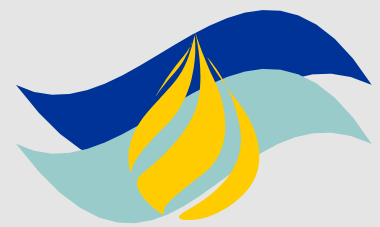
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Liner		Casing			Liner Hanger
OD (in.)	OD (in.)	Casing Weight Range	ID Range		
			Min (in)	Max (in)	Max OD (in.)
Liner Hanger					
5"	7-5/8"	47.1	6.325	6.425	6.215
		42.8-45.3	6.435	6.501	6.275
		29.7-39	6.625	6.875	6.455
		24-33.7	6.765	7.02	6.595
5-1/2"	7-5/8"	47.1	6.325	6.425	6.215
		42.8-45.3	6.435	6.501	6.275
		29.7-39	6.625	6.875	6.455
		24-33.7	6.765	7.02	6.595
6 5/8"	9-5/8"	58.4	8.435	8.535	8.135
		40-53.5	8.535	8.835	8.334
7"	9-5/8"	43.5	8.435	8.755	8.234
		40-53.5	8.535	8.835	8.334

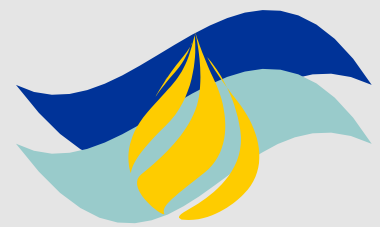
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Liner	Casing				Liner Hanger
OD (in.)	OD (in.)	Casing Weight Range (lbs/ft)	ID Range		Max OD (in.)
			Min (in)	Max (in)	
Liner Hanger					
7"	10-3/4"	32.75-85.3	9.17	10.19	8.955
7-5/8"	9-5/8"	53.5	8.485	8.585	8.359
		43.5-47 & 53.5 SD	8.681	8.755	8.48
		32.3-40	8.835	8.984	8.634
7-5/8"	10-3/4"	32.75-55.5	9.76	10.19	9.46
		51-73.2	9.41	9.85	9.152
9-5/8"	11-3/4"	71	10.536	10.636	10.41
		65-66.7	10.65	10.682	10.475
		60-65	10.767	10.772	10.48
		54-60	10.772	10.88	10.571
		42-54	10.88	11.084	10.679

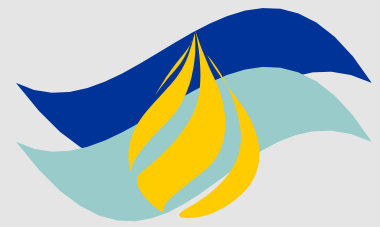
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Liner OD (in.)	Casing			Liner Hanger Max OD (in.)	
	OD (in.)	Casing Weight Range (lbs/ft)	ID Range		
Liner Hanger			Min (in)	Max (in)	
9-5/8"	13-3/8"	48-98	12.695	12.715	11.718
9-7/8"	13-3/8"	48-72	12.347	12.715	12.05
10-3/4"	13-3/8"	48-72	12.347	12.715	12.146
13-3/8"	16"	75-84	15.01	15.124	14.7
		97	14.839	15.081	14.562
		109	14.638	14.738	14.375
13-3/8"	20"	94-169	18.376	19.124	18.063
16"	20"	163-187	18.194	18.435	17.4
		131-169	18.376	18.75	17.687
		131-133	18.73	18.75	17.5
		94-169	18.376	19.124	18.063

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PREMIUM ROTATING HYDRAULIC LINER HANGER

MODEL: OM-PRHLH

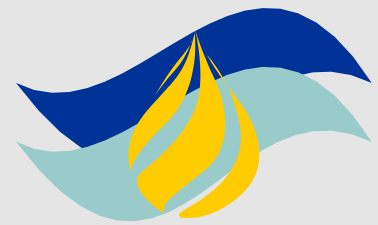
PRODUCT No.: OM-20703

Features and Benefits:

- ❖ The Rotating Hydraulic set liner hanger has outstanding rotation/pull capabilities, proven in deep, highly deviated wells and it has the highest hanging capacity of all Oilmec liner hangers.
- ❖ This liner hanger is hydraulically set and is available in rotation and static configurations.
- ❖ Its rotating capability is critical in achieving zonal isolation during primary cement job.



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HYDRAULIC LINER HANGER NON-ROTATING (SINGLE SLIP)

MODEL: OM-HLHNR-1

PRODUCT No.: OM-20701

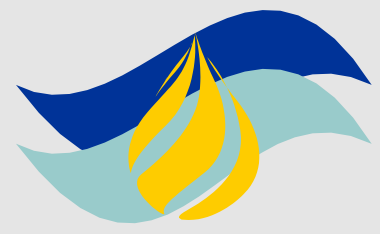
The Hydraulic Set Liner Hanger is an economical hanger that is ideal for Horizontal and deviated wells. This is set hydraulically by the applying pressure through the running string. A setting ball is dropped to a ball seat built in the landing collar.



Features and Benefits:

- ❖ Ideal for highly deviated or Horizontal applications.
- ❖ Multi-cone design provides maximum bypass area.
- ❖ Teflon seals for high temperature and pressure applications.

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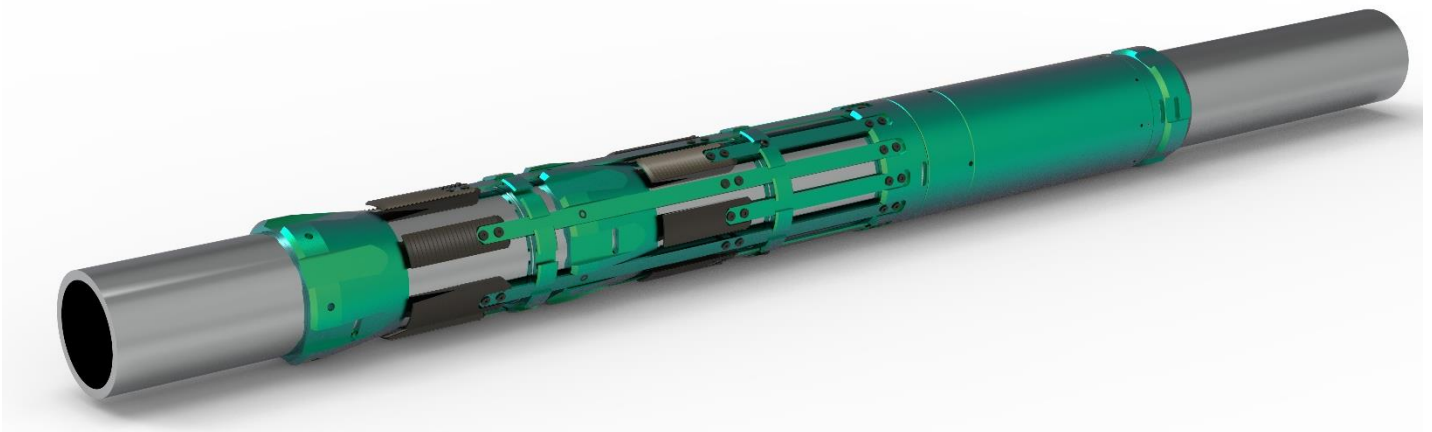
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HYDRAULIC LINER HANGER NON-ROTATING (DOUBLE SLIP)

MODEL: OM-HLHNR-2

PRODUCT No.: OM-20702

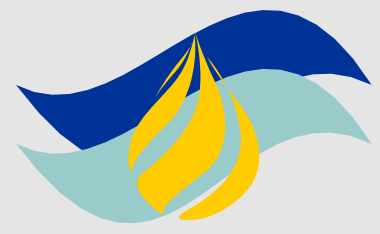
The Hydraulic Set Liner Hanger is an economical hanger that is ideal for Horizontal and deviated wells. This is set hydraulically by the applying pressure through the running string. A setting ball is dropped to a ball seat built in the landing collar.



Features and Benefits:

- ❖ Ideal for highly deviated or Horizontal applications.
- ❖ Multi-cone design provides maximum bypass area.
- ❖ Teflon seals for high temperature and pressure applications.

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PREMIUM ROTATING MECHANICAL SET LINER HANGER

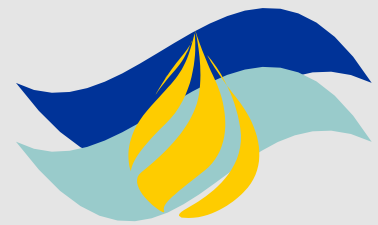
MODEL: OM-PRMLH

PRODUCT No.: OM-20802

Oilmec premium mechanically set, rotating liner hanger is suited for hanging any length of liner in a well that is not highly deviated and that does not require rotation while running in the hole. The non-welded cones and protected slips are designed to optimize bypass area. Setting down weight on the liner hanger sets it, forcing the slips into the host casing. A bearing on the hanger allows rotation after the hanger is set.



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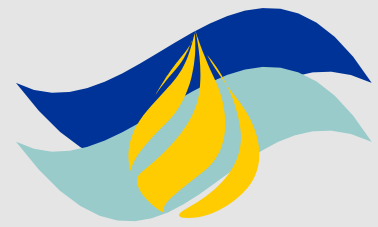
Features and Benefits:

- ❖ Large slips area minimizes the stress in the host casing, enabling the Mechanical Liner Hanger to support extreme loads.
- ❖ Automatic Re-jaying capability, which returns to the run-in position and allows resetting as required. The high-torque, one-piece mandrel is equipped with premium connections that meet or exceed the torque of most liner connections.
- ❖ The field-proven, non-welded cone retention and lug design prevents the heavy-duty bearing allows liner rotation after the hanger has been set, and during cementing operations, thus improving the quality of the cement bond.
- ❖ The wire-locked gauge ring protects slips from damage while running in the well.
- ❖ Nitrides slips ensure that the liner hanger can be set in the hardest grades of host casing.

Application:

- ❖ Any liner run in a well that is not highly deviated and does not have to be reamed or drilled down Production liners that may require high pressure stimulation jobs during

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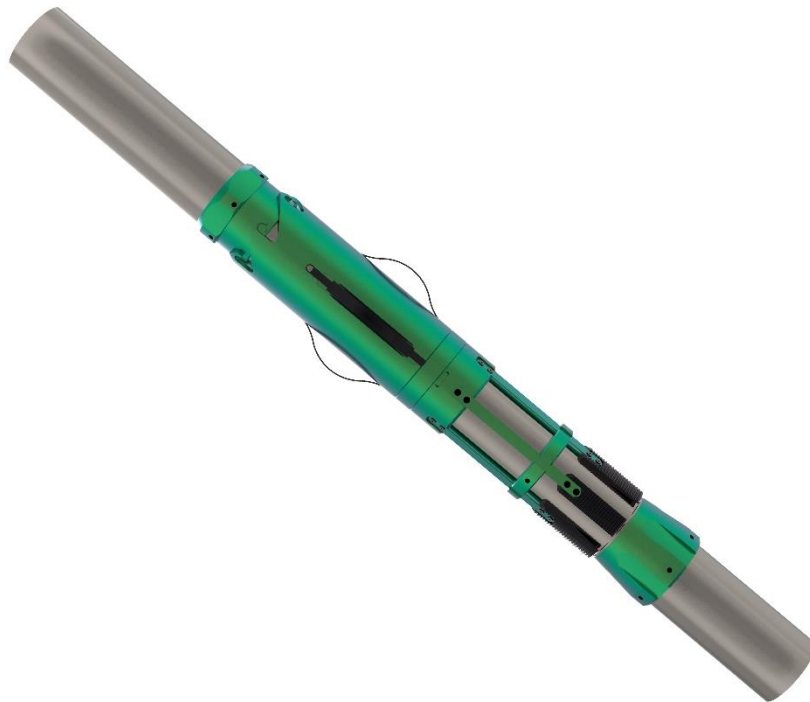
OILMEC

MECHANICAL SET LINER HANGER NON-ROTATING

MODEL: OM-MLHNR

PRODUCT No.: OM-20801

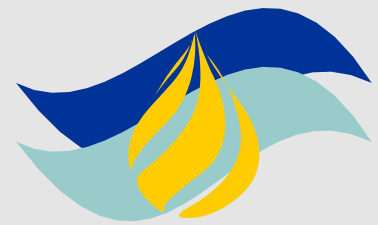
The Liner Hanger is set mechanically with either right- or left-hand rotation, depending on the type of setting tool. The cone design provides maximum bypass area to easy running in and circulation. The J mechanism allow hanger to return to the run-in position, should the hanger set prematurely while running in the well.



