



SECTION I: TOOL STRING

2021

REBCO

Product Code: 100

Rebco ROPE SOCKETS provide means for connecting the Wireline to the Tool String.

Rebco offers variety of Rope Socket Types (Table - Availability), for specific applications and Wire types.

Alloy Material is used to manufacture **Rebco ROPE SOCKETS**. Materials suitable for specific well conditions are available.

Type of Rope Sockets: Availability Table

TYPE			ASSEMBLY PART NUMBER	DESCRIPTION	WIRE TYPE				
Thread	QLS *				Single Strand	Multi Strand	Single Conductor	Swabbing	Capsulated Line
	Single	Double							
			1000003-	Spring, Disc, Support	X	None			
	'AS'		1000014-						
'AO'			1000020-						
		'BD'	1000103-	Cone and Sleeve	X	None			
	'BS'		1000114-						
'BO'			1000120-						
		'CD'	1000203-	Releasing Slips	None	X	None		
	'CS'		1000214-						
'CO'			1000220-						
		'CGD'	100020503-	Releasing Slips with Swivel Bottom	None	X	None		
	'CGS'		100020514-						
'CGO'			100020520-						
'D'			10003-	Dummy	N/A				
	'DS'		1000314-						
		'DD'	1000303-						
'GO'			1000520-	Single Conductor	None		X	None	
		'HD'	1000603-	Heavy Duty	X	X	None		
	'HS'		1000614-						
'HO'			1000620-						
'RC'			1001302-	Clamp	X	X	None		X
'SA'			1001400-	1/2" to 9/16" Line	None			X	None
		'SD'	1001403-						
	'SS'		1001414-						

*QLS - Quick Lock System

'RQLS' Single

'RQLD' Double, Heavy Duty

X - Available

Note: When ordering, specify **Wire Type** and **Size**, and Material required if critical.

WIRE SIZE SELECTION TABLE:

WIRE SIZE	
'A'	Decimal
0	.105" - .108"
1	.140"
2	.160"
3	.150"
4	.187" (3/16")
5	.218" (7/32")

WIRE SIZE	
'A'	Decimal
6	.250" (1/4")
7	.312" (5/16")
8	.092"
9	.125"
10	Blank
11	.062" - .082"



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Type 'AO' Rope Sockets: 3/8" – 2 1/2"

Rebco Type 'AO' Rope Sockets are recommended to be used with .066" to .105" diameter Single Strand Wire.

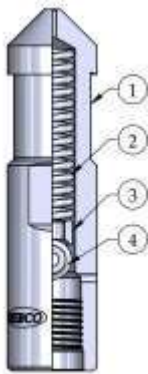
The Wireline should be passed through the Body, Spring and Support, before being wrapped tightly around the groove of the Disc.

NOMINAL SIZE	3/8"	1/2"	5/8"	3/4"	7/8"
ASSEMBLY NUMBER	10000200370	10000200500	10000200620	10000200750	10000200870

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO	PART NO
1	BODY	1					
2 *	SPRING	1	NONE	NONE	NONE		
3 *	SPRING SUPPORT	1	NONE	NONE	NONE		
4 *	SPOOL	1	NONE	NONE	NONE		
REDRESS KIT (* Included as part of Kit)			NONE	NONE	NONE		

ENGINEERING DATA:

FISHING NECK OD	.375	.500"	.500"	.687"	.750"
BOX THREAD CONNECTION	1/4" - 20	3/8" - 16	3/8" - 16	1/2" - 13	5/8" - 11
MAXIMUM OD	.38"	.50"	.63"	.75"	.88"
LENGTH	4.06"	4.50"	4.50"	3.12"	3.12"
MATERIAL	Alloy	Alloy	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	.5 (.22)	.6 (.27)	.7 (.32)	1.2 (.54)	1.2 (.54)



NOMINAL SIZE	1"	1 1/4"	1 1/2"	1 3/4"	1 7/8"
ASSEMBLY NUMBER	10000201000	10000201250	10000201500	10000201750	10000201870

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO	PART NO
1	BODY	1					
2 *	SPRING	1					
3 *	SPRING SUPPORT	1					
4 *	SPOOL	1					
REDRESS KIT (* Included as part of Kit)							

ENGINEERING DATA:

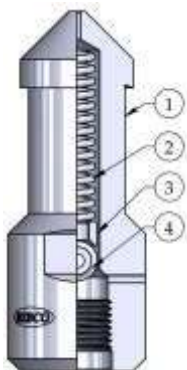
FISHING NECK OD	1.000"	1.187"	1.375"	1.750"	1.750"
BOX THREAD CONNECTION	5/8" - 11	15/16" - 10	15/16" - 10	1 1/16" - 10	1 1/16" - 10
MAXIMUM OD	1.00"	1.25"	1.38"	1.75"	1.88"
LENGTH	6.88"	5.56"	5.56"	5.56"	5.56"
MATERIAL	Alloy	Alloy	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	1.2 (.54)	1.2 (.54)	1.6 (.73)	2.8 (1.27)	2.8 (1.27)

