



REBCO OIL TOOLS

EXCEEDING EXPECTATIONS ONE
TOOL AT A TIME

Service Tool Equipment



SECTION II: SERVICE TOOLS

PRODUCT DESCRIPTION: SERVICE TOOLS

Service Tools are engineered for either singular or multi-functional applications in wireline operations. The Wireline Operator selects the appropriate tool based on the desired outcome.

Section II highlights a selection of these tools to help operators identify suitable options; however, it does not represent the full range of tools available in this category. *Rebco* staff are available to provide assistance for specific needs or additional options.

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SECTION II: SERVICE TOOLS

Type 'A' Blind Box: 3/8" - 7"

The *Rebco* Type 'A' Blind Box is a solid metal tool designed to jar obstructions downward through the tubing string, moving them to a position where they pose minimal disruption to operations.

Additionally, the Blind Box serves as a method for parting the wireline at the rope socket, enabling the wireline retrieval using appropriate fishing tools.

Blind Boxes can be manufactured in custom sizes within the nominal outside diameter (OD) range. For specifications, refer to Table 1 below.

Product Code: 105

Table 1: (PART NO. 10500_)



TECHNICAL DATA

OD RANGE				THREAD	FISHING NECK	LENGTH	
Inches		mm					
MIN	MAX	MIN	MAX				
0.375	0.500	9.5	12.7	1/4" - 20	none	5.00	
				3/8" - 16			
0.750	1.032	19.0	26.2	1/2" - 13	0.687	8.88	
1.062	1.468	27.0	37.3	5/8" - 11	1.000		
1.500	1.730	38.1	43.9	15/16" - 10	1.187	9.00	
1.750	2.375	44.5	60.3		1.375		
2.406	2.906	61.1	73.8	1 1/16" - 10	1.750		
2.937	4.328	74.6	109.9		2.313		
4.375	6.687	111.1	169.8		3.125		
Large Sizes		Custom order only: - Threads, FN and Length					

NOTES: How to Order

1. Part Number is 10500x.xx -0 for less than 1.00"
2. All Blind Boxes are Part Numbered by 'OD' dimension to 2 decimal places +/- .005"

Metric Dimensions are to be marked to 2 decimal places Part Number is 10501xxx

1 inch = 2.540 cm



SECTION II: SERVICE TOOLS

Type 'A' Gauge Cutter: 1" - 7"

The **Rebco** Type 'A' Gauge Cutter is a multi-functional tool engineered for various wireline applications. Its primary function is to remove paraffin, corrosion, and other foreign materials from the internal diameter (ID) of the tubing string.

The Gauge Cutter is also used to gauge and tag obstructions within the tubing and to locate and tag landing nipples in the wellbore.

Note: It is strongly recommended that a Gauge Cutter be run prior to deploying any subsurface controls. This ensures that the controls can pass freely through the tubing without obstruction.

Gauge Cutters are available in custom sizes within the nominal outside diameter (OD) range. For size options, refer to Table 1 below.

Product Code: 106

Table 1: (PART NO. 10600_)



TECHNICAL DATA				
OD RANGE		THREAD	FISHING NECK	LENGTH
MIN	MAX			
.750	1.032	1/2" – 13	.688	5.94
			.750	6.00
1.062	1.281	5/8" – 11	1.000	6.62
1.296	1.468		1.187	8.00
1.500	1.730	15/16" – 10	1.375	9.50
1.750	2.140		1.750	
2.156	2.375		2.313	
2.406	2.750	1 1/16" – 10	3.125	12.00
2.760	2.906			
2.937	3.468			
3.484	4.328			
4.375	5.906			
5.937	6.687			
Large Sizes		Custom order only: – Threads, FN and Length		

NOTES: How to Order

1. Part Number is 10600x.xxx – 0 for less than 1.00"
2. All Gauge Rings are Part Numbered by 'OD' dimension to 3 decimal places +/- .002"

Metric Dimensions are to be marked to 3 decimal places Part Number is 10601xxxx

1 inch = 2.540 cm



SECTION II: SERVICE TOOLS

Type 'A' Tubing Swage: 1" - 7"

The **Rebco** Type 'A' Tubing Swage is engineered to expand or reform constricted areas within the tubing's internal diameter (ID), ensuring the free passage of wireline tools and sub-surface controls.

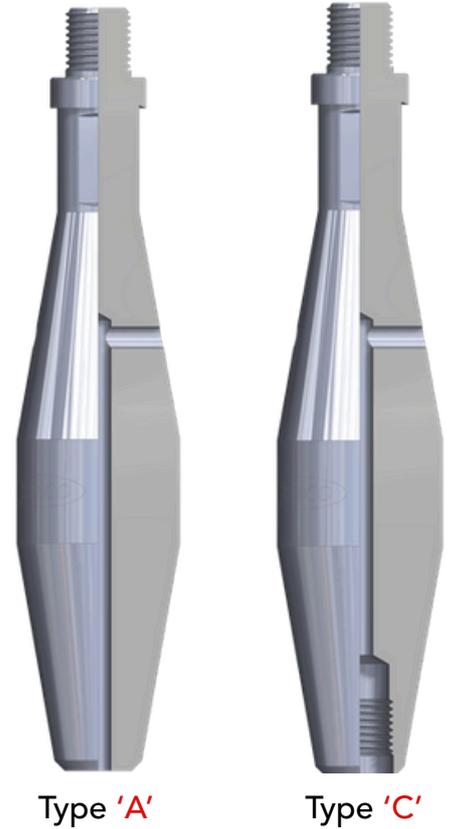
The tool features an outside diameter (OD) nearly equal to the tubing drift size, with tapered upper and lower ends to ease entry and exit. A central bore with lateral ports allows for efficient fluid bypass during operations.

Tubing Swage can be manufactured to any specific size within the nominal OD range. For available specifications, refer to Table 1 below.

Product Code: 107

Table 1: (PART NO. 10700_)

TECHNICAL DATA				
OD RANGE		THREAD	FISHING NECK	LENGTH
MIN	MAX			
.750	1.032	1/2" – 13	.688	7.30
			.750	
1.062	1.281	5/8" – 11	1.000	8.00
1.296	1.468			
1.500	1.730			
1.750	2.140	15/16" – 10	1.187	11.00
2.156	2.375		1.375	
2.406	2.750		1.750	
2.760	2.906		2.313	
2.937	3.468	1 1/16" – 10		15.00
3.484	4.328		3.125	
4.375	5.906			
5.937	6.687			
Large Sizes		Custom order only: – Threads, FN and Length		



NOTES: How to Order

1. Part Number is 10700x.xxx – 0 for less than 1.00"
2. All Tubing Swages are Part Numbered by 'OD' dimension to 3 decimal places +/- .002"

Metric Dimensions are to be marked to 3 decimal places Part Number is

10701xxxx
1 inch = 2.540 cm

NOTE: **Rebco** Type 'C' Tubing Swage (10702_) has additional Box Connection on the bottom.

