



SECTION IV: PULLING TOOLS	2021
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REBCO

Product Code: 40

A - SHEAR DOWN PULLING TOOLS for EXTERNAL FISHING NECK:

Rebco offers two **Types** of designs for the **Shear down Pulling Tools: 'ROTJD'** and **'ROTS'**

Both Pulling Tool types are designed to run and retrieve sub-surface equipment with external fishing neck. The tools can be released by jarring down.

Type 'ROTJDC' Pulling Tool (Short Reach) Assembly: 1 1/4" – 4.00"



NOMINAL SIZE	1 1/4"	1 3/8"
ASSEMBLY NUMBER	400703021250	400703021370

DET	PART NAME	QTY	PART NO	PART NO
1	TOP SUB	1		
2	CORE CAP	1		
3	CORE SPRING	1		
4	CORE	1		
5	SPRING RETAINER	1		
6	SHEAR PIN COVER	1		
7 *	SHEAR PIN	1		
8	DOG SPRING	1		
9 *	DOG	1		
10 *	PAWL	2		
11	SKIRT	1		
REDRESS KIT (* Included as part of Kit)				

ENGINEERING DATA:

MAXIMUM OD	1.29"	1.38"	
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	
FISHING NECK OD	1.187"	1.187"	
BOTTOM THREAD (PRONG)	1/4" - 20	1/4" - 20	
WILL ENGAGE FISHING NECK OD	.875"	1.000"	
REACH	1.93"	1.83"	
LENGTH	13.89"	13.99"	
MATERIAL	Alloy	Alloy	
WEIGHT lbs (kg)	3.4 (1.55)	3.7 (1.70)	
ACCESSORIES	PINNING TOOL ASS'Y	16711002	16711002
	CORE WRENCH	167022	167022

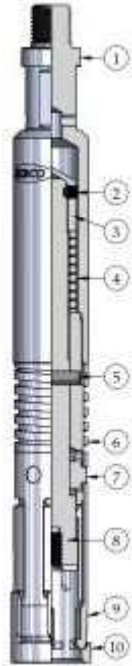


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Type 'ROTJDC' Pulling Tool (Short Reach) Assembly: Continued



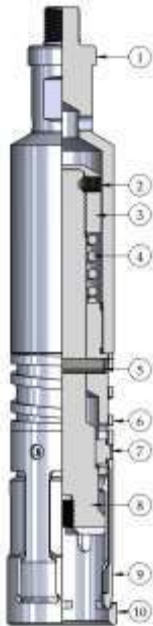
NOMINAL SIZE	1 1/2"	1 5/8"	2"	2 1/2"
ASSEMBLY NUMBER	400703021500	400703021620	400703022000	400703022500

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO
1	TOP SUB	1				
2 *	SET SCREW	1				
3	CORE CAP	1				
4	CORE SPRING	1				
5 *	SHEAR PIN	1				
6	DOG SPRING	1				
7 *	PAWL	Noted	(2)	(2)	(3)	(3)
8	CORE	1				
9 *	DOG	1				
10	SKIRT	1				
REDRESS KIT (* Included as part of Kit)						

ENGINEERING DATA:

MAXIMUM OD	1.42"	1.62"	1.86"	2.25"
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	15/16" - 10	15/16" - 10
FISHING NECK OD	1.187"	1.187"	1.375"	1.375"
BOTTOM THREAD (PRONG)	1/4" - 20	1/4" - 20	1/2" - 13	1/2" - 13
WILL ENGAGE FISHING NECK OD	1.187"	1.187"	1.375"	1.750"
REACH	1.09"	1.09"	1.61"	1.26"
LENGTH	14.0"	14.0"	15.4"	15.8"
MATERIAL	Alloy	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	3.9 (1.80)	4.3 (1.95)	6.8 (3.1)	10 (4.53)
ACCESSORIES	PINNING TOOL ASS'Y	16711004	16711004	16711004
	CORE WRENCH	167024	167024	167024