Features and Benefits:

- ❖ Bottom J Mechanism provide right or left-hand set.
- ❖ Large bypass area.

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PREMIUM LINER TOP PACKER

MODEL: OM-PLTP

PRODUCT No.: OM-20901

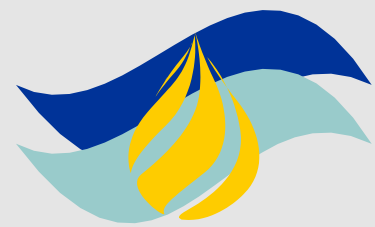
The premium liner-top packer is mechanically set with weight after the hanger is set and cementing operations are completed. The incorporated, patented helical lock wire mechanically locks the Polish Bore Receptacle to the packer, preventing the possibility of the Polish Bore Receptacle backing off. There are many reasons to use this packer to isolate the liner top, including.



Features and Benefits:

- ❖ Isolation of formation pressure below the liner top from the casing ID above.
- ❖ Isolation of treating pressures below the liner top during fracture or acid work.
- ❖ Isolation of formation fluids while the cement sets, eliminates gas migration.
- ❖ Isolation of lost-circulation zones.

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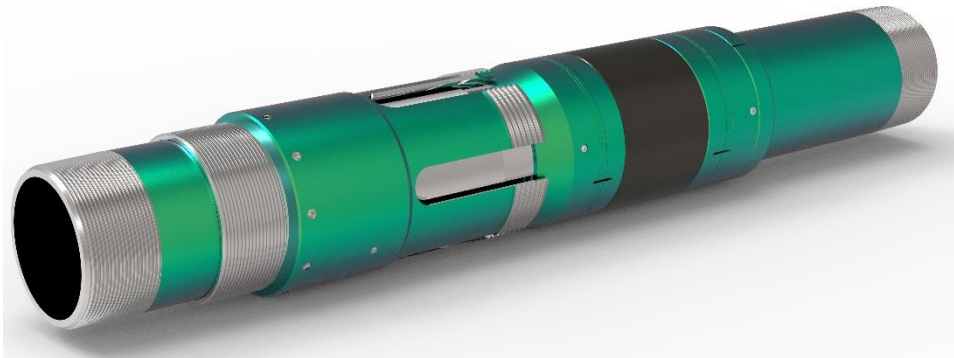
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LINER TOP PACKER WITH INTEGRAL SLIP

MODEL: OM-LTP

PRODUCT No.: OM-20902

Compression Liner Packer with integral slip provide an excellent seal that can be used to control annulus gas migration or protect sensitive zones from well hydrostatic after cementing. Liner Top Packer are set from the Polish Bore Receptacle after cementing using the Packer setting Tool dogs on the Liner Running Tool. The work string to energize the element applies weight. The Packer is equipped with a hold down slip. The slip is set by compression after the cone has been sheared.

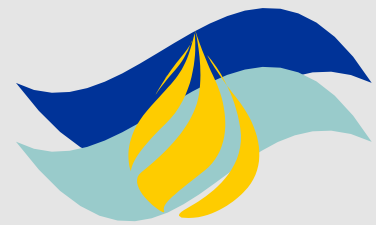


Features and Benefits:

- ❖ High performance compression set liner top packer.
- ❖ Provides effective annular seal at the liner top.
- ❖ Prevents formation breakdown, loss of cement slurry and gas migration.
- ❖ Integral body lock ring holds a positive set in the seal elements.
- ❖ Polish Bore receptacles are honed for tie- back seals.
- ❖ Hold down slips prevent light liners from movement.

Application:

- ❖ Isolate the liner top and formation pressure below the liner-top coming through the casing ID.
- ❖ Isolate of treating pressures below the liner-top during fracture or acid work.
- ❖ Prevents Gas migration.
- ❖ Isolation of lost-circulation zones.
- ❖ Where isolation is required above the production zone in uncemented liners.
- ❖ The liner Top-Packer can also be used as a tie back nipple completion.



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LINER TOP PACKER WITH OUT INTEGRAL SLIP

MODEL: OM-LTP-WIS

PRODUCT No.: OM-20903

Compression Liner Packer without integral slip provide an excellent seal that can be used to control annulus gas migration or protect sensitive zones from well hydrostatic after cementing. Liner Top Packer are set from the Polish Bore Receptacle after cementing using the Packer setting Tool dogs on the Liner Running Tool. The work string to energize the element applies weight.



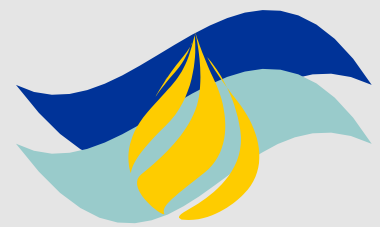
Features and Benefits:

- ❖ High performance compression set liner top packer.
- ❖ Provides effective annular seal at the liner top.
- ❖ Prevents formation breakdown, loss of cement slurry and gas migration.
- ❖ Integral body lock ring holds a positive set in the seal elements.
- ❖ Polish Bore receptacles are honed for tie- back seals.

Application:

- ❖ Isolate the liner top and formation pressure below the liner-top coming through the casing ID.
- ❖ Isolate of treating pressures below the liner-top during fracture or acid work.
- ❖ Prevents Gas migration.
- ❖ Isolation of lost-circulation zones
- ❖ Where isolation is required above the production zone in uncemented liners.
- ❖ The liner Top-Packer can also be used as a tie back nipple completion.

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Specification Guide: OM-LTP & LTP-WIS

Liner Size (in)	Casing Size (in)	Casing Weight Range	Gauge OD (in)	Element OD (in)	Min Setting Force lbs	
4	5.5	15.5-17	4.678	4.648	30,000	
		20	4.563	4.533		
4.500	7	23-26	6.061	6.001	30,000	
		29-32	5.879	5.819		
		35-38	5.705	5.615		
		38-41	5.605	5.545		
5	7	23-26	6.061	6.001	30,000	
		26-29	5.969	5.908		
		29-32	5.879	5.85		
		35	5.789	5.675		
	7.625	7.625	38	5.705	5.675	30,000
			29-7-33.7	6.55	6.518	
5.5	7.625	39	6.41	6.380	30,000	
		24-26.4	6.754	6.692	40,000	
		29.7-33.7	6.55	6.518		
6.625	9.625	39	6.41	6.38		
		36	8.440	8.315		
7	9.625	40-47	8.334	8.209	40,000	
		40-47	8.334	8.209		
7	10.750	47-53.5	8.250	8.125	40,000	
		55.5-60.7	9.429	9.253		
7.625	9.625	43.5-47	8.435	8.405	40,000	
		53.5	8.319	8.289		
7.625	10.75	55.5-60.7	9.429	9.253	60,000	
9.625	11.75	60-65	10.375	10.315		
9.625	13.375	61-72	12	11.91		
		68-72				
10.75	13.375	61-72	12	11.91		
		68-72				
13.375	16	75-84	14.7	14.605		
		97	14.562	14.445		
		109	14.375	14.285		

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ROTATING PACKER SETTING TOOL WITH SHEAR INDICATOR

MODEL: OM-PST

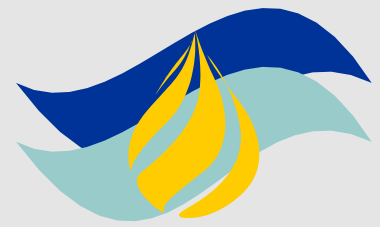
PRODUCT No.: OM-21306

Packer Setting Tool is designed to apply set down weight to mechanically set the Liner Top Packer. It is equipped with spring loaded Dogs that are used to transfer the set down weight from the drill-string to the polish Bore Receptacle (PBR) which transfer it to the Liner Top Packer. The bearing assembly in the tool allows the drill pipe to be rotated while slacking off weight to the Liner Top Packer. The Dogs remain stationary during rotation thereby preventing damage to the honed I.D of the polish Bore Receptacle. This tool has an indicating mechanism that predetermined load transmitted to the TBR for setting of the packer after pull out from well. After the indicating mechanism is sheared flow ports are opened between the drill string and annulus at the top of the packer. This permits circulation at the liner top to remove any cement that was displaced past the liner top.



Features and Benefits:

- ❖ **Uniform load Distribution-** Radially installed dogs helps to uniformly transfer set down weight on PBR top to set the Packer.
- ❖ **Shear Indicating Mechanism-** Shear indicating mechanism is installed for surface indication.
- ❖ **More set down weight can be applied-** Packer Setting Tool Equipped with roller bearing offers more set down weight as rotation can be applied by during setting of liner top packer which reduces friction between casing liner top.



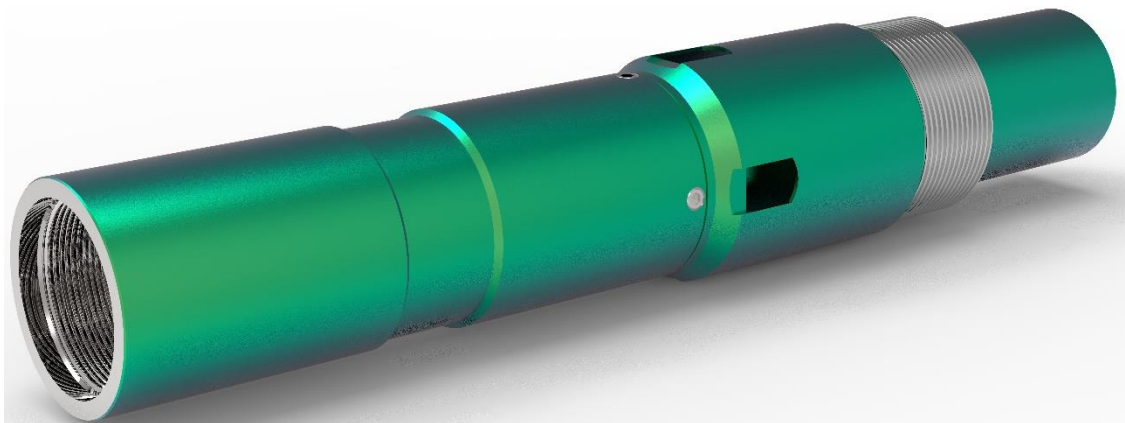
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MECHANICAL RELEASE RUNNING TOOL

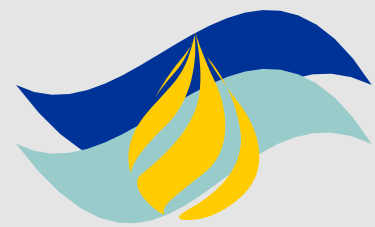
MODEL: OM-MRT

PRODUCT No.: OM-21501

Mechanical Release Running Tool is a conventional rotational release running tool, with no rotational drive capability. This tool simply carries the liner assembly to the target depth and then released with right-hand rotation after the hanger has been set. Designed to release in compression. This tool can be run in vertical, inclined or horizontal wells with a high degree of confidence. As a service tool, the Mechanical Release Running Tool is a heavy-duty design and ensures a long, usable service life. This tool is provided with standard API Top Box and Bottom Box for direct connection to heavy weight drill pipe and retrievable seal joint, solid bushing or inverted cup tool. It may be run in combination with various setting tools to run liner top packers or tieback seal nipple packers.