If Box Connection is other than Pin Connection, please specify.



SECTION II: SERVICE TOOLS

Type 'A' Impression Block: 1" - 7"

The **Rebco** Type 'A' Impression Block is engineered to capture impressions of objects located within the tubing string.

A molded lead insert, secured by pins through the tool body, provides a smooth surface that records the shape and orientation of the obstruction. This allows operators to assess the fish's profile and position accurately before initiating retrieval operations.

Impression Blocks can be manufactured in custom sizes within the nominal outside diameter (OD) range. For available specifications, refer to Table 1 below.

Product Code: 108

Table 1: (PART NO. 10800_)



TECHNICAL DATA				
OD RANGE		THREAD	FISHING NECK	LENGTH
MIN	MAX			
.750	1.032	1/2" – 13	0.688	6.03
			0.750	
1.062	1.281	5/8" – 11	1.000	6.56
1.296	1.468			
1.500	1.730	15/16" – 10	1.187	8.00
1.750	2.140			
2.156	2.375	1 1/16" – 10	1.375	
2.406	2.750			
2.760	2.906		1.750	
2.937	3.468			
3.484	4.328		2.313	
4.375	5.906			
5.937	6.687		3.125	
Large Sizes		Custom order only: – Threads, FN and Length		

NOTES: How to Order

1. Part Number is 10800x.xxx – 0 for less than 1.00"
2. All Impression Blocks are Part Numbered by 'OD' dimension to 3 decimal places +/- .002"

Metric Dimensions are to be marked to 3 decimal places Part Number is 10801xxxx

1 inch = 2.540 cm

NOTE: **Rebco** can supply **Accessories** for re-pouring the Impression Blocks.



SECTION II: SERVICE TOOLS

Type 'A' Impression Block: **Accessory**

Accessory	Part No.
Lead Filler (Block)	108081
Lead Filler (Block)	108082

Reference:

Melting Point of Lead (Pb) is 327.5o C (621.5o F)



Pouring Ladle



Lead Filler (Block)



SECTION II: SERVICE TOOLS

Type 'CH' and Type 'CF' Hydrostatic Bailer Assembly: 1 3/16" – 3"

The **Rebco** Hydrostatic Bailer is engineered to remove sand and debris from the wellbore effectively.

The tool is sealed at the surface and runs into the well, with the body chamber maintained at atmospheric pressure. Upon reaching the target area, a downward jarring action shears the internal shear pin, allowing wellbore pressure to surge inward. This sudden pressure differential draws debris into the chamber.

As bottom-hole pressure equalizes within the tool body, a ball valve seats, sealing the chamber and securing the collected debris for safe retrieval to the surface.

Caution: The pressure should be bled-off before removing the bottom of the Bailer.

Product Code: 168

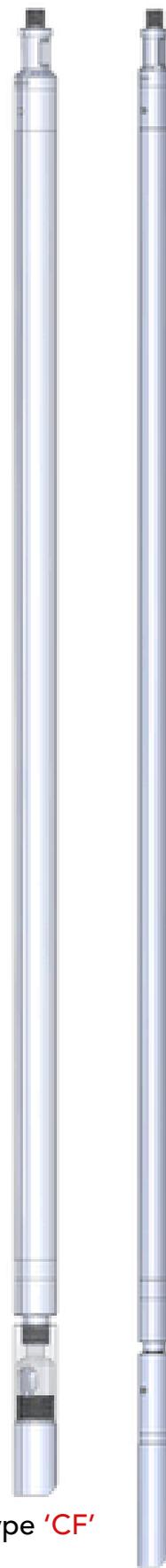
TECHNICAL DATA					
NOMINAL SIZE		1 3/16"	1 5/8"	1 3/4"	2"
ASSEMBLY NUMBER	Type 'CH' - Ball Bottom	168020611870	168020616200	168020617500	168020620000
	Type 'CF' - Flapper Bottom	168022511870	168022516200	168022517500	168022520000
	Add Type 'CFM' Bottom	168022509118	168022509162	168022509175	168022509200
ENGINEERING DATA:					
MAXIMUM OD	BODY	1 3/16"	1 5/8"	1 3/4"	1 3/4"
	SHOE	1.88"	1.71"	1.75"	2.22"
PIN THREAD CONNECTION		5/8" - 11	15/16" - 10	15/16" - 10	15/16" - 10
FISHING NECK OD		1.000"	1.375"	1.375"	1.375"
LENGTH		73.62"	81.0"	80.88"	80.88"
MATERIAL		Alloy	Alloy	Alloy	Alloy

ACCESSORIES:

Type 'A' Wrench for Shear Sub	1670011	1670011	1670011	1670011
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NOTE:

To convert Type 'CH' Hydrostatic Bailer (Ball Bottom) to Type 'CF' with Flapper Bottom remove and **ADD** Type 'CFM' Flapper Bottom Sub-Assembly (see Page II-12)



Type 'CF'

Type 'CH'



SECTION II: SERVICE TOOLS

Type 'CH' and Type 'CF' Hydrostatic Bailer Assembly:

Product Code: 168

TECHNICAL DATA

NOMINAL SIZE		2 1/4"	2 1/2"	3"
ASSEMBLY NUMBER	Type 'CH' - Ball Bottom	168020622500	168020625000	168020630000
	Type 'CF' - Flapper Bottom	16802252250	168022525000	168022530000
	Add Type 'CFM' Bottom	168022509225	168022509250	168022509300

ENGINEERING DATA:

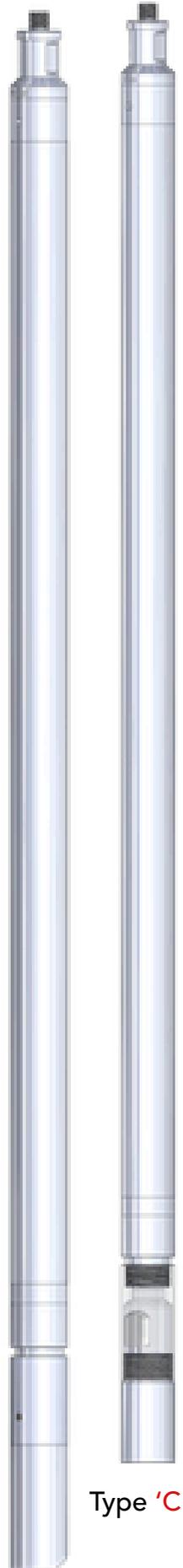
MAXIMUM OD	BODY	2 1/4"	2 1/2"	3"
	SHOE	2.25"	2.50"	3.00"
PIN THREAD CONNECTION		1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		1.750"	1.750"	2.313"
LENGTH		78.2"	80.25"	81.76"
MATERIAL		Alloy	Alloy	Alloy

ACCESSORIES:

Type 'A' Wrench for Shear Sub	1670011	1670011	1670011
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NOTE:

To convert Type 'CH' Hydrostatic Bailer (Ball Bottom) to Type 'CF' with Flapper Bottom remove and ADD Type 'CFM' Flapper Bottom Sub-Assembly (see Page II-12).