NOMINAL SIZE	3"	3"	4"
ASSEMBLY NUMBER	400703023000	400703023002	400703024000



DET	PART NAME	QTY	PART NO	PART NO	PART NO
1	TOP SUB	1			
2 *	SET SCREW	1			
3	CORE CAP	1			
4	CORE SPRING	1			
5 *	SHEAR PIN	1			
6	DOG SPRING	1			
7 *	PAWL	Noted	(3)	(3)	(4)
8	CORE	1			
9 *	DOG	1			
10	SKIRT	1			
11	SHEAR PIN COVER (NS)	1			
REDRESS KIT (* Included as part of Kit)					

ENGINEERING DATA:

MAXIMUM OD	2.81"	2.81"	3.75"
PIN THREAD CONNECTION	15/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD	1.750"	1.750"	2.313"
BOTTOM THREAD (PRONG)	5/8" - 11	5/8" - 11	1 1/4" - 12
WILL ENGAGE FISHING NECK OD	2.313"	2.313"	3.125"
REACH	1.53"	1.53"	2.31"
LENGTH	15.94"	15.94"	20.06"
MATERIAL	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	15.1 (6.9)	15.1 (6.9)	34.2 (15.5)
ACCESSORIES	PINNING TOOL ASS'Y	16711005	16711005
	CORE WRENCH	167025	167025

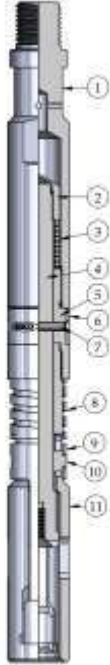


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Type 'ROTJDS' Pulling Tool (Medium Reach) Assembly: 1 1/4" – 4.00"



NOMINAL SIZE	1 1/4"	1 3/8"
ASSEMBLY NUMBER	400703141250	400703141370

DET	PART NAME	QTY	PART NO	PART NO
1	TOP SUB	1		
2	CORE CAP	1		
3	CORE SPRING	1		
4	CORE	1		
5	SPRING RETAINER	1		
6	SHEAR PIN COVER	1		
7 *	SHEAR PIN	1		
8	DOG SPRING	1		
9 *	DOG	1		
10 *	PAWL	2		
11	SKIRT	1		
REDRESS KIT (* Included as part of Kit)				

ENGINEERING DATA:

MAXIMUM OD	1.29"	1.38"	
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	
FISHING NECK OD	1.187"	1.187"	
BOTTOM THREAD (PRONG)	1/4" - 20	1/4" - 20	
WILL ENGAGE FISHING NECK OD	.875"	1.000"	
REACH	2.77"	2.58"	
LENGTH	13.89"	13.99"	
MATERIAL	Alloy	Alloy	
WEIGHT lbs (kg)	3.4 (1.55)	3.7 (1.70)	
ACCESSORIES	PINNING TOOL ASS'Y	16711002	16711002
	CORE WRENCH	167022	167022



NOMINAL SIZE	1 1/2"	1 5/8"	2"	2 1/2"
ASSEMBLY NUMBER	400703141500	400703141620	400703142000	400703142500

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO
1	TOP SUB	1				
2 *	SET SCREW	1				
3	CORE CAP	1				
4	CORE SPRING	1				
5 *	SHEAR PIN	1				
6	DOG SPRING	1				
7 *	PAWL	Noted	(2)	(2)	(3)	(3)
8	CORE	1				
9 *	DOG	1				
10	SKIRT	1				
REDRESS KIT (* Included as part of Kit)						

ENGINEERING DATA:

MAXIMUM OD	1.42"	1.62"	1.86"	2.25"
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	15/16" - 10	15/16" - 10
FISHING NECK OD	1.187"	1.187"	1.375"	1.375"
BOTTOM THREAD (PRONG)	1/4" - 20	1/4" - 20	1/2" - 13	1/2" - 13
WILL ENGAGE FISHING NECK OD	1.187"	1.187"	1.375"	1.750"
REACH	1.84"	1.84"	2.26"	2.12"
LENGTH	14.0"	14.0"	15.4"	15.8"
MATERIAL	Alloy	Alloy	Alloy	Alloy
WEIGHT lbs (kg)	3.9 (1.80)	4.3 (1.95)	6.8 (3.1)	10 (4.53)
ACCESSORIES	PINNING TOOL ASS'Y	16711004	16711004	16711004
	CORE WRENCH	167024	167024	167024