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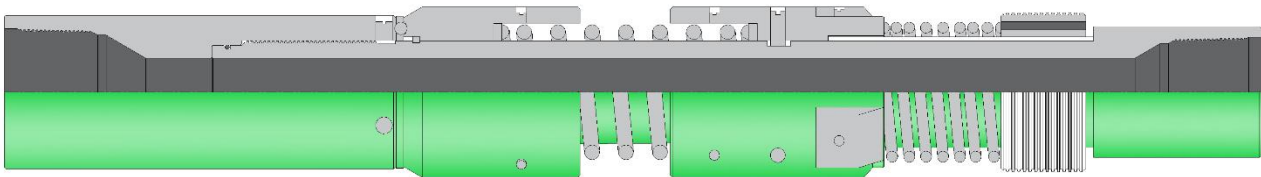
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RIGHT HAND RELEASE RUNNING TOOL

MODEL: OM-RHT

PRODUCT No.: OM-21503

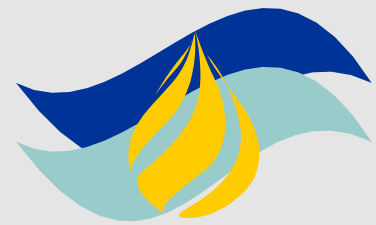
The Right-Hand Release Running Tool is designed to run and set both mechanical & Hydraulic Liner Hangers as well as all others tools with Running profile on Setting Sleeve/ PBR. The Liner Running Tool is made up to the Polished Bore receptacle/ Setting Sleeve by left hand rotation. A set of three lugs on the running tool latches into the PBR / Setting Sleeve, allowing Liner to be rotated with the tension on the tool. The Running tool is designed in two versions, one to run rotating liner hangers, and one to run non-rotating liner hangers, the rotating versions has a smooth outer surface with glide buttons to prevent damage to the tie-back extension.



Features and Benefits:

- ❖ Constructed of high strength material to provide high load capacity.
- ❖ A torque control system transmits torque to the liner hanger.
- ❖ This allows liner rotation, setting of mechanical liner hangers and prevents premature releasing of running tool.
- ❖ After tool is released torque fingers latches into Setting Sleeve or PBR to allow liner rotation during cementing operations.
- ❖ Rotating Dog Sub used for packer setting.

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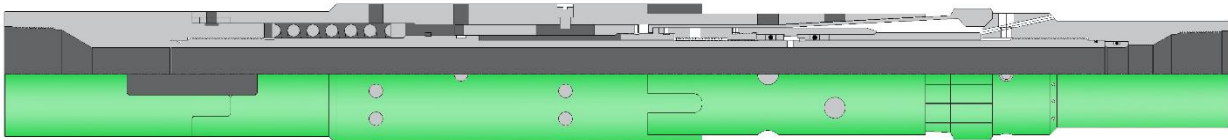
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HYDRAULIC RELEASE RUNNING TOOL

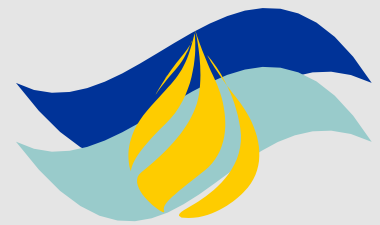
MODEL: OM-HRT

PRODUCT No.: OM-21502

Hydraulic Release Running Tool is used to run and set the liner hanger with or without Liner Top Packer. The Running Tool is built with Setting Sleeve & assembly is run on drill string to the bottom. The Hydraulic Release Liner Setting Tool attaches to the Liner Setting Sleeve profile provides a way to carry a liner to down hole, sets a liner hanger and released from the liner before or, if desired, after cementing. The primary releasing mechanism in a setting tool is based on hydraulic, and an emergency mechanical back-up release system is also available in a setting tool. This tool carries the weight of the liner on a fully supported Collets assembly with no threads hence preventing back off and drop the liner while running in the hole. High torque ratings of the Hydraulic release Running Tool system permits aggressive rotation if required to work a liner to bottom.



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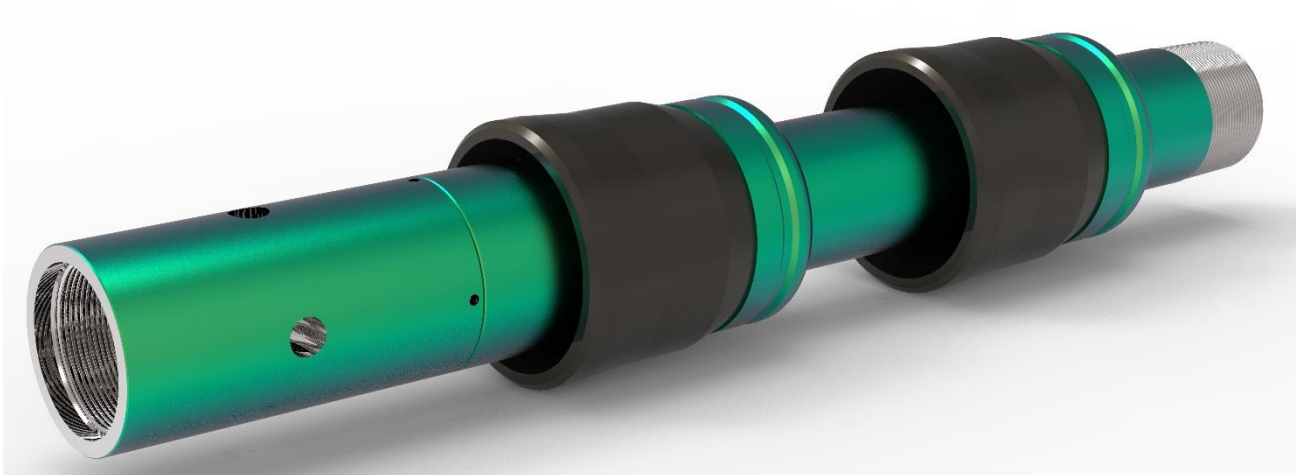
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SWAB CUP PACKER

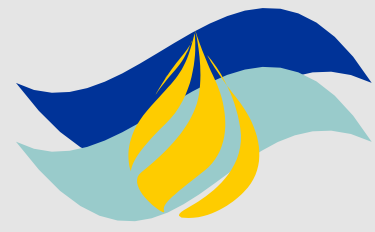
MODEL: OM-SWCP-H

PRODUCT No.: OM-21701

The Swab Cup Packer has two wire meshed Swab Cup Element. Which provides extra sealing during setting of liner hanger and cementing job. End connections are furnished with standard or premium connections in compliance with the API standard or as per customer requirements.



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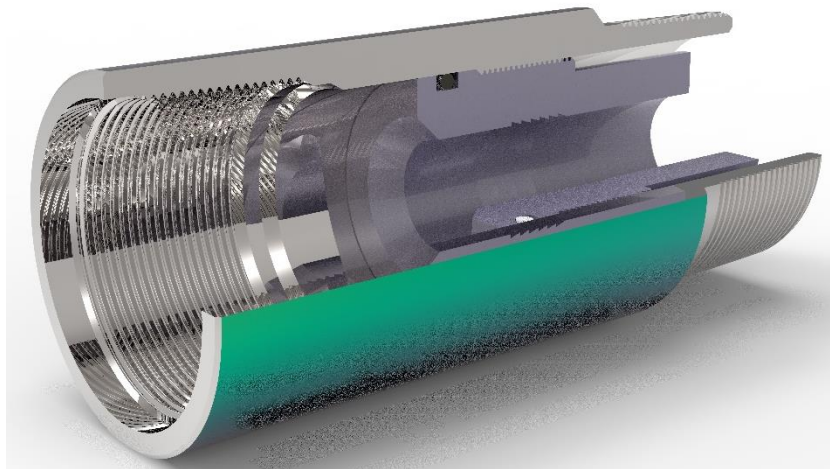
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LATCH TYPE LANDING COLLAR

MODEL: OM-LTLC

PRODUCT No.: OM-21402

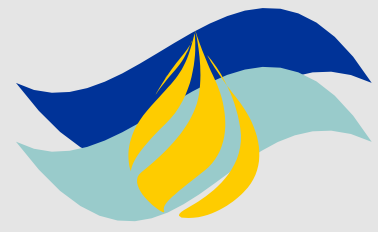
Latch type Landing Collar is used with mechanical set liner hangers to land the liner wiper plug and drill pipe wiper plug after cementing. The landing collar has a latch profile for locking of the liner wiper plug. The latch profile provides an anti-rotational lock to the liner wiper plug which enables fast drill-out. A robust non-rotation profile and latch assembly is fabricated to receive the liner wiper plug. When latched. These plugs support a redundant seal to those of the float equipment. The body of the landing collar is manufactured of material matching the grade of the liner casing, which provides performance equal to or greater than that of the liner casing.



Features and Benefits:

- ❖ Used as a landing device for the plugs.
- ❖ All internal parts are easily PDC drillable.
- ❖ The anti-rotational profile locks the LWP rotationally to prevent rotation of the Plug during drill out.

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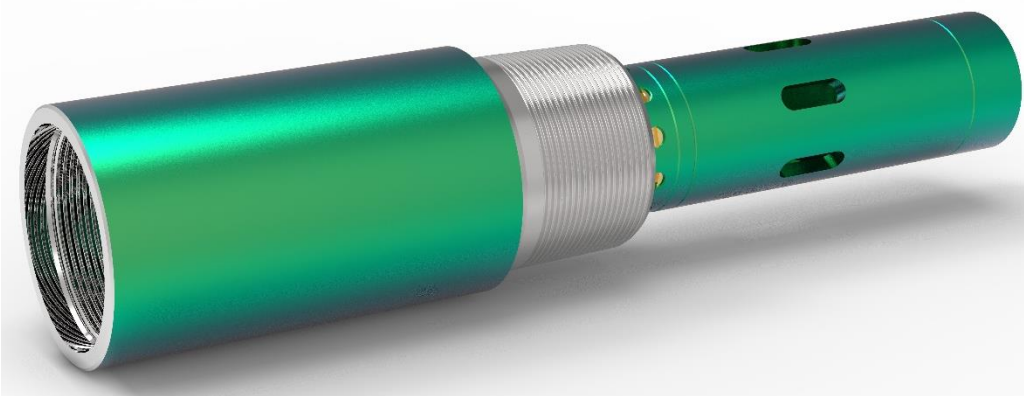
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HYDRAULIC ACTIVATED LANDING COLLAR WITH BALL CATCHER SUB

MODEL: OM-HALC-BC

PRODUCT No.: OM-21401

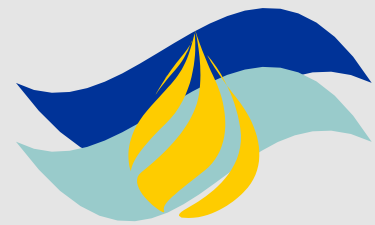
The hydraulically activated landing collar with ball catcher sub is used when running hydraulic-set liner hangers or other hydraulic-activated components in a liner string. A setting ball lands in the ball seat allowing pressure to be applied to the hanger to set the slips. This releases the hydraulic running tool from the liner at a higher pressure before shearing the pre-installed shear pins and removing the seat from the flow path. A retained ball-seat design prevents the sheared-out cage and ball assembly from interfering with float equipment installed below the landing collar. Large milled slots provide an unrestricted flow area while cementing. Internal components are constructed of wrought aluminum and are compatible for drill out.



Features and Benefits:

- ❖ Robust latch assembly for liner wiper.
- ❖ Standard hydrogenated nitrile rubber (HNBR) & VITON seals.
- ❖ Available with anti-wear coating

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HYDRAULIC LANDING COLLAR WITH OUT BALL CATCHER SUB

MODEL: OM-HLC-WBC

PRODUCT No.: OM-21403

The Hydraulically activated Collar is used with hydraulic set Liner Hangers to build pressure in the work string for setting of the Hanger hydraulically. The Liner Landing Collar has a latch profile for locking of the Liner Wiper Plug. The latch profile provides anti-rotational lock to the Liner Wiper Plug which enables fast drill-out.