Type 'CF'

Type 'CH'



SECTION II: SERVICE TOOLS

Type 'SP' Sand Pump (Bailer) Assembly: 1 1/2" – 3"

The **Rebco** Type 'SP' Sand Pump (Bailer) is engineered to remove sand and debris from the wellbore efficiently.

This pump-type tool operates on the principle of a conventional lift pump with a piston mechanism. An optional bottom valve—available in ball or flapper configurations (see following pages)—allows debris to enter the barrel on the upstroke of the piston, trapping material for easy retrieval at surface.

For high-volume bailing operations, the Type 'SP' Sand Pump can be easily converted into a tandem configuration by adding a double-pin sub and an additional bottom barrel, increasing capacity and efficiency.

Product Code: 168

TECHNICAL DATA

NOMINAL SIZE	1 1/2"	1 3/4"	2"	2 1/8"
ASSEMBLY NUMBER	16814111500	16814111750	16814112000	16814112125

ENGINEERING DATA:

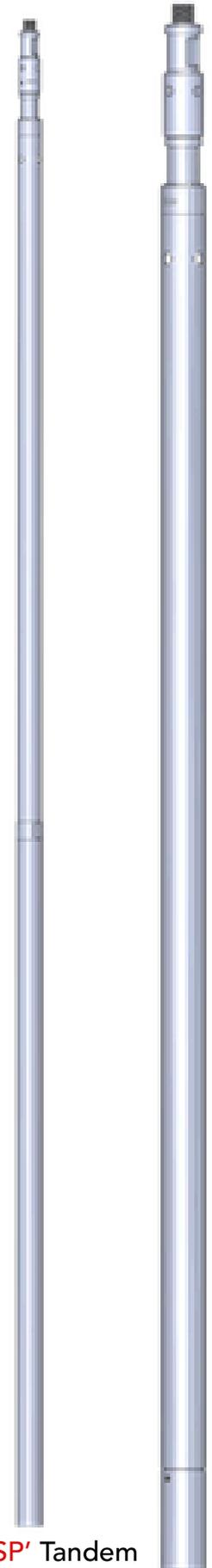
MAXIMUM OD	BODY	1.500"	1.750"	2"	2 1/8"
	SHOE	1.625"	1.750"	2.000"	2.125"
PIN THREAD CONNECTION		15/16" - 10	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		1.187"	1.375"	1.750"	1.750"
LENGTH		70.4"	74.17"	74"	74"
MATERIAL		Alloy	Alloy	Alloy	Alloy

Tandem Type 'SP' Sand Pump (Bailer) Assembly:

NOMINAL SIZE	1 1/2"	1 3/4"	2"	2 1/8"
ASSEMBLY NUMBER - TANDEM	16814111501	16814111751	16814112001	16814112121

ENGINEERING DATA:

LENGTH	124"	128.2"	135"	135"
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Type 'SP' Tandem

Type 'SP'



SECTION II: SERVICE TOOLS

Type 'SP' Sand Pump (Bailer) Assembly:

Product Code: 168

TECHNICAL DATA				
NOMINAL SIZE	2 1/4"	2 1/2"	3"	
ASSEMBLY NUMBER	16814112250	16814112500	16814113000	
ENGINEERING DATA:				
MAXIMUM OD	BODY	2 1/4"	2 1/2"	3"
	SHOE	2.250"	2.500"	3.000"
PIN THREAD CONNECTION		1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		1.750"	1.750"	1.750"
LENGTH		74.8"	74.86"	75.37"
MATERIAL		Alloy	Alloy	Alloy

Tandem Type 'SP' Sand Pump (Bailer) Assembly:

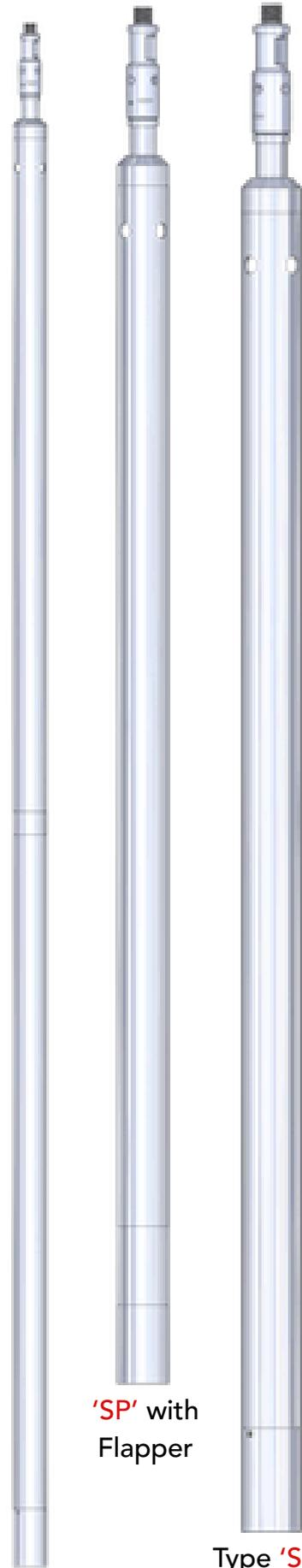
NOMINAL SIZE	2 1/4"	2 1/2"	3"	
ASSEMBLY NUMBER - TANDEM	16814112251	16814112501	16814113001	
ENGINEERING DATA:				
LENGTH		136.28"	136.34"	137.4"

NOTE: To convert Type 'SP' Sand Pump Bailer (Ball Bottom) to Type 'SF' with Flapper Bottom remove and **ADD** Type 'FM' Flapper Bottom Sub-Assembly (see Page II-12).

ASSEMBLY NUMBER REFERENCE: [1681425_SIZE](#)



Type 'FM' Bottom



'SP' with Flapper

Type 'SP' Tandem

Type 'SP'



SECTION II: SERVICE TOOLS

Type 'CD' Sampler (Drive Down) Bailer Assembly: 3/4" – 3"

The *Rebco* Type 'CD' Sampler (Drive Down) Bailer is engineered to collect samples of debris that have settled or bridged within the wellbore. By examining the recovered material, the operator can assess downhole conditions and determine the appropriate next steps in the wireline operation.

Two configurations are available:

- Type 'CD' – equipped with a **ball bottom shoe**
- Type 'CF' – equipped with a **flapper bottom shoe**

Below are standard sizes and lengths; however, custom configurations can be supplied to meet specific operational requirements.