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REBCO

Type 'ROTJDS' Pulling Tool (Medium Reach) Assembly: Continued

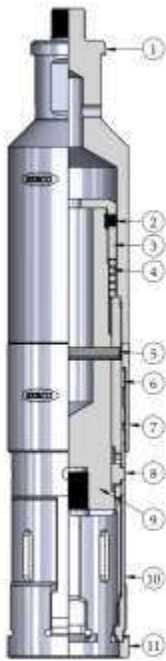


NOMINAL SIZE	3"	4"
ASSEMBLY NUMBER	400703143000	400703144000

DET	PART NAME	QTY	PART NO	PART NO
1	TOP SUB	1		
2 *	SET SCREW	1		
3	CORE CAP	1		
4	CORE SPRING	1		
5 *	SHEAR PIN	1		
6	DOG SPRING	1		
7	SHEAR PIN COVER	Noted	NONE	(1)
8 *	PAWL	Noted	(3)	(4)
9	CORE	1		
10 *	DOG	1		
11	SKIRT	1		
REDRESS KIT (* Included as part of Kit)				

ENGINEERING DATA:

MAXIMUM OD	2.81"	3.75"	
PIN THREAD CONNECTION	15/16" - 10	1 1/16" - 10	
FISHING NECK OD	1.750"	2.313"	
BOTTOM THREAD (PRONG)	5/8" - 11	1 1/4" - 12	
WILL ENGAGE FISHING NECK OD	2.313"	3.125"	
REACH	2.27"	3.37"	
LENGTH	15.94"	20.06"	
MATERIAL	Alloy	Alloy	
WEIGHT lbs (kg)	15.1 (6.9)	34.2 (15.5)	
ACCESSORIES	PINNING TOOL ASS'Y	16711005	16711006
	CORE WRENCH	167025	167026



4" 'ROTJDS'

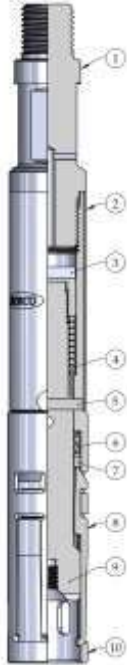


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REBCO

Type 'ROTSB' Pulling Tool (Short Reach) Assembly: 1" – 4.00"

Rebco Type 'ROTSB' Pulling Tool is designed to run and retrieve sub surface equipment with external fishing neck. The tool can be released by jarring down.



NOMINAL SIZE	1"	1 1/4"	1 1/2"	1 1/2"
ASSEMBLY NUMBER	4014011000	4014011250	4014011500	4014011501

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO
1	TOP SUB	1				
2	SHEAR PIN RETAINER	1				
3	CORE NUT	1				
4	CYLINDER SPRING	1				
5 *	SHEAR PIN	1				
6	DOG SPRING	1				
7	WASHER	1				
8 *	DOGS	3				
9	CORE	1				
10	CYLINDER	1				
REDRESS KIT (* Included as part of Kit)						

ENGINEERING DATA:

MAXIMUM OD	.927	1.25"	1.43"	1.43"	
PIN THREAD CONNECTION	5/8" - 11	5/8" - 11	15/16" - 10	15/16" - 10	
FISHING NECK OD	.687"	1.000"	1.187"	1.187"	
BOTTOM THREAD (PRONG)	1/4" - 20	3/8" - 16	3/8" - 16	3/8" - 16	
WILL ENGAGE FISHING NECK OD	.687"	1.000"	1.187"	1.187"	
REACH	1.00"	1.22"	.69"	1.3"	
LENGTH	10.3"	14.5"	11.88"	11.88"	
MATERIAL	Alloy	Alloy	Alloy	Alloy	
WEIGHT lbs (kg)	2.1 (.95)	2.8 (1.27)	4.1 (1.88)	3.6 (1.63)	
ACCESSORIES	PINNING TOOL ASS'Y	16711002	16711003	16711003	16711003
	RELEASING TOOL	1670011	167004	167004	167004
	CORE WRENCH	167026	167026	167023	167023
	CORE NUT WRENCH	167013	167013	167012	167012