NOMINAL SIZE	2"	2 1/8"	2 1/4"	2 1/2"
ASSEMBLY NUMBER	10000202000	10000202120	10000202250	10000202500

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO
1	BODY	1				
2 *	SPRING	1				
3 *	SPRING SUPPORT	1				
4 *	SPOOL	1				
REDRESS KIT (* Included as part of Kit)						

ENGINEERING DATA:

FISHING NECK OD	1.750"	1.750"	1.750"	2.313"
BOX THREAD CONNECTION	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10	1 9/16" - 10
MAXIMUM OD	2.00"	2.12"	2.25"	2.50"
LENGTH	5.56"	5.56"	5.56"	6.50"
MATERIAL	Alloy	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	3.0 (1.36)	3.4 (1.54)	4.1 (1.86)	4.9 (2.22)



Note: 3/8" and 1/2" Type 'AO' Rope Sockets are offered with Set Screws Only



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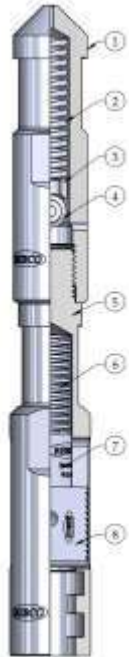
2021

REBCO

Type 'AD' Rope Sockets: 1 1/2" – 2 1/2"

Rebco Type 'AD' Rope Sockets are recommended to be used with .066" to .125" diameter Single Strand Wire.

Type 'AD' Rope Sockets is made up of Type 'AO' Rope Socket Assembly and 'RQLD' Bottom Sub-Assembly.

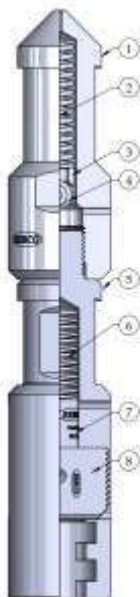


NOMINAL SIZE	1 1/2"	1 3/4"	1 7/8"
ASSEMBLY NUMBER	10000031500	10000031750	10000031870

DET	PART NAME	QTY	PART NO	PART NO	PART NO
1	BODY	1			
2 *	SPRING	1			
3 *	SPRING SUPPORT	1			
4 *	SPOOL	1			
REDRESS KIT (* Included as part of Kit)					
SUB-ASSEMBLY - 'RQLD' FEMALE			10403201500	10403201750	10403201870
5	BODY - Female	1			
6	SPRING	1			
7	GUIDE	1			
8	LOCK	1			

ENGINEERING DATA:

FISHING NECK OD	1.375"	1.750"	1.750"
BOX CONNECTION	'RQLD'	'RQLD'	'RQLD'
MAXIMUM OD	1.38"	1.75"	1.88"
LENGTH	12.16"	12.16"	12.16"
MATERIAL	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	5.1 (2.31)	5.8 (2.63)	6.6 (2.99)



NOMINAL SIZE	2"	2 1/8"	2 1/2"
ASSEMBLY NUMBER	10000032000	10000032120	10000032500

DET	PART NAME	QTY	PART NO	PART NO	PART NO
1	BODY	1			
2 *	SPRING	1			
3 *	SPRING SUPPORT	1			
4 *	SPOOL	1			
REDRESS KIT (* Included as part of Kit)					
SUB-ASSEMBLY - 'RQLD' FEMALE			10403202000	10403202120	10403202500
5	BODY - Female	1			
6	SPRING	1			
7	GUIDE	1			
8	LOCK	1			

ENGINEERING DATA:

FISHING NECK OD	1.750"	1.750"	2.313"
BOX CONNECTION	'RQLD'	'RQLD'	'RQLD'
MAXIMUM OD	2.00"	2.12"	2.50"
LENGTH	12.16"	12.16"	12.16"
MATERIAL	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	6.0 (2.72)	7.7 (3.49)	11.2 (5.08)



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Type 'BO' Rope Socket Assembly: 3/4" – 2 1/2"

Rebco Type 'BO' Rope Socket (Single Strand) is used to attach the wire to the tool string.

The wire should be passed through the Body and the Sleeve, wrap the wire around the groove of the Cone; tighten the Set Screw. Draw on Wire to pull the Sleeve into the Body.