Product Code: 168



TECHNICAL DATA					
NOM SIZE OD	ASSEMBLY NUMBER		LENGTH	CONNECTION	
	Type 'CD'	Type 'CF'		PIN THREAD	FISHING NECK
	BALL BOTTOM	FLAPPER BOTTOM			
3/4"	16802030750	16802250750	28 7/8"	1/2" - 13	.687"
1 1/4"	16802031251	16802251251	18 3/8"	15/16" - 10	1.187"
	16802031250	16802251250	24"		
1 1/2"	16802031500	16802251500	48.44"		1.375"
	16802031501	16802251501			
1 5/8"	16802031620	16802251620	36"		
	16802031621	16802251621	60"		
1 3/4"	16802031750	16802251750	36"		
	16802031751	16802251751	60"		
2"	16802032000	16802252000	36"		
2 1/8"	16802032120	16802252120			
2 1/4"	16802032250	16802252250	60"		
	16802032251	16802252251			
2 1/2"	16802032500	16802252500	36"	1 1/16" - 10	1.750"
	16802032505	16802252505	60"		
3"	16802033000	16802253000	36"		
	16802033005	16802253005	60"		



SECTION II: SERVICE TOOLS

Type 'FM' and Type 'HFM' Flapper Bottom Sub-Assemblies:

Product Code: 168

Type 'FM' Flapper Bottom Sub-Assembly for:

Type 'SF' Sand Pump, Single and Tandem

Type 'CF' Sampler (Drive Down)



Type 'FM'

Type 'HFM' Flapper Bottom Sub-Assembly for:

Type 'CF' Hydrostatic Bailer



Type 'HFM'



SECTION II: SERVICE TOOLS

Type 'DB' Dump Bailer Assembly: 1 3/4" – 3"

The *Rebco* Type 'DB' Dump Bailer is engineered to deliver fluids or solids directly onto a sub-surface device within the wellbore.

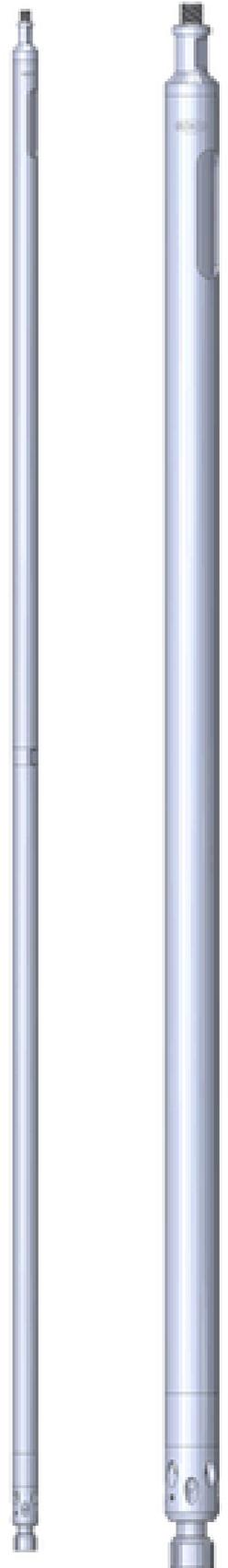
The tool is filled via a large port on the top (fill) barrel. Once positioned above the target device, a downward jarring action shears the shear pin, activating the shear plunger and rupturing the shear disc. This sequence releases the contents onto the sub-surface device.

If the volume needs to be increased, install a Connector Sub and Tandem Barrel.

Product Code: 168

TECHNICAL DATA					
NOMINAL SIZE		1 3/4"	2 1/4"	2 1/2"	3"
ASSEMBLY NUMBER		16803011750	16803012250	16803012500	16803013000
ENGINEERING DATA:					
MAXIMUM OD	BODY	1 3/4"	2 1/4"	2 1/2"	3"
	ANVIL SUB	1.38"	2.00"	2.00"	2.50"
PIN THREAD CONNECTION		15/16" - 10	15/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		1.375"	1.375"	1.750"	1.750"
LENGTH	Standard	73.06"	72.62"	72.3"	72.5"
	Tandem	134.5"	134.12"	133.8"	134"
MATERIAL		Alloy	Alloy	Alloy	Alloy

Rebco Type 'DB' Dump Bailers can be manufactured and supplied to suit any required application. It is recommended to specify type of medium to be carried down hole.



Tandem
Two Sections

Standard
One Section



SECTION II: SERVICE TOOLS

Type 'SO' Swabbing Mandrel Assembly: for 2 3/8" – 5 1/2" Tubing

Rebco Type 'SO' Swabbing Mandrel is used to manipulate the well fluid within the tubing in an effort to create upward flow.

CAUTION: Rebco Type 'SO' Swabbing Mandrel is intended for light duty swabbing as required by Slickline operations. The Mandrel has no internal mechanism for "dumping" of the fluid in case of excessive weight pulled.

The availability of Assemblies is not limited to the Tubing properties shown below.

Product Code: 168

TECHNICAL DATA				
NOMINAL SIZE		2 3/8"	2 7/8"	3 1/2"
ASSEMBLY NUMBER		16814202000	16814202500	16814203500
ENGINEERING DATA:				
MAXIMUM OD	FOR TUBING ID	1.995"	2.441"	2.995"
	NO-GO *	1.906"	2.343"	2.906"
	FOR TUBING WEIGHT	4.6 - 4.7 lbs/ft.	6.4 - 6.5 lbs/ft.	9.3 lbs/ft.
	BODY	1.75"	1.75"	1.75"
PIN THREAD CONNECTION		15/16" - 10	15/16" - 10	15/16" - 10
FISHING NECK OD		1.375"	1.375"	1.375"
LENGTH		23.3"	23.37"	24.8"
MATERIAL		Alloy	Alloy	Alloy

NO-GO is DriftSize for API Standard Weight Tubing

TECHNICAL DATA			
NOMINAL SIZE		4 1/2"	5 1/2"
ASSEMBLY NUMBER		16814204500	16814205500
ENGINEERING DATA:			
MAXIMUM OD	FOR TUBING ID	4.090"	4.950"
	NO-GO *	3.75"	4.50"
	FOR TUBING WEIGHT	9.5 lbs/ft.	15.5 lbs/ft.
	BODY	3.19"	3.19"
PIN THREAD CONNECTION		1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		2.313"	2.313"
LENGTH		24.78"	24.68"
MATERIAL		Alloy	Alloy

NOTE: CUPS SOLD SEPERATELY





SECTION II: SERVICE TOOLS

Type 'A', 'AD' and Type 'BO', 'BD' Wax Knife and Wire Brush: for 3/4" – 7" Tubing

Rebco Wax Knives and Wire Brushes are engineered to remove wax buildup, scale, and other debris from the tubing interior before deploying sub-surface devices.

The operator prepares both tools to suit the specific application:

- The Wax Knife utilizes slickline wire.
- The Wire Brush is assembled using multi-strand wire, secured with supplied set screws.