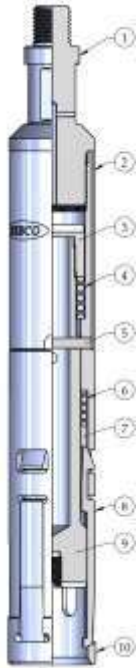


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Type 'ROTSB' Pulling Tool (Short Reach) Assembly: Continued



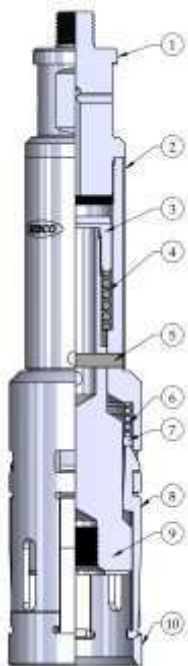
NOMINAL SIZE	2"	2 1/2"	3"	3"
ASSEMBLY NUMBER	4014012000	4014012500	4014013001	4014013000

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO
1	TOP SUB	1				
2	SHEAR PIN RETAINER	1				
3	CORE NUT	1				
4	CYLINDER SPRING	1				
5 *	SHEAR PIN	1				
6	DOG SPRING	1				
7	WASHER	1				
8 *	DOGS	3				
9	CORE	1				
10	CYLINDER	1				
REDRESS KIT (* Included as part of Kit)						

ENGINEERING DATA:

		1.77"	2.18"	2.73"	2.84"
MAXIMUM OD					
PIN THREAD CONNECTION		15/16" - 10	15/16" - 10	1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		1.375"	1.375"	2.313"	2.313"
BOTTOM THREAD (PRONG)		1/2" - 13	1/2" - 13	5/8" - 11	5/8" - 11
WILL ENGAGE FISHING NECK OD		1.375"	1.750"	2.313"	2.313"
REACH		1.28"	1.28"	1.5"	1.38"
LENGTH		15.89"	16.36"	17.5"	17.5"
MATERIAL		Alloy	Alloy	Alloy	Alloy
WEIGHT lbs (kg)		7.6 (3.45)	10.8 (4.9)	19.2 (8.71)	19.2 (8.71)
ACCESSORIES	PINNING TOOL ASS'Y	16711004	16711004	16711005	16711005
	RELEASING TOOL	167003	167006	167007	167007
	CORE WRENCH	167024	167024	167025	167025
	CORE NUT WRENCH	167011	167011	167011	167011

NOMINAL SIZE	3 1/2"	4"
ASSEMBLY NUMBER	4014013500	4014014000



DET	PART NAME	QTY	PART NO	PART NO
1	TOP SUB	1		
2	SHEAR PIN RETAINER	1		
3	CORE NUT	1		
4	CYLINDER SPRING	1		
5 *	SHEAR PIN	1		
6	DOG SPRING	1		
7	WASHER	1		
8 *	DOGS	Noted	(3)	(4)
9	CORE	1		
10	CYLINDER	1		
REDRESS KIT (* Included as part of Kit)				

ENGINEERING DATA:

		3.115"	3.670"
MAXIMUM OD			
PIN THREAD CONNECTION		1 1/16" - 10	1 1/16" - 10
FISHING NECK OD		2.313"	2.313"
BOTTOM THREAD (PRONG)		5/8" - 11	1 1/4" - 12
WILL ENGAGE FISHING NECK OD		2.750"	3.125"
REACH		1.75"	1.50"
LENGTH		18.0"	18.0"
MATERIAL		Alloy	Alloy
WEIGHT lbs (kg)		19.7 (8.94)	25.6 (11.61)
ACCESSORIES	PINNING TOOL ASS'Y	16711003	16711006
	RELEASING TOOL	167008	167009
	CORE WRENCH	167023	167026
	CORE NUT WRENCH	167011	167011