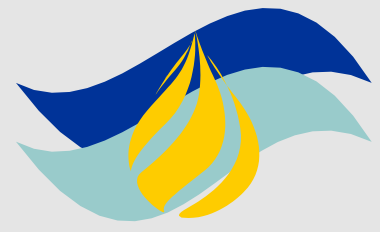
The ball seat in the Hydraulic Landing Collar is shear pinned to the latch bushing. When a ball lands on the seat, pressure rises to set the hanger hydraulically. Additional pressure is then applied to shear the ball seat to establish circulation through the Landing Collar. The ball seat has a slotted bottom which enables circulation through the shoe without any restriction after landing on the shoe. All seals are of standard HNBR material. A robust anti-rotation profile and latch assembly is designed to receive the liner wiper plug. When latched. These plugs provide a redundant seal to those of the float equipment. The body of the landing collar is manufactured of material matching the grade of the liner casing, which provides performance equal to or greater than that of the liner casing.



Features and Benefits:

- ❖ Used as a plugging device below the Liner Hanger.
- ❖ Anti-rotational profile locks the LWP into the Hydraulically activated Collar providing a positive seal in both directions.
- ❖ The anti-rotational profile locks the LWP rotationally to prevent rotation of the plug during drill out.
- ❖ Pressure ratings can be adjusted as per the requirement by removing or adding easily accessible shear screws
- ❖ Positive anti-rotation profile for liner wiper plug.
- ❖ Robust latch assembly for liner wiper plug.
- ❖ Available with anti-wear coating

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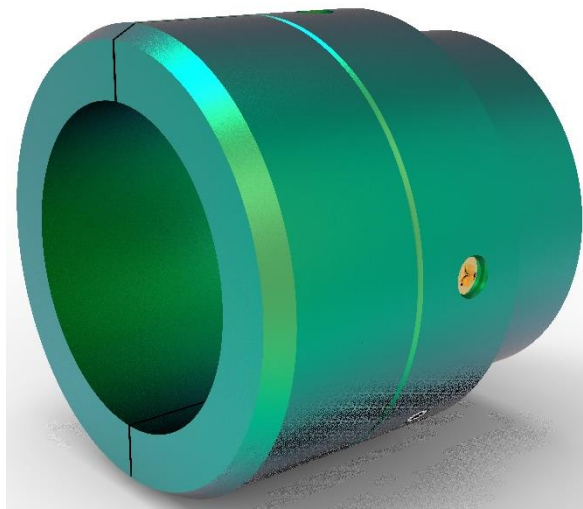
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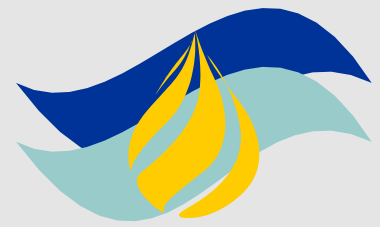
DEBRIS JUNK SCREEN

MODEL: OM-DJS

PRODUCT No.: OM-21305

The Liner Hanger Debris Junk Screen should be run as part of the Setting Tool assembly to prevent debris from damaging the polished bore Tie Back Receptacle. It will also prevent debris from setting on top of the Setting Tool and ease retrieval.





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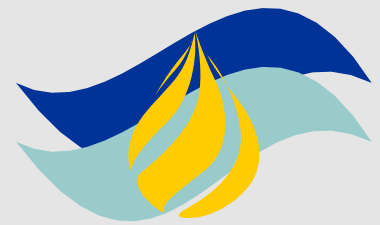
LIFTING NIPPLE

MODEL: OM-LN

PRODUCT No.: OM-21304

Lifting Nipple provides an interface between the Liner Hanger assembly and the Drill Pipe. The Lifting Nipple is provided in the same grade of material as that of the Drill Pipe. The Lifting Nipple is a short Drill pipe Pup joint, which makes handling of the Liner hanger Hook-up assembly easier.





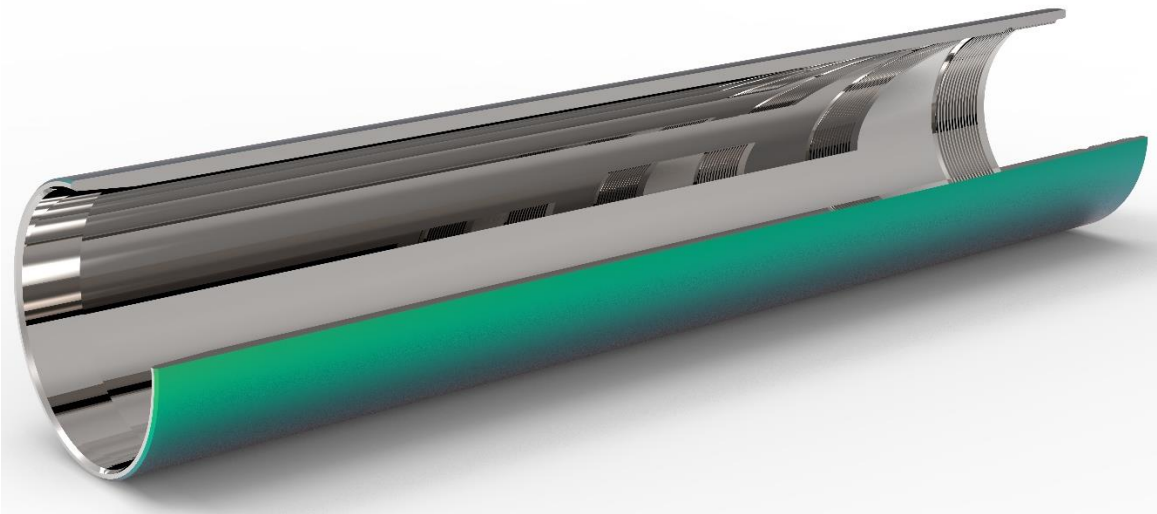
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POLISH BORE RECEPTACLE

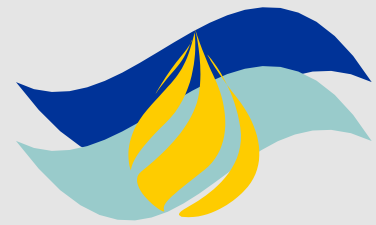
MODEL: OM-PBR

PRODUCT No.: OM-21303

The polish Bore Receptacle provides a high integrity honed seal bore above and below a Liner Hanger which permits landing, sealing, and extending additional Liner to a point further up the hole, or to the surface. A Tie Back Seal Assembly seals in the Receptacle ID to hold pressure in both directions.



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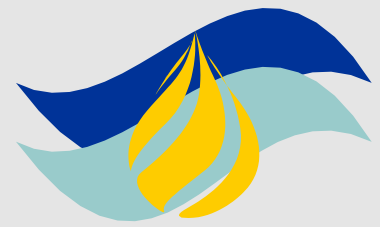
SEAL JOINT WITH CONNECTOR

MODEL: OM-SJT

PRODUCT No.: OM-21301

Seal Joint is used in combination with the retrievable Pack off Bushing (RPOB). This combination is used to provide a seal between the liner and setting tool during cementing operations. The Seal Joint stinger is stabbed into the bushing inner V-Ring Seal Pack-Off Assembly and the bushing OD is sealed and located in the RPOB profile within the setting sleeve or Liner Top Packer to provide a high integrity seal. This method significantly reduces the upward hydraulic force on the drill pipe during cementing when compared to the casing packer cup method to provide this seal. This is especially beneficial when cementing larger diameter liners, and /or cementing at relatively shallow depths where this upward force might exceed the drill pipe string weight and pump the running string up the hole, possibly losing the seal between the liner and setting tool. After the cement job, The Seal Joint and RPOB are pulled out of the liner top with no drill out required.





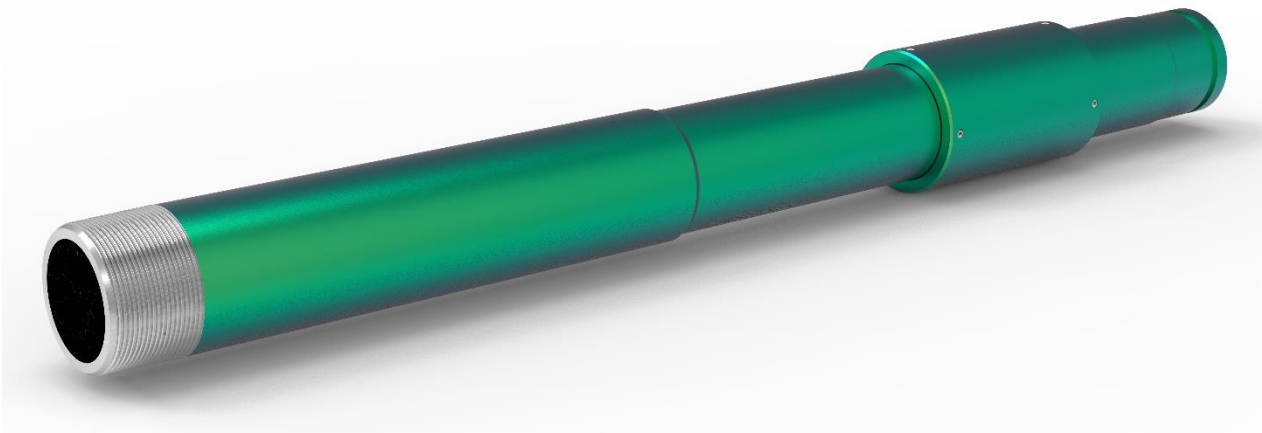
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SEAL JOINT WITH OUT CONNECTOR

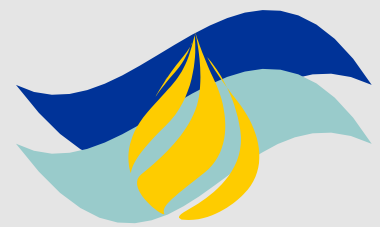
MODEL: OM-SJT-1

PRODUCT No.: OM-21302

Seal Joint is used in combination with the retrievable Pack off Bushing (RPOB). This combination is used to provide a seal between the liner and setting tool during cementing operations. The Seal Joint stinger is stabbed into the bushing inner V-Ring Seal Pack-Off Assembly and the bushing OD is sealed and located in the RPOB profile within the setting sleeve or Liner Top Packer to provide a high integrity seal. This method significantly reduces the upward hydraulic force on the drill pipe during cementing when compared to the casing packer cup method to provide this seal. This is especially beneficial when cementing larger diameter liners, and /or cementing at relatively shallow depths where this upward force might exceed the drill pipe string weight and pump the running string up the hole, possibly losing the seal between the liner and setting tool. After the cement job, The Seal Joint and RPOB are pulled out of the liner top with no drill out required.



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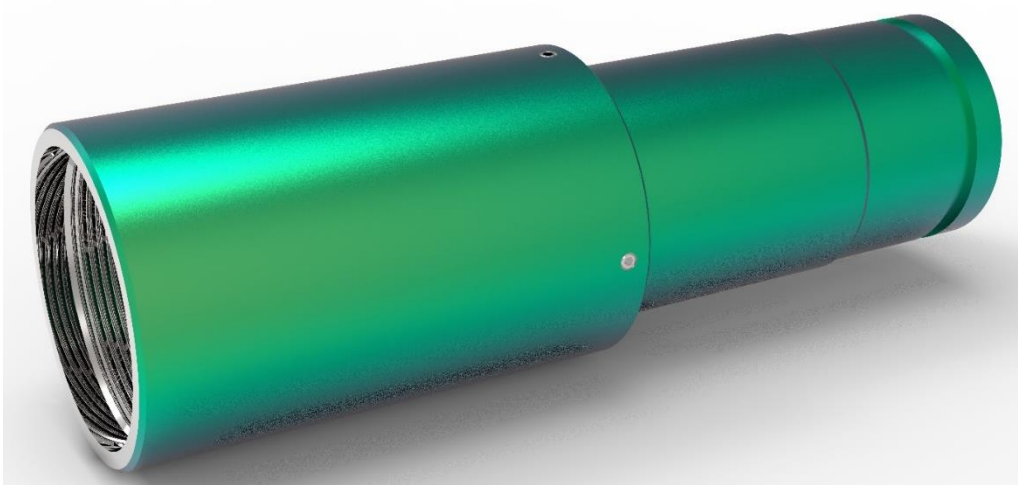
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LINER WIPER PLUG CONNECTOR

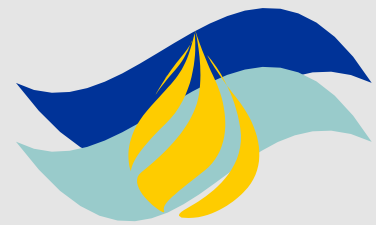
MODEL: OM-LWP-CN

PRODUCT No.: OM-21310

Liner Wiper Plug Connector use with The Hydro Trip Pressure Sub. The Hydro Trip Pressure Sub use with the Liner Hanger for inner string pressures.