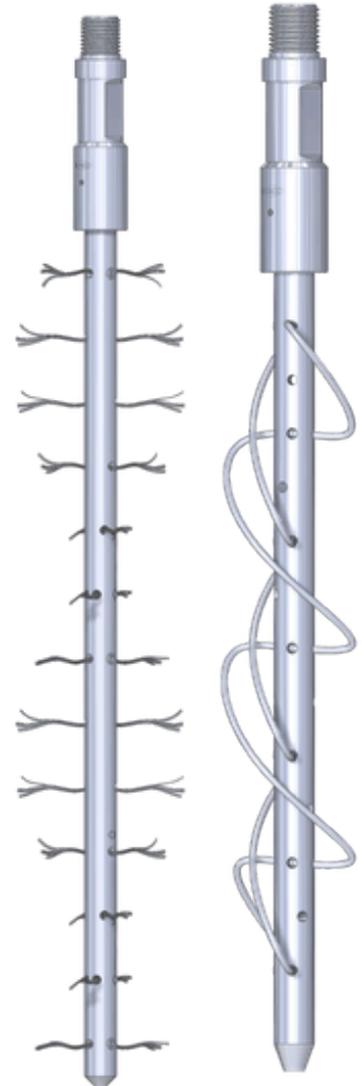
Note: Tools are supplied with pre-drilled holes:

- Wax Knives: 0.125"
- Wire Brushes: 3/16" to 1/4"

Wire is not supplied.

Product Code: 117

TECHNICAL DATA									
NOM SIZE OD	ASSEMBLY NUMBER				LENGTH	Threaded CONNECTION			
	Type 'A'	Type 'AD'	Type 'BO'	Type 'BD'		PIN THREAD	FISHING NECK		
	Wax Knife Threaded	Wax Knife with 'QLS'	Wire Brush Threaded	Wire Brush With 'QLS'					
3/4"	117000750	None	11701200750	None	16"	1/2" - 13	.687"		
1"	117001000	None	11701201000	None	18"	5/8" - 11	.750"		
1 1/4"	117001250	11700031250	11701201250	11701031250	20"	15/16" - 10	1.187"		
1 1/2"	117001500	11700031500	11701201500	11701031500			1.375"		
1 3/4"	117001750	11700031750	11701201750	11701031750					
1 7/8"	117001870	11700031870	11701201870	11701031870					
2"	117002000	11700032000	11701202000	11701032000			36"		
2 1/8"	117002120	11700032120	11701202120	11701032120	20"	1 1/16" - 10	1.750"		
2 1/4"	117002250	11700032250	11701202250	11701032250					
2 1/2"	117002251	11700032251	11701202251	11701032251				36"	
	117002500	11700032500	11701202500	11701032500				20"	
3"	117002501	11700032501	11701202501	11701032501				36"	
	117003000	11700033000	11701203000	11701033000				20"	
4 1/2"	117003001	11700033001	11701203001	11701033001				36"	
	117004500	11700034500	11701204500	11701034500				20"	2.313"
5 1/2"	117004501	11700034501	11701204501	11701034501				36"	
	7"	117005500	11700035500	11701205500				11701035500	
117005501		11700035501	11701205501	11701035501	36"	3.125"			



Type 'A'

Type 'B'



Top View



SECTION II: SERVICE TOOLS

Fishing Neck with 'QLS' not shown in the Assembly view

'QLS' (Quick Lock System) connections:

- 1 1/4" - with **Rebco's** 'RQLS', Single
- 1 1/2" and Larger - with **Rebco's** 'RQLD', Double

NOM SIZE OD - Sizes available for use in Tubing Size:

- | | |
|-----------------|----------------------------|
| 3/4" - 1" | for Coil Tubing |
| 1 1/4" | for 1 1/2" - 2" Tubing |
| 1 1/2" | for 2" - 2 1/2" Tubing |
| 1 3/4" - 1 7/8" | for 3" - 3 1/2" Tubing |
| 2" - 3" | for 4 1/2" - 5 1/2" Tubing |
| 4 1/2" - 7" | for 5 1/2" - 7" Tubing |



SECTION II: SERVICE TOOLS

Type 'CX' Check Set Tool Assembly: 2" – 5 1/2"

The *Rebco* Type 'CX' Check Set Tool is engineered to verify the proper setting of 'ROTX' and 'ROTXN' Lock Mandrels within their corresponding Landing Nipple profiles.

This tool ensures accurate placement and secure locking before proceeding with further operations.

Product Code: 41



TECHNICAL DATA

NOMINAL SIZE	2"	2 1/2"	3"	3 1/2"
For LOCK MANDREL SIZE	1.875"	2.313"	2.75"-2.87"	3.313"
ASSEMBLY NUMBER	4102181870	4102182310	4102183000	4102183310

ENGINEERING DATA:

MAXIMUM OD	1.81"	2.25"	2.72"	3.25"
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	1.375"	1.750"	2.313"	2.313"
LENGTH	14.63"	14.88"	15.04"	15.80"
MATERIAL	Alloy	Alloy	Alloy	Alloy

TECHNICAL DATA

NOMINAL SIZE	4 1/2"	5 1/2"
For LOCK MANDREL SIZE	3.813"	4.562"
ASSEMBLY NUMBER	4102183810	4102184560

ENGINEERING DATA:

MAXIMUM OD	3.75"	4.50"
PIN THREAD CONNECTION	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	2.313"	2.313"
LENGTH	16.14"	16.95"
MATERIAL	Alloy	Alloy





SECTION II: SERVICE TOOLS

Type 'CR' Check Set Tool Assembly: 2" – 5 1/2"

The *Rebco* Type 'CR' Check Set Tool is engineered to confirm the proper setting of 'ROTR' and 'ROTRN' Lock Mandrels within their corresponding Landing Nipple profiles.

This tool ensures the lock mandrel is correctly engaged and seated before proceeding with subsequent operations.

Product Code: 41

TECHNICAL DATA				
NOMINAL SIZE	2 1/16"	2"	2"	2"
For LOCK MANDREL SIZE	1.710"	1.788"	1.875"	2.125"
ASSEMBLY NUMBER	4102131710	4102131780	4102131870	4102132120
NOMINAL SIZE	2 1/2"	2 1/2"	3"	3 1/2"
For LOCK MANDREL SIZE	2.188"	2.313"	2.562"	3.437"
ASSEMBLY NUMBER	4102132180	4102132310	4102132560	4102133430

TECHNICAL DATA				
NOMINAL SIZE	4 1/2"	4 1/2"	5 1/2"	5 1/2"
For LOCK MANDREL SIZE	3.688"	3.813"	4.313"	4.562"
ASSEMBLY NUMBER	4102133680	4102133810	4102134310	4102134560

ENGINEERING DATA:				
MAXIMUM OD	3.62"	3.62"	4.28"	4.50"
PIN THREAD CONNECTION	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	2.313"	2.313"	2.313"	2.313"
LENGTH	15.53"	15.92"	16.14"	17.18"
MATERIAL	Alloy	Alloy	Alloy	Alloy

NOTE: For *Rebco* Type 'CX' and Type 'CR' Check Set Tools that are not listed, please inquire.