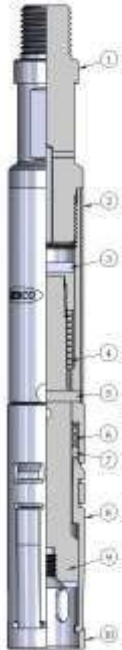
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REBCO

Type 'ROTSS' Pulling Tool (Medium Reach) Assembly: 1" – 4.00"

Rebco Type 'ROTSS' Pulling Tool is designed to run and retrieve sub surface equipment with external fishing neck. The tool can be released by jarring down.



NOMINAL SIZE	1 1/2"	2"	2 1/2"	3"
ASSEMBLY NUMBER	4014141500	4014142000	4014142500	4014143001

DET	PART NAME	QTY	PART NO	PART NO	PART NO	PART NO
1	TOP SUB	1				
2	SHEAR PIN RETAINER	1				
3	CORE NUT	1				
4	CYLINDER SPRING	1				
5 *	SHEAR PIN	1				
6	DOG SPRING	1				
7	WASHER	1				
8 *	DOGS	3				
9	CORE	1				
10	CYLINDER	1				
REDRESS KIT (* Included as part of Kit)						

ENGINEERING DATA:

MAXIMUM OD	1.43"	1.77"	2.18"	2.73"	
PIN THREAD CONNECTION	15/16" - 10	15/16" - 10	15/16" - 10	1 1/16" - 10	
FISHING NECK OD	1.187"	1.375"	1.375"	2.313"	
BOTTOM THREAD (PRONG)	3/8" - 16	1/2" - 13	1/2" - 13	5/8" - 11	
WILL ENGAGE FISHING NECK OD	1.187"	1.375"	1.750"	2.313"	
REACH	1.78"	2.03"	1.75"	1.50"	
LENGTH	13.1"	15.89"	16.36"	17.5"	
MATERIAL	Alloy	Alloy	Alloy	Alloy	
WEIGHT lbs (kg)	4.2 (1.91)	7.6 (3.45)	10.8 (4.9)	19.2 (8.71)	
ACCESSORIES	PINNING TOOL ASS'Y	16711003	16711004	16711004	16711005
	RELEASING TOOL	167004	167003	167006	167007
	CORE WRENCH	167023	167024	167024	167025
	CORE NUT WRENCH	167012	167011	167011	167011

NOMINAL SIZE	3"	3 1/2"	4"
ASSEMBLY NUMBER	4014143000	4014143500	4014144000



DET	PART NAME	QTY	PART NO	PART NO	PART NO
1	TOP SUB	1			
2	SHEAR PIN RETAINER	1			
3	CORE NUT	1			
4	CYLINDER SPRING	1			
5 *	SHEAR PIN	1			
6	DOG SPRING	1			
7	WASHER	1			
8 *	DOGS	Noted	(3)	(3)	(4)
9	CORE	1			
10	CYLINDER	1			
REDRESS KIT (* Included as part of Kit)					

ENGINEERING DATA:

MAXIMUM OD	2.84"	3.115"	3.670"	
PIN THREAD CONNECTION	1 1/16" - 10	1 1/16" - 10	1 1/16" - 10	
FISHING NECK OD	2.313"	2.313"	2.313"	
BOTTOM THREAD (PRONG)	5/8" - 11	5/8" - 11	1 1/4" - 12	
WILL ENGAGE FISHING NECK OD	2.313"	2.750"	3.125"	
REACH	1.50"	1.75"	1.50"	
LENGTH	17.5"	18.0"	18.0"	
MATERIAL	Alloy	Alloy	Alloy	
WEIGHT lbs (kg)	19.2 (8.71)	19.7 (8.94)	25.6 (11.61)	
ACCESSORIES	PINNING TOOL ASS'Y	16711005	16711003	16711006
	RELEASING TOOL	167007	167008	167009
	CORE WRENCH	167025	167023	167026
	CORE NUT WRENCH	167011	167011	167011