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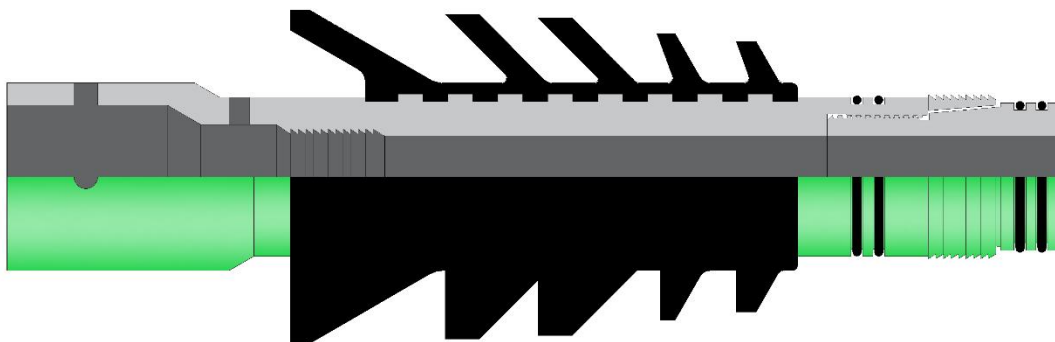
OILMEC

LINER WIPER PLUG

MODEL: OM-LWP

PRODUCT No.: OM-21307

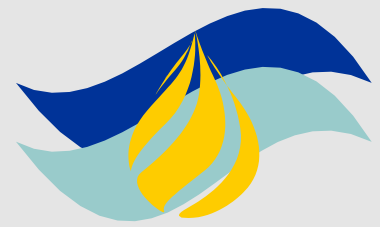
Liner Wiper Plug is designed to receive the Drill Wiper Plug and clean the Liner casing after cementing. When latched into the Landing Collar its nose seal ring provides an additional back pressure safety check and the anti-rotation lock ring allows for fast drill out. The LWP is constructed of material easily drilled out after cementing. The integral molded design of the wiper fins provides a positive seal for activation of any hydraulic components. With distinguished diameters of fins are designed for specific purpose such as one will be wiping off inside of the liner while other fin will be holding the up or back pressure. These plugs are made up of elastomeric material as per rated or required applications. A robust anti-rotation nose latch and clutch profile prevents rotation of these plugs during drill out operations. Available in a tandem plug configuration, the wiper system allows for wiping of the work string and liner casing in advance of the cementing operation.



Features and Benefits:

- ❖ Positive anti-rotation clutch profile & latch assembly.
- ❖ Easy and fast drill out.
- ❖ Seals and Wiper fins are made up of Standard elastomer.
- ❖ Available with multi plug configuration to suit any tapered drill pipe/work string.

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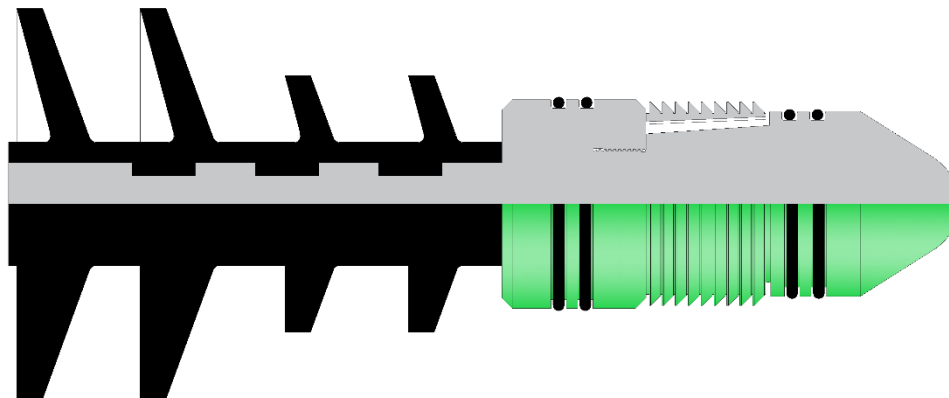
OILMEC

DRILL PIPE WIPER PLUG

MODEL: OM-DWP

PRODUCT No.: OM-21308

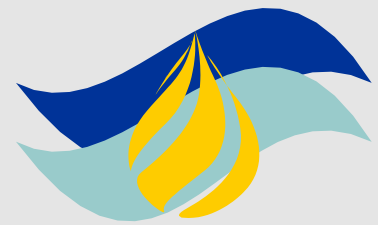
Drill Pipe Wiper Plug cleans the work string after cementing. It then latches and seals into the Liner Wiper Plug (LWP) and together the plugs wipe and clean the casing down to the Landing Collar. The Wiper Plugs are designed to latch into the Landing Collar becoming part of the additional back pressure safety check. The locking mechanism on the Plug is designed with anti-rotation threads to aid in drill out. The DWP is constructed of material easily drill out after cementing. Drill pipe dart has a special latch profile to avoid any movement due to up/down differential pressure after landing and also this clutch profile prevents rotation of the plugs during drill out operations.



Features and Benefits:

- ❖ Robust Non-rotation clutch profile.
- ❖ Standard moulded seals and wiper fins.
- ❖ Available in multi plug configuration to adapt any tapered drill pipe/work string.

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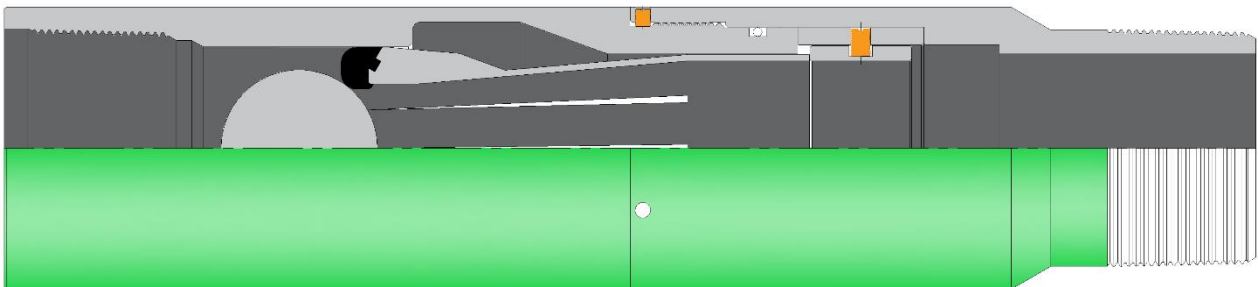
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HYDRO TRIP PRESSURE SUB

MODEL: OM-HTS

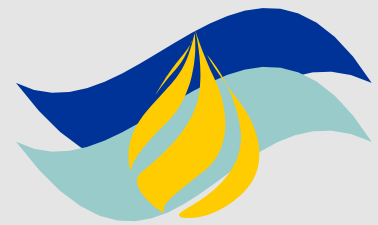
PRODUCT No.: OM-21309

The Hydro-Trip Pressure Sub is installed in the Tubing String below a Hydrostatic Packer to provide a method of applying the tubing pressure required to activate the Packer. To set a Hydrostatic Packer, a ball is circulated through the Tubing and Packer to seat in the Hydro-Trip Pressure Sub and sufficient Tubing pressure is applied to activate the setting mechanism in the Packer. After the Packer is set a pressure increase to approximately 2500 psi shears the brass shears screws and the ball seat moves down until the finger snap back in to a groove in top sub. The Hydro-Trip Sub is then full opening and ball passes on down the Tubing.



- ❖ **NOTE:** The Hydro-Trip Pressure Sub is also installed in the below of Inner String of Liner Hanger to provide a method of applying the tubing pressure required to activate the Liner Hanger. After the Liner Hanger is set a pressure increase to approximately 3500 psi shears the brass shears screws.

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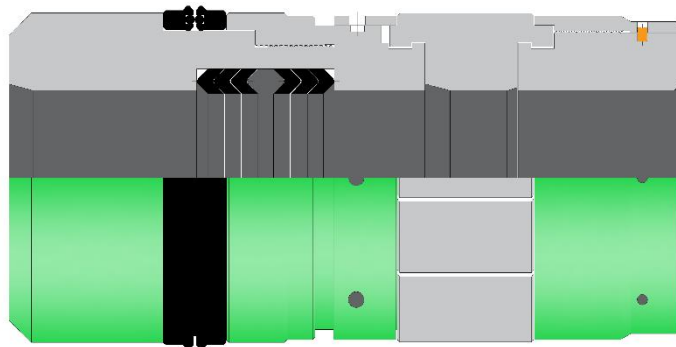
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RETRIEVABLE PACK-OFF BUSHING

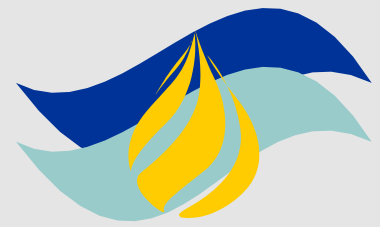
MODEL: OM-RPOB

PRODUCT No.: OM-21201

The Seal Joint is used in combination with the retrievable Pack off Bushing (RPOB). This combination is used to provide a seal between the liner and setting tool during cementing operations. The Seal Joint stinger is stabbed into the bushing inner V-Ring Seal Pack Off Assembly and the bushing OD is sealed and located in the RPOB profile with in the setting collar or Liner Top Packer to provide a high integrity seal. This method significantly reduces the upward hydraulic force on the drill pipe during cementing when compared to the casing packer cup method to provide this seal. This especially beneficial when cementing larger diameter liners, and /or cementing at relatively shallow depths where this upward force might exceed the drill pipe string weight and hydraulic up the hole and possibly losing the seal between the liner and the setting tool and running the cement job. After the cement job, The Slick Joint and RPB are pulled out of the liner top with no drill out required



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SETTING SLEEVE FOR 'HR'PROFILE

MODEL: OM-SS-HR

PRODUCT No.: OM-21103

OM-SS-HR Setting Sleeve use with Hydraulic Release Running Tool offers a HR profile to run the string with Running tool, Setting Sleeve having internal Receptacle profile for Retrievable Pack off Bushing and Box down thread for connecting with Liner Top Packer or Integrated Packer with Hanger.

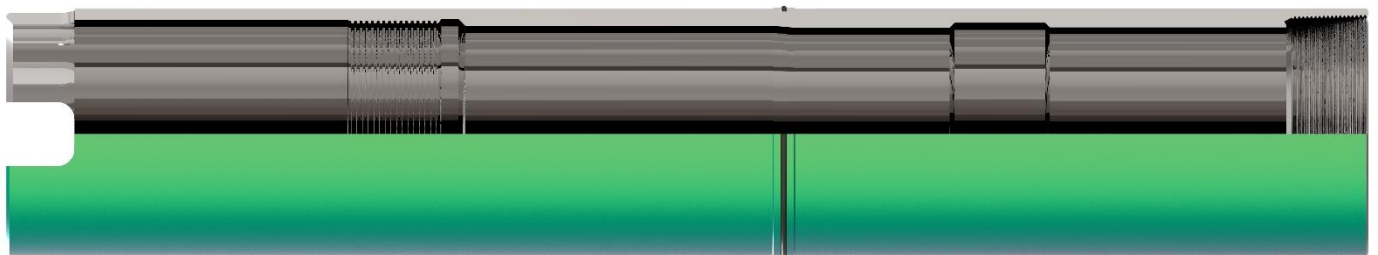


SETTING SLEEVE FOR 'RH'PROFILE

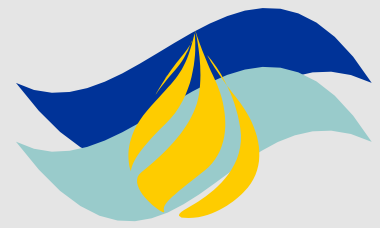
MODEL: OM-SS-RH

PRODUCT No.: OM-21104

Setting Sleeve can be provided with RH profile to run the string with RH running tool, setting collar having Internal Receptacle profile for retrievable pack off bushing and Box down thread for connecting with Liner Top Packer or Integrated Packer with Hanger.