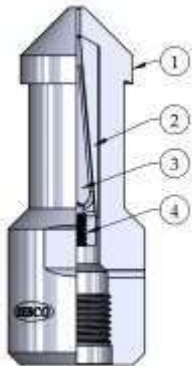


NOMINAL SIZE	3/4"	1"	1 1/4"	1 1/2"	1 3/4"
ASSEMBLY NUMBER	10001200750	10001201000	10001201250	10001201500	10001201750

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO	PART NO
1	BODY	1					
2 *	SLEEVE	1					
3 *	CONE	1					
4 *	SET SCREW	1					
REDRESS KIT (* Included as part of Kit)							

ENGINEERING DATA:

FISHING NECK OD	.687"	1.000"	1.187"	1.375"	1.750"
BOX THREAD CONNECTION	1/2" - 13	5/8" - 11	15/16" - 10	15/16" - 10	1 1/16" - 10
MAXIMUM OD	.75"	1.00"	1.25"	1.38"	1.75"
LENGTH	3.12"	6.88"	5.56"	5.56"	5.56"
MATERIAL	Alloy	Alloy	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	.8 (.36)	1.0 (.45)	1.2 (.54)	1.6 (.73)	2.8 (1.27)



NOMINAL SIZE	1 7/8"	2 1/8"	2 1/4"	2 1/2"	2 1/2"
ASSEMBLY NUMBER	10001201870	10001202120	10001202250	10001202500	10001202501

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO	PART NO
1	BODY	1					
2 *	SLEEVE	1					
3 *	CONE	1					
4 *	SET SCREW	1					
REDRESS KIT (* Included as part of Kit)							

ENGINEERING DATA:

FISHING NECK OD	1.750"	1.750"	1.750"	2.313"	2.313"
BOX THREAD CONNECTION	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10	1 9/16" - 10	1 1/16" - 10
MAXIMUM OD	1.88"	2.12"	2.25"	2.50"	2.50"
LENGTH	5.56"	5.56"	5.56"	6.50"	6.50"
MATERIAL	Alloy	Alloy	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	2.8 (1.27)	3.4 (1.54)	5.8 (2.63)	6.2 (2.81)	6.2 (2.81)

Note: Specify Wire Size when ordering.
See Selection Table for Wire Sizes



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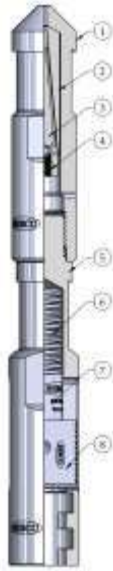
2021

REBCO

Type 'BD' Rope Sockets: 1 1/2" – 2 1/2"

Rebco Type 'BD' Rope Sockets are recommended to be used with up to .125" diameter Single Strand Wire.

Type 'BD' Rope Sockets is made up of Type 'BO' Rope Socket Assembly and 'RQLD' Bottom Sub-Assembly.

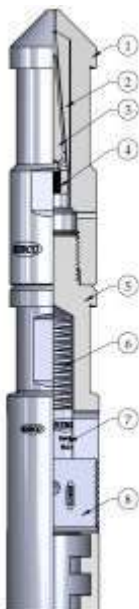


NOMINAL SIZE	1 1/2"	1 3/4"	1 7/8"
ASSEMBLY NUMBER	10001031500	10001031750	10001031870

DET	PART NAME	QTY	PART NO	PART NO	PART NO
1	BODY	1			
2 *	SLEEVE	1			
3 *	CONE	1			
4 *	SET SCREW	1			
REDRESS KIT (* Included as part of Kit)					
SUB-ASSEMBLY - 'RQLD' FEMALE			10403201500	10403201750	10403201870
5	BODY - Female	1			
6	SPRING	1			
7	GUIDE	1			
8	LOCK	1			

ENGINEERING DATA:

FISHING NECK OD	1.375"	1.750"	1.750"
BOX CONNECTION	'RQLD'	'RQLD'	'RQLD'
MAXIMUM OD	1.38"	1.75"	1.88"
LENGTH	12.16"	12.16"	12.16"
MATERIAL	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	5.1 (2.31)	5.5 (2.49)	6.6 (2.99)



NOMINAL SIZE	2 1/8"	2 1/2"
ASSEMBLY NUMBER	10001032120	10001032500

DET	PART NAME	QTY	PART NO	PART NO
1	BODY	1		
2 *	SLEEVE	1		
3 *	CONE	1		
4 *	SET SCREW	1		
REDRESS KIT (* Included as part of Kit)				
SUB-ASSEMBLY - 'RQLD' FEMALE			10403202120	10403202500
5	BODY - Female	1		
6	SPRING	1		
7	GUIDE	1		
8	LOCK	1		

ENGINEERING DATA:

FISHING NECK OD	1.750"	2.313"
BOX CONNECTION	'RQLD'	'RQLD'
MAXIMUM OD	2.12"	2.50"
LENGTH	12.16"	12.16"
MATERIAL	Alloy	Alloy
WEIGHT lbs (kg)	7.5 (3.40)	12.5 (5.67)



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REBCO

Type 'CO' Rope Sockets: 1 1/4" – 2 1/2"

Rebco Type 'CO' Rope Sockets are designed for use with small stranded lines, up to 5/16" diameter.