SECTION II: SERVICE TOOLS

TUBING DRIFTS:

Tubing drifts are tools used to verify the internal diameter (ID) of tubing or other cylindrical components installed during tubing completion. This is done by pulling a precisely machined drift—sometimes referred to as a "rabbit"—through the tubing to confirm unobstructed passage.

Rebco offers a variety of drift tools to suit different applications. The examples below are representative but not exhaustive. If a specific type is required, please provide a full description for custom options.

Drift Tool Types

- *Rebco* Type '**FD**' Drift is a 15" fluted bar stock drift with threaded Pin-to-Box connections and a fishing neck sized appropriately to the tool's nominal OD.
- *Rebco* Type '**FTD**' Drift is similar in design to the Type 'FD', this tool includes a 12" Teflon® fluted sleeve to reduce the risk of scarring or damaging coated tubing IDs. It also features threaded Pin-to-Box connections and a proper fishing neck.
- *Rebco* Type '**TA**' Drift is a 12" tubular drift with threaded Pin-to-Box connections and a fishing neck engineered for standard tubing applications.

Product Code: 163

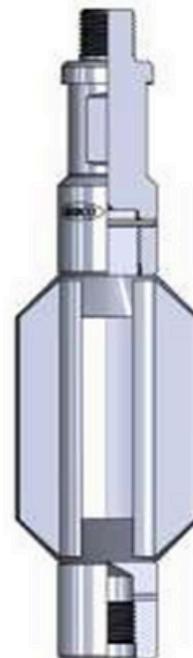
When Ordering Specify:

- OD - Outside Diameter, OD Size determines the Connections
- Type - of Drift product required

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Type 'FD'
(1632503_)



Type 'FTD'
(163251503_)



Type 'TA'
(1631500_)

Product Number, _ designates the Size which determines the Connection



SECTION II: SERVICE TOOLS

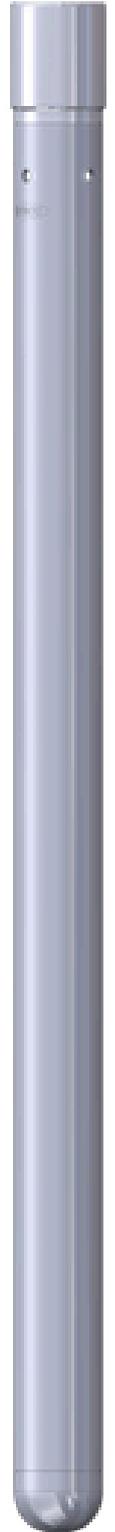
Type 'JB' Junk Basket – Valve Catcher: 2 3/8" – 4 1/2"

The **Rebco** Type 'JB' Junk Basket – Valve Catcher is engineered to be set in a No-Go type Landing Nipple, positioned directly below the Side Pocket Mandrel.

It is primarily used in gas lift operations during the changeout of gas lift or dummy valves. If a valve is accidentally dropped, the Catcher securely traps it, preventing damage to the equipment below.

The Junk Basket can also be installed above flow control devices to catch debris or foreign material that may fall around the system, offering added protection to the completion assembly.

Product Code: 163



TECHNICAL DATA

NOMINAL SIZE	2 3/8"	2 7/8"	2 7/8"	3 1/2"	4 1/2"
ASSEMBLY NUMBER	163070118730	163070122530	163070123130	163070127530	163070138130
NIPPLE SEAL BORE SIZE	1.875"	2.250"	2.313"	2.750"	3.813"

ENGINEERING DATA:

MAXIMUM OD	1.87"	2.20"	2.30"	2.73"	3.75"
ID of the BASKET	1.44'	1.75"	1.87"	2.25'	2.99"
FISHING NECK ID	1.38"	1.81'	1.81'	2.31'	3.12"
LENGTH	36.0"	36.0"	36.0"	36.0"	36.0"
MATERIAL *	Norm Alloy				

ACCESSORIES: PRODUCT CODE 40

RUNNING/PULLING TOOL ('ROTGS')	40051418700	40051423100	40051423100	40051427500	40051436804
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* Norm Alloy is suitable for H₂S Service(NACE MR-01-75, Latest Revision)

Junk Baskets are available in other Sizes and Models not shown. Please inquire.



SECTION II: SERVICE TOOLS

Type 'AO' Tubing End Locator Assembly: 1/2" – 5 1/2"

Rebco Type 'AO' Tubing End Locator is used to locate the lower end of the tubing so that its depth may be measured accurately.

The tool features a slotted body housing a spring-loaded finger, which is held in place by a shear pin. As the tool exits the lower end of the tubing, the finger extends to a perpendicular position, indicating the tubing has ended. The finger will not re-enter the tubing until the shear pin is released, ensuring a clear and reliable depth reference.

Product Code: 163

TECHNICAL DATA				
NOMINAL SIZE	1/2"	3/4"	7/8"	1"
ASSEMBLY NUMBER	16300204	16300208	16300201	16300202
ENGINEERING DATA:				
MAXIMUM OD	.50"	.75"	.88"	1.00"
PIN THREAD CONNECTION	3/8" - 16	1/2" - 13	5/8" - 11	5/8" - 11
FISHING NECK OD	None	.687"	.75"	.75"
BOTTOM THREAD CONNECTION	None	None	None	None
EXTENDED DIAMETER with FINGER	.95"	1.50"	1.94"	2.02"
LENGTH	8.0"	8.50"	8.50"	8.50"
MATERIAL	Alloy	Alloy	Alloy	Alloy



TECHNICAL DATA				
NOMINAL SIZE	2" - 2 1/2"	3" - 3 1/2"	4 1/2"	5 1/2" - 7"
ASSEMBLY NUMBER	16300203	163002011	163002012	163002013
ENGINEERING DATA:				
MAXIMUM OD	1.70"	2.00"	3.00"	3.46"
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	1.375"	1.375"	1.750"	2.313"
BOTTOM THREAD CONNECTION	1.375"	1.375"	1 1/16" - 10	1 1/16" - 10
EXTENDED DIAMETER with FINGER	3.05"	4.07"	4.59"	5.06"
LENGTH	11.5"	11"	11"	11"
MATERIAL	Alloy	Alloy	Alloy	Alloy



NOTE: Sampler Tube with Ball or Flapper bottom available - Specify OD and Length when ordering.



SECTION II: SERVICE TOOLS

Type 'ROTAO' Mechanical Tubing Perforator Assembly: 2 3/8" – 4 1/2"

Rebco Type 'ROTAO' Mechanical Tubing Perforator is used to perforate the tubing wall mechanically by manipulating the use of the Wireline Tool String.