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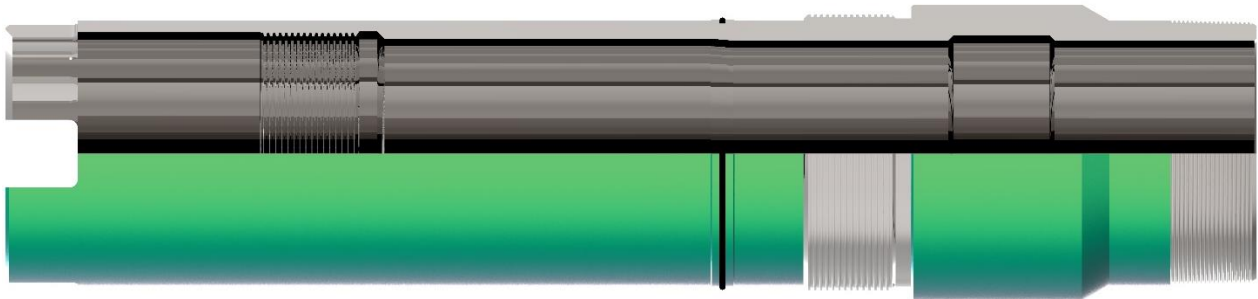
OILMEC

SETTING SLEEVE FOR 'HR1' PROFILE (F/ LINER DROP)

MODEL: OM-SS-HR1

PRODUCT No.: OM-21105

Setting Sleeve can be provided with RH profile to run the string with RH running tool, setting collar having Internal Receptacle profile for retrievable pack off bushing. The bottom connection of the Setting Sleeve is directly connected to the Liner. This setting Sleeve mainly used for Drop-off Liner System where no liner hanger required.

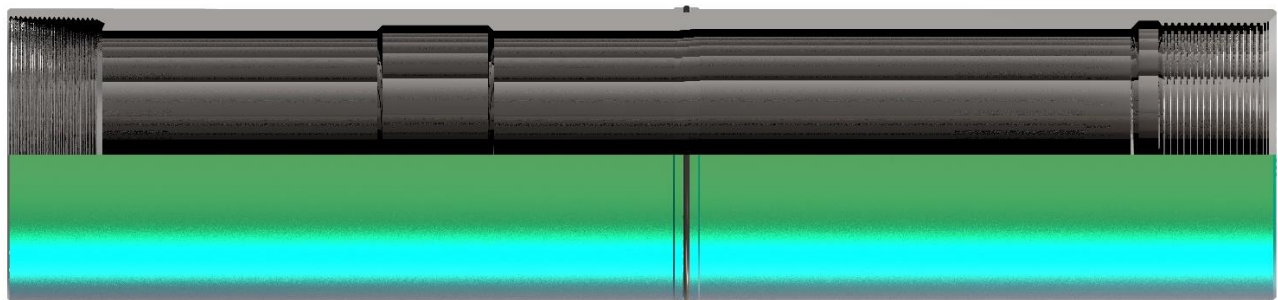


SETTING SLEEVE FOR NUT PROFILE

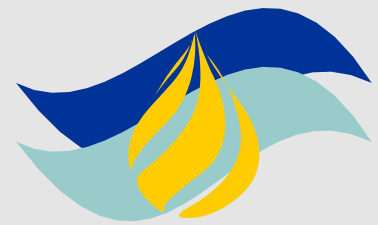
MODEL: OM-SS-N

PRODUCT No.: OM-21101

OM-SS-N Setting Sleeve for Mechanical Release Running Tool offers a Running Nut to run the string with Running tool, Setting Sleeve having internal Receptacle profile for Retrievable Pack off Bushing and Box down thread for connecting with Liner Top Packer or Integrated Packer with Hanger.



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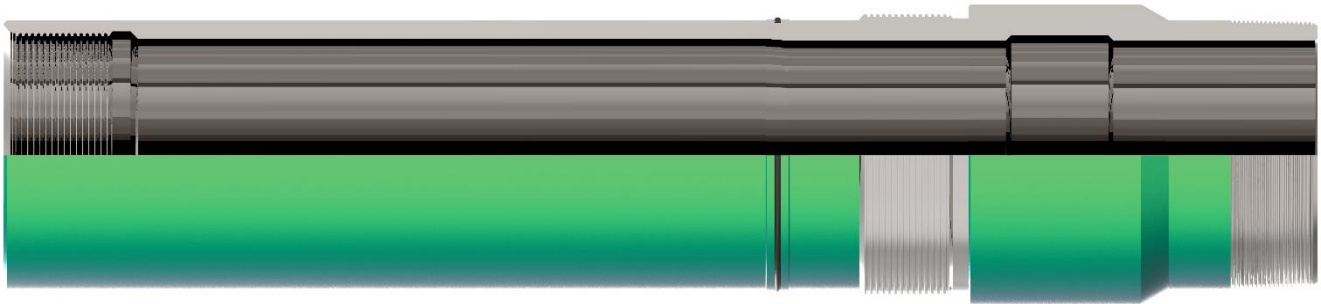
OILMEC

SETTING SLEEVE FOR NUT PROFILE (F/ LINER DROP)

MODEL: OM-SS-N1

PRODUCT No.: OM-21102

OM-SS-N1 Setting Sleeve for Mechanical Release Running Tool offers a Running Nut to run the string with Running tool, Setting Sleeve having internal Receptacle profile for Retrievable Pack off Bushing. The bottom connection of the Setting Sleeve is directly connected to the Liner. This setting Sleeve mainly used for Drop-off Liner System where no liner hanger required.

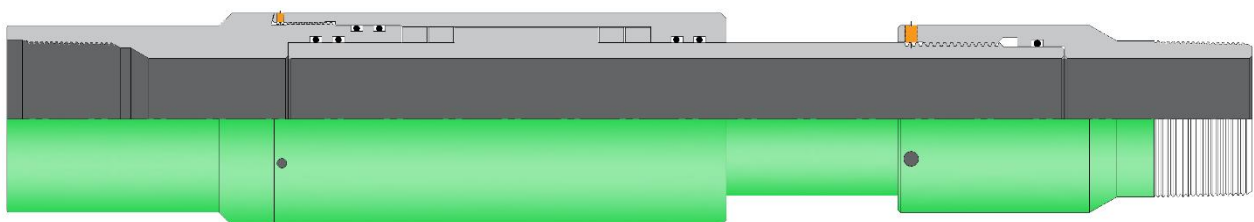


TUBING SWIVEL SUB

MODEL: OM-TSS

PRODUCT No.: OM-21311

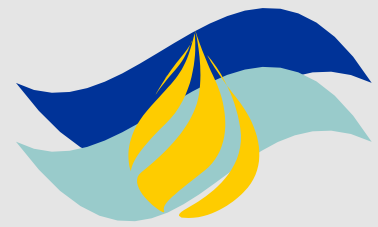
Tubing Swivel sub is designed for upper string rotate freely and lower string remains Static. Tubing Swivel Sub is normally used where Mechanical / Hydraulic Set Liner Hanger run in a highly deviated or horizontal wellbore. This tool is designed with high load roller bearings which ensure the tool functions properly in tension or compression



Features and Benefits:

- ❖ High load bearing capacity in tension or compression & Compact bearing design results in slim OD and large bore, allowing & free internal flow.
- ❖ Rotate easily when loaded in tension or compression.
- ❖ Easy to service due to simple bearing design.

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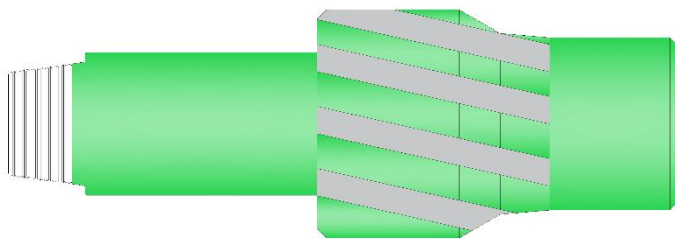


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CLEAN OUT TRIP:

Top Dress mill and polishing mills are run prior to tying seal nipple or seal nipple packer assembly back into the Polish bore receptacle. The purpose of running the mills is to ensure tie back nipple assembly not to be damaged, and to remove any scale or other foreign substance from the polished seal bore. The Top Dress Mill is made to dress the top edge of the receptacle to an acceptable condition and configuration to ensure safe entry of the seal nipple without damaging the seal units. The polishing mill is a soft-bodied mill which run inside the receptacle to clean a deposited material from its highly polished surface to allow optimal contact with the seal nipple.

For seal nipple packer applications, the mills are run in with a casing scraper to assure a prepared area for the packer to set and seal in. Both mills are equipped with drill-pipe connections and are sized for specific lengths by the use of a spacer nipple. Detailed procedures for dressing and polishing are available.



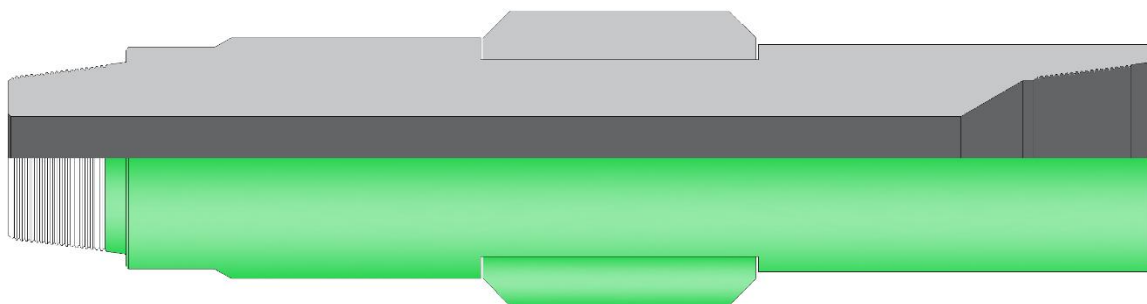
TOP DRESS MILL

PRODUCT No.: OM-21601



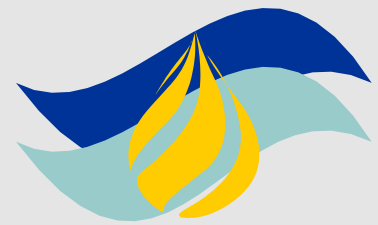
SPACER TUBE

PRODUCT No.: OM-21602



CLEAN OUT BLADE MILL

PRODUCT No.: OM-21603



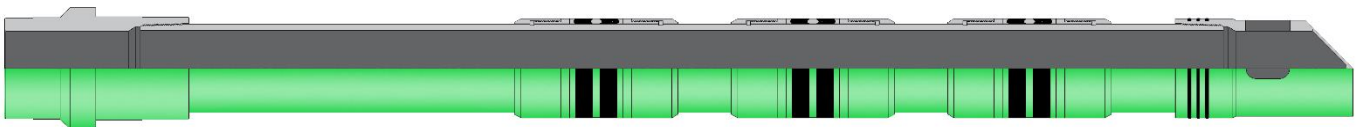
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LINER TIE BACK SEAL NIPPLE

MODEL: OM-LTBN

PRODUCT No.: OM-21802

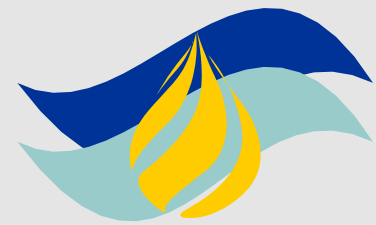
Liner Tie back Nipple provide a new casing string to cover intermediate casing worn by drilling or corrosion, protect a weak casing string from shut-in or excessive production pressure, or to isolate a leaking liner top. A typical Tieback Liner System includes a Liner Tieback Seal Nipple Orifice Float Collar and an existing Liner Tieback Packer the Liner Tie back Nipple consists of a locator, seal mandrel, seals or seal units and a half mule shoe bottom. This assembly is made up to the tieback string and is landed into the existing Liner Tieback Seal Nipple.