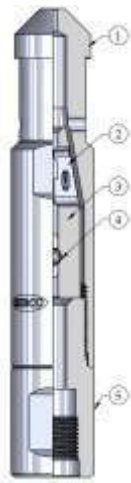
Type 'CO' Rope Sockets is made up of Body, Bottom Sub, Carriage, Slips and Set Screw.

The Slips are designed to cause the line to break under severe loading at a specific percentage of the full line tensile strength.

If during the downhole operations the Tool String gets stuck, the operator is assured that the line will break at the Rope Socket, rather than up-hole, allowing retrieval of the Wireline.

Wire Size and Slips (80 %, most common), need to be specified at the time of order.

Type 'CD' Rope Sockets are available - with 'QLS' **Rebco** 'RQLD' bottom connection.



NOMINAL SIZE	1 1/4"	1 1/2"	1 3/4"
ASSEMBLY NUMBER *	1000220125_	1000220150_	1000220175_

DET	PART NAME	QTY	PART NO	PART NO	PART NO
1	BODY	1			
2 *	SLIPS (80 %)	2			
3 *	CARRIAGE	1			
4 *	SET SCREW	1			
5	BOTTOM SUB	1			
REDRESS KIT (* Included as part of Kit)					

ENGINEERING DATA:

FISHING NECK OD	1.375"	1.375"	1.750"
BOX CONNECTION	15/16" - 10	15/16" - 10	1 1/16" - 10
MAXIMUM OD	1.25"	1.50"	1.75"
LENGTH	8.50"	8.50"	8.50"
MATERIAL	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	3.6 (1.63)	4.0 (1.81)	4.7 (2.13)

* Assembly Number is determined by Wire Size, See Wire Size Chart



NOMINAL SIZE	1 7/8"	2 1/8"	2 1/2"
ASSEMBLY NUMBER *	1000220187_	1000220212_	1000220250_

DET	PART NAME	QTY	PART NO	PART NO	PART NO
1	BODY	1			
2 *	SLIPS (80 %)	2			
3 *	CARRIAGE	1			
4 *	SET SCREW	1			
5	BOTTOM SUB	1			
REDRESS KIT (* Included as part of Kit)					

ENGINEERING DATA:

FISHING NECK OD	1.750"	1.750"	2.313"
BOX CONNECTION	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10
MAXIMUM OD	1.88"	2.12"	2.50"
LENGTH	8.50"	8.50"	8.50"
MATERIAL	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	4.8 (2.18)	5.9 (2.68)	10.3 (4.67)

* Assembly Number is determined by Wire Size, See Wire Size Chart



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Type 'CGO' Rope Socket Assembly: 1 1/2" - 1 7/8"

Rebco Type 'CGO' Rope Sockets are designed for use with small stranded lines, up to 1/4" diameter. Similar in design as **Rebco** Type 'CO' Rope Sockets, the Tool has an additional swivel bottom.

Type 'D' Dummy Rope Socket Assembly: 1 1/4" - 2 1/2"

Rebco Type 'D' Dummy Rope Sockets are available with threaded or **QLS** Connections.

The advantage of this tool is that it can be attached to other types of tools with Pin connection for variety of Wireline applications.



NOM SIZE	CONNECTION				ENGINEERING			
	THREADED	PART NUMBER	QLS	PART NUMBER	LENGTH		MAX OD	FN
					THREAD	QLS		
1 1/4"	15/16" - 10	100035	'RQLS'	10003145	5.56"	6.6"	1.25"	1.187"
1 1/2"	15/16" - 10	100036	'RQLD'	10003036	5.56"	6.6"	1.50"	1.375"
1 3/4"	1 1/16" - 10	100037	'RQLD'	10003037	5.56"	6.6"	1.75"	1.750"
1 7/8"	1 1/16" - 10	1000315	'RQLD'	100030315	5.56"	6.6"	1.88"	1.750"
2 1/8"	1 1/16" - 10	1000324	'RQLD'	100030324	5.56"	6.6"	2.12"	1.750"
2 1/2"	1 9/16" - 10	1000325	'RQLD'	100030325	6.50"	6.6"	2.50"	2.313"

Sizes not listed are available.

Additional Types of Rope Sockets available:

Type 'GO' Rope Socket Assembly: 1000520_
Single Conductor Cable Head

Type 'RC' Rope Socket Assembly: 1001302_
For Capsulated Line

Type 'SA' Rope Socket Assembly: 1001400_
Swabbing Rope Sockets for Babbitt fill



'GO'



'RC'



'SA'