Once set, progressive upward jarring force, the Punch penetrates the Tubing wall, thus creating the hole. At cycle end, the Punch is withdrawn to its starting position, triggering the safety locking mechanism, the Catch to lock the Perforator for safe removal.

Caution: Downward Jarring will break the Punch.

2" Type 'ROTAO' Mechanical Tubing Perforator Assembly

Product Code: 62

TECHNICAL DATA

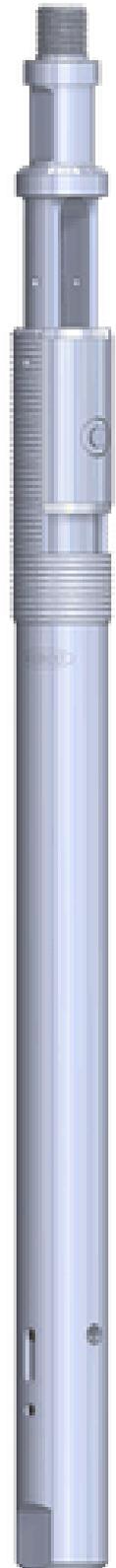
NOMINAL SIZE		2" (2 3/8")	
ASSEMBLY NUMBER		62002024	62002025
Reference: TUBING	Size	2 3/8"	2 3/8"
	Weight - (lbs/ft.)	4 - 4.7	5.3 - 5.9
	Minimum Tubing Drift	1.906"	1.773"

ENGINEERING DATA:

MAXIMUM OD	BODY	1.84"	1.72"
	EXTENDED PUNCH	2.25"	2.141"
THREAD CONNECTION PIN - BOX		15/16" - 10	15/16" - 10
FISHING NECK OD		1.375"	1.375"
LENGTH	CLOSED	27.03"	27.03"
	EXTENDED	38.81"	38.81"
	STROKE	11.78"	11.78"
HOLE SIZE		3/8" (.375")	3/8" (.375")
MATERIAL		Alloy	Alloy

ACCESSORIES:

PROTECTIVE CASE (Not Shown)		620002200
ANCHOR TYPES	COLLAR STOP - 'CS'	See this Section Page II-26
	SLIP STOP - 'TS'	





SECTION II: SERVICE TOOLS

Type 'ROTAO' Mechanical Tubing Perforator Assembly:

2 1/2" Type 'ROTAO' Mechanical Tubing Perforator Assembly

Product Code: 62

TECHNICAL DATA

NOMINAL SIZE	2 1/2" (2 7/8")		
ASSEMBLY NUMBER	62002011	62002020	
Reference: TUBING	Size	2 7/8"	2 7/8"
	Weight - (lbs/ft.)	7.9	6.4 - 6.5
	Minimum Tubing Drift	2.229"	2.347"

ENGINEERING DATA:

MAXIMUM OD	BODY	2.12"	2.20"
	EXTENDED PUNCH	2.688"	2.781"
THREAD CONNECTION PIN - BOX		15/16" - 10	15/16" - 10
FISHING NECK OD		1.375"	1.375"
LENGTH	CLOSED	29.62"	29.62"
	EXTENDED	44.31"	44.31"
	STROKE	14.69"	14.69"
HOLE SIZE		3/8" (.375")	3/8" (.375")
MATERIAL		Alloy	Alloy

ACCESSORIES:

PROTECTIVE CASE (Not Shown)		620002250
ANCHOR TYPES	COLLAR STOP - 'CS'	See this Section Page II-26
	SLIP STOP - 'TS'	





SECTION II: SERVICE TOOLS

Type 'ROTAO' Mechanical Tubing Perforator Assembly:

3 1/2" Type 'ROTAO' Mechanical Tubing Perforator Assembly

Product Code: 62



TECHNICAL DATA

NOMINAL SIZE	3 1/2"		
ASSEMBLY NUMBER	6200201	6200206	
Reference: TUBING	Size	3 1/2"	3 1/2"
	Weight - (lbs/ft.)	7.7 - 9.2	10.2 - 12.7
	Minimum Tubing Drift	2.797"	2.625"

ENGINEERING DATA:

MAXIMUM OD	BODY	2.69"	2.81"
	EXTENDED PUNCH	3.344"	3.344"
THREAD CONNECTION PIN - BOX		1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		2.313"	2.313"
LENGTH	CLOSED	33.50"	33.50"
	EXTENDED	51.81"	51.81"
	STROKE	18.31"	18.31"
HOLE SIZE		7/16" (.437")	7/16" (.437")
MATERIAL		Alloy	Alloy

ACCESSORIES:

PROTECTIVE CASE (Not Shown)		620002300
ANCHOR TYPES	COLLAR STOP - 'CS'	See this Section Page II-26
	SLIP STOP - 'TS'	

NOTE: it is recommended to have 3 of each as SPARES (DET 3 and 4) Not part of Re Dress Kit



SECTION II: SERVICE TOOLS

Type 'ROTAO' Mechanical Tubing Perforator Assembly:

4 1/2" Type 'ROTAO' Mechanical Tubing Perforator Assembly

Product Code: 62

TECHNICAL DATA			
NOMINAL SIZE		4 1/2"	
ASSEMBLY NUMBER		62002046	62002045
Reference: TUBING	Size	4 1/2"	4 1/2"
	Weight - (lbs/ft.)	11.6	12.6
	Minimum Tubing Drift	3.927"	3.833"
ENGINEERING DATA:			
MAXIMUM OD	BODY	3.66"	3.75"
	EXTENDED PUNCH	4.40"	4.37"
THREAD CONNECTION PIN - BOX		1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		2.313"	2.313"
LENGTH	CLOSED	31.83"	31.83"
	EXTENDED	46.47"	46.47"
	STROKE	14.64"	14.64"
HOLE SIZE		1/2" (.500")	1/2" (.500")
MATERIAL		Alloy	Alloy

ACCESSORIES:

PROTECTIVE CASE (Not Shown)		620002400
ANCHOR TYPES	COLLAR STOP - 'CS'	See this Section Page II-26
	SLIP STOP - 'TS'	

NOTE: it is recommended to have 3 of each as SPARES ([DET 3](#) and [4](#)) Not part of Re Dress Kit





SECTION II: SERVICE TOOLS

Anchor Type Stops Assemblies for Tubing Perforator: 2 3/8" – 4 1/2"

Rebco Type 'CS' and/or Type 'TS' Anchor Stops are designed to screw directly into the base of the Tubing Perforator, and as a unit, to be set at desired depth.

Product Code: 62

Type 'CS' Collar Stop Anchor Assemblies:

Rebco Type 'CS' Collar Stop Anchor is used in the Tubing as a Stop; screwed directly to the bottom of the Tubing Perforator, to be set and pulled as a unit.