Features and Benefits:

- ❖ Body threaded to match tieback liner/ casing connection.
- ❖ Variety of seal materials available for compatibility with anticipated well conditions.
- ❖ Mule shoe configuration aids in stabbing and facilitates re-entry with wire line equipment.
- ❖ Cementing ports available to facilitate the cementing.

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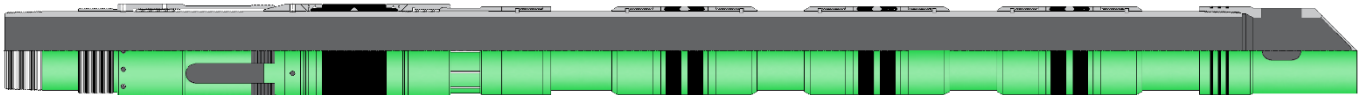
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LINER TIE BACK SEAL NIPPLE PACKER

MODEL: OM-LTBP

PRODUCT No.: OM-21801

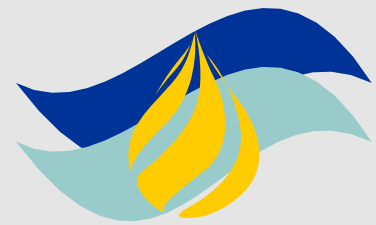
Liner Tie Back Seal Nipple Packer is Single Grip, Compression Set, Liner Top Isolation Packer that is most frequently run-on drill pipe to repair a liner top leak or for a mono bore liner top completion, using a mechanical Release Running and a liner setting sleeve with PBR Extension. Upon running into the existing liner PBR Extension, the integral seals the bottom is inserted until seated and pressure tested down the work string. Additional slack off weight applies the Collet lock nose and actuates the upper packing element, forming a pressure tight seal between the annulus of the casing and the liner. Liner Tie back Seal Nipple Packer's straight slack off weight setting mechanism eliminates pipe rotation, hydraulic setting ports and/or temporary plugging devices to set the packer.



Features and Benefits:

- ❖ Full Bore single mandrel-Provides an unrestricted ID to the liner top once in place.
- ❖ The Elastomeric/metal seal element is highly resistant to swab-off and mechanical damage while running in the hole.
- ❖ Seals on the seal stem ensure high pressure integrity even after repeated hot stabbing into the Liner PBR Extension. Due to its rugged design, the Seal is less susceptible to damage while stabbing and un-stabbing under pressure versus the conventional V-type Chevron packing.
- ❖ Useful as a Liner Top Packer when running scab or tieback liners to surface.
- ❖ Collet lock Nose feature prevents pre-setting while running in the hole.
- ❖ Positive set is held by internal body lock ring.
- ❖ Withstands high pressures and temperatures.

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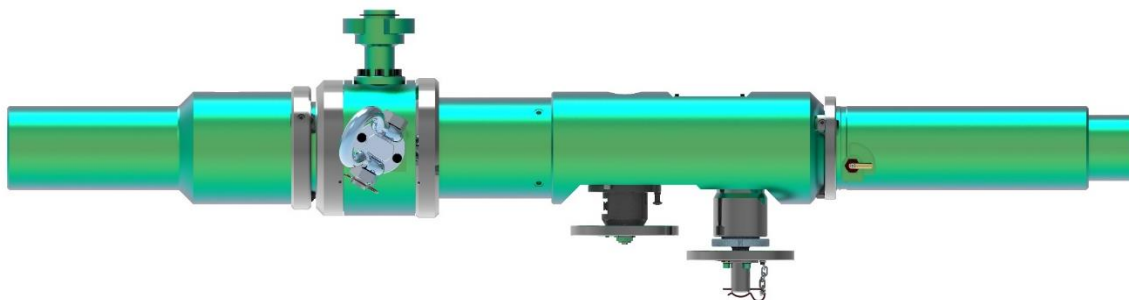
TOP DRIVE CEMENTING HEAD WITH SINGLE PLUG

MODEL: OM-TDCH-SP

PRODUCT No.: OM-22201

This is a Single Plug Top Drive Cementing Head.

Oilmech top-drive cementing head allows release of setting balls and drill pipe darts without breaking the connection in the running string. The TDH is pre-loaded with the setting ball, drill pipe dart(s), or full-length wiper plugs and can be racked in the derrick for easy access. The well can be circulated through the TDH via a top drive or cement unit with the ball and dart(s) loaded. When circulating through the side bore and/or bypassing dart(s), the maximum pump rate is 15 bbl./min. When pumping through the main bore, after plugs have been released and bypass valves are closed, the maximum allowable rate is 30 bbl./min. The ball and dart(s) can be released by the clearly identified wheels on the TDH.



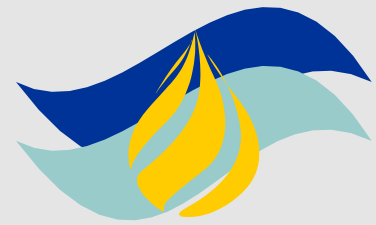
Features and Benefits:

- ❖ High tensile, torque, and pressure ratings enable the TDH to withstand conditions that other heads cannot.
- ❖ The TDH allows circulation through the top drive and/or cement line, even when fully loaded, simplifying operations and saving rig time while the head is being used.
- ❖ The integral swivel facilitates rotation of the drill string during cementing operations, resulting in a better cement bond

Application:

- ❖ Running any liner, with or without top drive.
- ❖ Launching darts and balls related to Sub-Surface Release cementing plug

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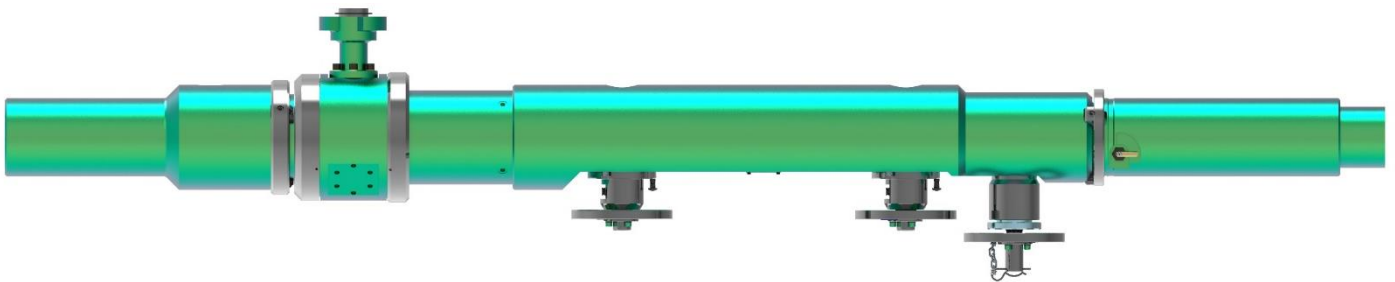
TOP DRIVE CEMENTING HEAD WITH DOUBLE PLUG

MODEL: OM-TDCH-DP

PRODUCT No.: OM-22204

This is a Double Plug Top Drive Cementing Head.

Oilmec top-drive cementing head allows release of setting balls and drill pipe darts without breaking the connection in the running string. The TDH is pre-loaded with the setting ball, drill pipe dart(s), or full-length wiper plugs and can be racked in the derrick for easy access. The well can be circulated through the TDH via a top drive or cement unit with the ball and dart(s) loaded. When circulating through the side bore and/or bypassing dart(s), the maximum pump rate is 15 bbl/min. When pumping through the main bore, after plugs have been released and bypass valves are closed, the maximum allowable rate is 30 bbl/min. The ball and dart(s) can be released by the clearly identified wheels on the TDH.



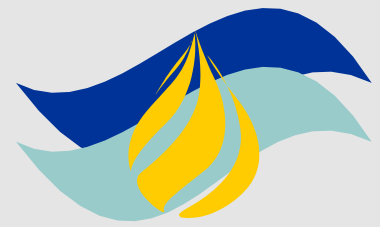
Features and Benefits:

- ❖ High tensile, torque, and pressure ratings enable the TDH to withstand conditions that other heads cannot.
- ❖ The TDH allows circulation through the top drive and/or cement line, even when fully loaded, simplifying operations and saving rig time while the head is being used.
- ❖ The integral swivel facilitates rotation of the drill string during cementing operations, resulting in a better cement bond

Application:

- ❖ Running any liner, with or without top drive.
- ❖ Launching darts and balls related to Sub-Surface Release cementing plug

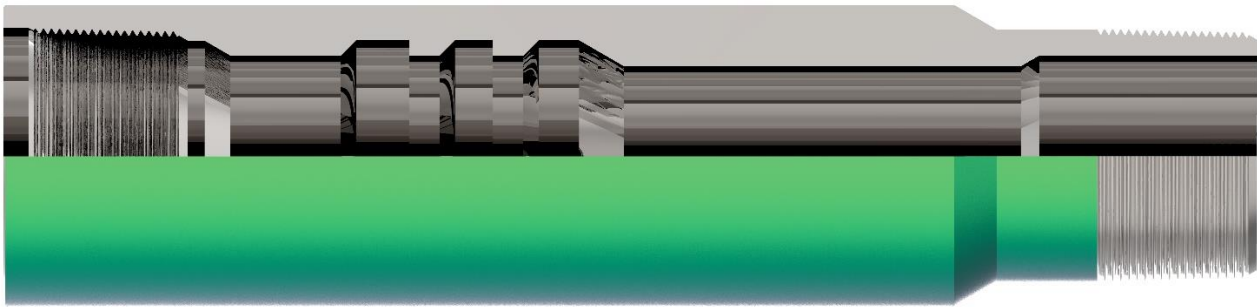
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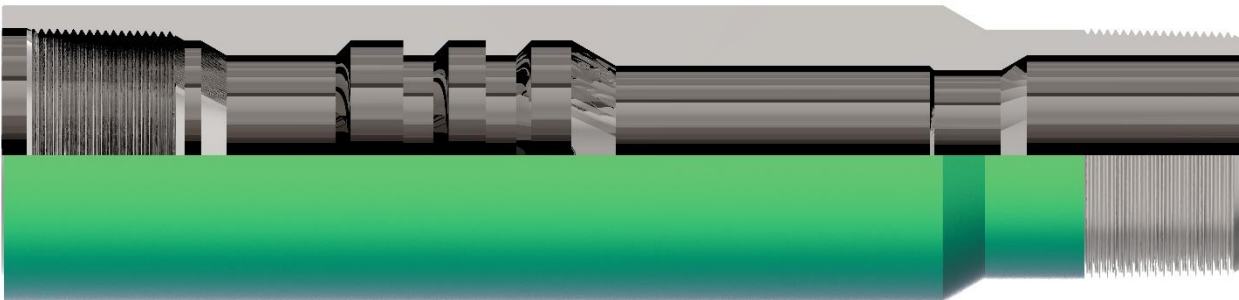
LANDING NIPPLE:

R, RN, X and XN landing nipples are run into the well on the completion tubing to provide a specific landing location for the subsurface flow control equipment. The common internal profiles of these landing nipples make them universal. X and XN landing nipples are designed for use with standard weight tubing. R and RN landing nipples are designed for use with heavy weight tubing. (The N designates no-go nipples).



MODEL: OM-LNP-R

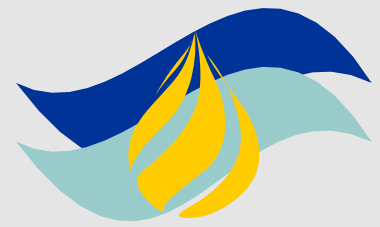
PRODUCT No.: OM-21901



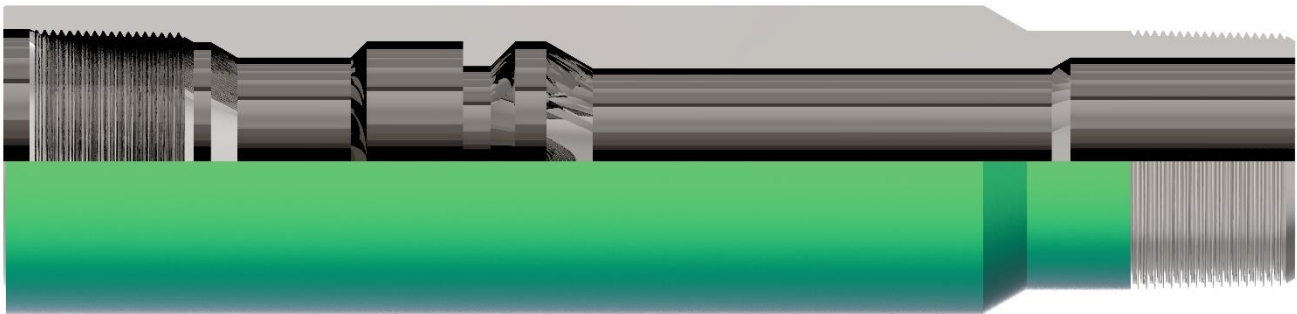
MODEL: OM-LNP-RN

PRODUCT No.: OM-21902

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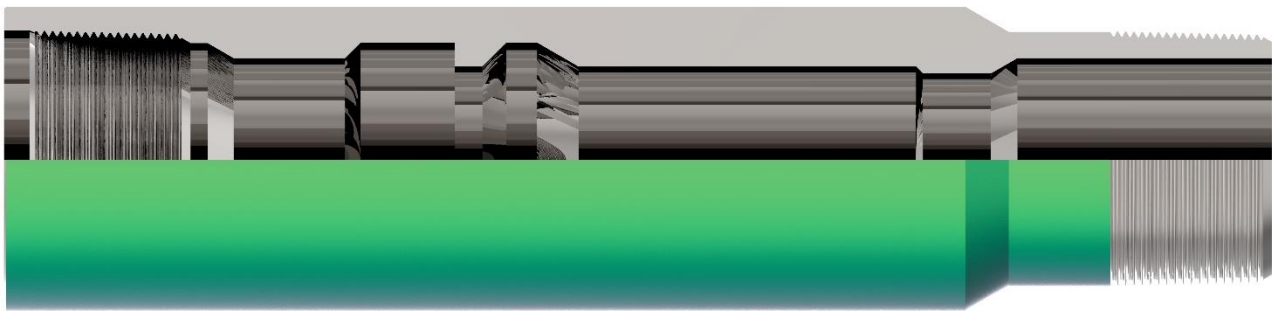


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MODEL: OM-LNP-X

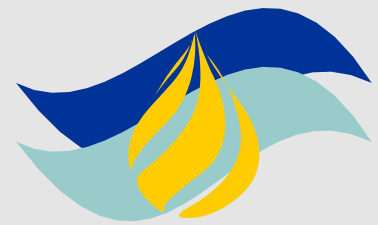
PRODUCT No.: OM-21903



MODEL: OM-LNP-XN

PRODUCT No.: OM-21904

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Certifications:

API American Petroleum Institute

REGISTRATION NO. Q1-4091

Certificate of Registration

The American Petroleum Institute certifies that the quality management system of

OILMEC DRILLING EQUIPMENTS PVT. LTD.
Plot No. 20, Shahpur Khurd, Seekri Distt
Faridabad, Haryana
India

has been assessed by the American Petroleum Institute and found to be in conformance with the following:

API Specification Q1

The scope of this registration and the approved quality management system applies to the:

Manufacture and Supply of Bow Spring Centralizers and Tubing Accessories

API approves the organization's justification for excluding:

Servicing

Effective Date: DECEMBER 7, 2020
Expiration Date: DECEMBER 7, 2023
Registered Since: DECEMBER 7, 2020

Debra Chugh
Vice President of Global Industry Services

This certificate is valid for the period specified herein. The registered organization must continually meet all requirements of API Spec Q1, Specification for Quality Programs for the Petroleum, Petrochemical and Natural Gas Industry, and the requirements of the Registration Agreement. Registration is maintained and regularly monitored through annual full system audits. This certificate has been issued from API offices located at 200 Massachusetts Avenue, NW Suite 1100, Washington, DC 20001-5571, U.S.A. It is the property of API, and must be returned upon request. To verify the authenticity of this certificate, go to www.api.org/compositelist.

2020-100 | 06.20 | Digis

Certificate of Authority to use the Official API Monogram
License Number: 5CT-1666 ORIGINAL

The American Petroleum Institute hereby grants to

OILMEC DRILLING EQUIPMENTS PVT. LTD.
Plot No. 20, Shahpur Khurd, Seekri Distt
Faridabad, Haryana
India

the right to use the Official API Monogram® on manufactured products under the conditions in the official publications of the American Petroleum Institute entitled API Spec Q1® and API-5CT and in accordance with the provisions of the License Agreement.

In all cases where the Official API Monogram is applied, the API Monogram shall be used in conjunction with this certificate number: **5CT-1666**

The American Petroleum Institute reserves the right to revoke this authorization to use the Official API Monogram for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

The scope of this license includes the following: Pipe Threading

QMS Exclusions: Servicing; Design and Development

Effective Date: DECEMBER 7, 2020
Expiration Date: DECEMBER 7, 2023

To verify the authenticity of this license, go to www.api.org/compositelist.

Debra Chugh
Vice President of Global Industry Services

Quality Inspection & Certifications

QIC™

CERTIFICATE OF COMPLIANCE

OILMEC DRILLING EQUIPMENTS PVT. LTD

PLOT NO. 20, Shahpur Khurd, Seekri, Faridabad,
HARYANA, INDIA - 121004.

Has been independently assessed and found to conform-to the requirement with

ISO 14310:2008

This certificate is applicable to the following product and services:

DESIGN MANUFACTURE SUPPLY & SERVICES FOR PACKERS AND BRIDGE PLUGS AS PER CUSTOMER REQUIREMENT

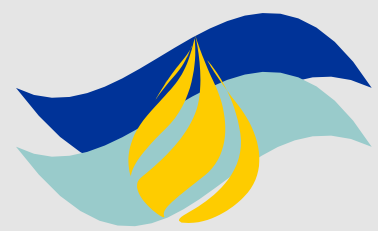
(Further Clarifications regarding the scope of the certificate & the applicability of standard requirements may be obtained by consulting the organization. This is a compliance certificate sanctioned for issue by QUALITY INSPECTION & CERTIFICATIONS in accordance with the requirements of ISO/IEC 17021:1:2015. The Validity of the certificate can be verified by checking the Directory of Certificated clients maintained at the QIC Website www.qicindia.in)

Certificate Number: QIC-ISO-B-32005G
Date of Certification: 01.11.2020
1st Surveillance on or Before: 31.10.2021
2nd Surveillance on or Before: 31.10.2022
Valid Until: 01.11.2023

(Subject to the company maintaining its system to the required standard)
*After Successful completion of surveillance audit, New certificate shall be issued.

Quality Inspection & Certifications
(Accredited by: Accreditation Conformity Board of Certification Bodies-ACBCB-INDIA),
Durable Complex, 16/3, Plot No. 10, 2nd Floor, Main Mathura Road, Faridabad-121002, India
Email : info@qicindia.in, Website : acbcbb.org

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Certificate of Registration

OILMEC DRILLING EQUIPMENTS PVT. LTD.

PLOT NO.-20, SHAHPUR KHURD, SEEKRI, FARIDABAD-121004, HARYANA, INDIA
Has been independently assessed & Found to conform as per the Requirements of
The Environment Management System Standard.

ISO 14001:2015

This Certificate is valid for the Following Scope of Activities

MANUFACTURE AND SUPPLY OF INDUSTRIAL OIL FIELD PRODUCTS AND TOOLS

(Further Clarifications regarding the scope of the applicability of standard requirements may be obtained by consulting the organization. * This is an accredited certificate sanctioned for issue by ACCREDITATION CONFORMITY BOARD FOR CERTIFICATION BODIES (ACCB) in accordance with the requirements of ISO/IEC 17021:2011. The Validity of the certificate can be verified by checking the Directory of certified organizations maintained at the ACCB's website www.accb.org)

Certificate Number : QIC/EMS-A-2017

Date of Initial Registration : 10.01.2019 Date of Issue : 10.01.2019

1st Surveillance on or Before : 10.12.2019 Done On :
2nd Surveillance on or Before : 10.12.2020 Done On :
Valid Until : 09.01.2022

INA08201402 ISO 14001 Accreditation Centre Certification Manager / President Quality Inspection & Certifications

This Certificate is a Property of Quality Inspection & Certifications & shall be Returned Immediately on Request. We are an Independent Certification Body providing the ISO Certifications as per our Auditor's Recommendation after clearance of audits.
Quality Inspection & Certifications S-561, Bhagwell Business Centre, School Block-2, Shakarpur Delhi-110092, India.
Email : info@qicindia.in, Website : qicindia.in



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Certificate of Registration

OILMEC DRILLING EQUIPMENTS PVT. LTD.

PLOT NO.-20, SHAHPUR KHURD, SEEKRI, FARIDABAD-121004, HARYANA, INDIA
Has been independently assessed & Found to conform as per the Requirements of
The Quality Management System Standard.

ISO 9001:2015

This Certificate is valid for the Following Scope of Activities

MANUFACTURE AND SUPPLY OF INDUSTRIAL OIL FIELD PRODUCTS AND TOOLS

(Further Clarifications regarding the scope of the applicability of standard requirements may be obtained by consulting the organization. * This is an accredited certificate sanctioned for issue by ACCREDITATION CONFORMITY BOARD FOR CERTIFICATION BODIES (ACCB) in accordance with the requirements of ISO/IEC 17021:2011. The Validity of the certificate can be verified by checking the Directory of certified organizations maintained at the ACCB's website www.accb.org)

Certificate Number: QIC/QMS-A-12233

Date of Initial Registration : 10.01.2019 Date of Issue : 10.01.2019

1st Surveillance on or Before : 10.12.2019 Done On :
2nd Surveillance on or Before : 10.12.2020 Done On :
Valid Until : 09.01.2022

INA08201402 ISO 9001 Accreditation Centre Certification Manager / President Quality Inspection & Certifications

This Certificate is a Property of Quality Inspection & Certifications & shall be Returned Immediately on Request. We are an Independent Certification Body providing the ISO Certifications as per our Auditor's Recommendation after clearance of audits.
Quality Inspection & Certifications S-561, Bhagwell Business Centre, School Block-2, Shakarpur Delhi-110092, India.
Email : info@qicindia.in, Website : qicindia.in



Quality Inspection & Certifications

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Has been independently assessed & Found to conform as per the Requirements of
The Occupation Health & Safety System Standard

OHSAS 18001:2007

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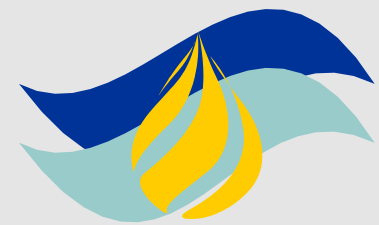
   

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OILMEC

Oilmec R&D are continually involved in designing and manufacturing products for customer specific applications utilizing many different materials and manufacturing techniques. We continue to introduce new innovative products to our expanding portfolio which already include the market leading Oil field casing & cementing accessories.

Oilmec collaborate with multiple manufacturing companies worldwide, and are experts in casting and mounding whether it be Sand casting, Gravity Die casting, Pressure Die casting or by the Lost Wax process in materials such as Zinc, Aluminum and Bronze Alloys, Thermoplastics and Ductile/SG Irons. We also design and manufacture components from machined Steel using the latest CNC machinery available. Steel fabrication work is also undertaken.



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Our Manufacturing & Procurement Team liaise between Sales, Design, Engineering and the Manufacturing Subcontractors to ensure that finished products are made within specification and are available on time to meet customer requirements.

Oilmec boasts wide and varied testing capabilities at our global locations. We operate over 30 CNC lathes, milling machines and boring machines, producing float equipment and subs up to 30". With a highly skilled and experienced engineering team and machinists, we offer fast and innovative product solutions with a very short turn around time.



www.oilmecasia.com

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