TECHNICAL DATA				
NOMINAL SIZE	2" (2 3/8")	2 1/2" (2 7/8")	3 1/2"	4 1/2"
ASSEMBLY NUMBER	6202142000	6202142500	6202143500	6202144500
ENGINEERING DATA:				
MAXIMUM OD	1.75"	2.19"	2.75"	3.75"
PIN THREAD CONNECTION	15/16" - 10	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	1.375"	1.750"	2.313"	2.313"
LENGTH	10.72"	11.31"	11.81"	11.61"
MATERIAL	Alloy	Alloy	Alloy	Alloy

Special Collet OD for 3 1/2" Collar Stop Anchor that will pass through 2.750" Nipple is available.

Product Code: 62

Type 'TS' Slip Stop Anchor Assemblies:

Rebco Type 'TS' Slip Stop Anchor is used in the Tubing as a Stop; screwed directly to the bottom of the Tubing Perforator, to be set and pulled as a unit.

TECHNICAL DATA				
NOMINAL SIZE	2" (2 3/8")	2 1/2" (2 7/8")	3 1/2"	4 1/2"
ASSEMBLY NUMBER	6215142000	6215142500	6215143500	6215144500
ENGINEERING DATA:				
MAXIMUM OD - SET IN PLACE	1.998"	2.492"	3.05"	3.75"
PIN THREAD CONNECTION	15/16" - 10	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	1.375"	1.750"	2.313"	2.313"
LENGTH - SET IN PLACE	14.25"	14.15"	16.05"	17.8"
MATERIAL	Alloy	Alloy	Alloy	Alloy





SECTION II: SERVICE TOOLS

Type 'FO' Collar Stop Tool Assembly: 1 1/4" – 4 1/2"

The *Rebco* Type 'FO' Collar Stop Tool is engineered to set securely in both API upset and non-upset tubing collar recess.

The tool is run to the desired depth and then pulled upward to trip the springs, allowing the Collet to expand into the tubing collar. A downward jarring action on the fishing neck disengages the Running Tool while simultaneously locking the Collet into place.

A key feature of *Rebco's* Type 'FO' Collar Stop is its weld-free construction—the Collet is machined from a single piece of stock material for enhanced strength, reliability, and durability.

Product Code: 110



TECHNICAL DATA

NOMINAL SIZE	1 1/4"	1 1/2"	2 3/8"	2 7/8"
ASSEMBLY NUMBER	11025201	11025202	11025203	11025204

ENGINEERING DATA:

MAXIMUM OD	RUNNING POSITION	1.09"	1.31"	1.75"	2.19"
	SET POSITION	1.62"	1.88"	2.38"	2.81"
LENGTH	RUNNING LENGTH	13 3/4"	13 3/4"	14 1/8"	14 1/8"
	SET LENGTH	10.17"	10.19"	10.66"	10.61"
FISHING NECK		1.000"	1.000"	1.375"	1.750"
MIN ID		.47"	.62"	.88"	1.12"
MATERIAL		Alloy	Alloy	Alloy	Alloy
RUNNING TOOL	TYPE 'F'	41251	41251	41252	41252
	TYPE 'ROTSB'	4014011250	4014011250	4014012000	4014012500
PULLING TOOL	TYPE 'ROTJDC'	400703021370	400703021370	400703022000	400703022500



SECTION II: SERVICE TOOLS

Type 'FO' Tubing Slip Stop Tool Assembly:

TECHNICAL DATA				
NOMINAL SIZE		3 1/2" *	3 1/2"	4 1/2"
ASSEMBLY NUMBER		11025205	11025206	11025207
ENGINEERING DATA:				
MAXIMUM OD	RUNNING POSITION	2.68"	2.75"	3.75"
	SET POSITION	3.38"	3.38"	4.25"
FISHING NECK		2.313"	2.313"	2.313"
MIN ID		1.62"	1.62"	1.62"
MATERIAL		Alloy	Alloy	Alloy
RUNNING TOOL	TYPE 'F'	41253	41253	41253
	TYPE 'ROTSB'	4014013000	4014013000	4014013000
PULLING TOOL	TYPE 'ROTJDC'	400703023000	400703023000	400703023000

* Special OD Collar Stop to go through 2.750" Seal Bore Nipple



SECTION II: SERVICE TOOLS

Type 'SS' Tubing Slip Stop Assembly: 1 1/4" – 4 1/2"

Rebco Type 'SS' Tubing Slip Stop is designed to be set in the API or Premium Tubing.

The Slip Stop is lowered in the tubing to the desired depth; a rapid downward movement expands the Slips and sets the Stop. Downward jarring drives the serrated Slips against the tubing wall and releases the Running Tool.

Product code: 164

TECHNICAL DATA					
NOMINAL SIZE		1 1/4"	1 1/2"	1 3/4"	2 3/8"
ASSEMBLY NUMBER		16414141250	16414141500	16414141750	16414142000
ENGINEERING DATA:					
MAXIMUM OD	RUNNING POSITION	1.23"	1.56"	1.69"	1.83"
	SET POSITION	1.47"	1.66"	1.79"	1.998"
LENGTH	RUNNING LENGTH	16.1"	16.1"	16.1"	16.94"
	SET LENGTH	13.6"	13.6"	13.6"	14.25"
Reference: For Tubing ID		1.380" - 1.410"	1.610" - 1.650"	1.751"	1.867" - 1.995"
FISHING NECK		.875"	1.187"	1.187"	1.375"
MIN ID		.44"	.62"	.62"	.70"
MATERIAL		Alloy	Alloy	Alloy	Alloy
RUNNING TOOL	TYPE 'F'	4125201	41251	41251	4125200
	TYPE 'ROTSB'	4014011250	4014011501	4014011501	4014012000
PULLING TOOL	TYPE 'ROTJDC'	400703021250	400703021500	400703021500	400703022000



Note: If specific API specs are not met, please inquire for options.



SECTION II: SERVICE TOOLS

Type 'SS' Tubing Slip Stop Assembly:

TECHNICAL DATA				
NOMINAL SIZE		2 7/8"	3 1/2"	4 1/2"
ASSEMBLY NUMBER		16414142500	16414143500	16414144500
ENGINEERING DATA:				
MAXIMUM OD	RUNNING POSITION	2.25"	2.71"	3.62"
	SET POSITION	2.49"	3.06"	4.38"
LENGTH	RUNNING LENGTH	16.38"	17.98"	21.06"
	SET LENGTH	13.65"	15.23"	17.8"
Reference: For Tubing ID		2.44"	2.750" - 2.992"	3.6" - 4.38"
FISHING NECK		1.75"	2.313"	3.125"
MIN ID		1.04"	1.62"	2.35"
MATERIAL		Alloy	Alloy	Alloy
RUNNING TOOL	TYPE 'F'	4125250	4125350	4125450
	TYPE 'ROTSB'	4014012500	4014013000	4014014000
PULLING TOOL	TYPE 'ROTJDC'	400703022500	400703023000	400703024000

Note: If specific API specs are not met, please inquire for options.

