

Purpose

The purpose of the **Sinker Bar Roller Tandem Sub** is to allow tool strings that are used in highly deviated well bores to be deployed easier. This sub keeps the heavy weight 79mm sinker bars from dragging on the casing creating large amounts of friction.

Operation

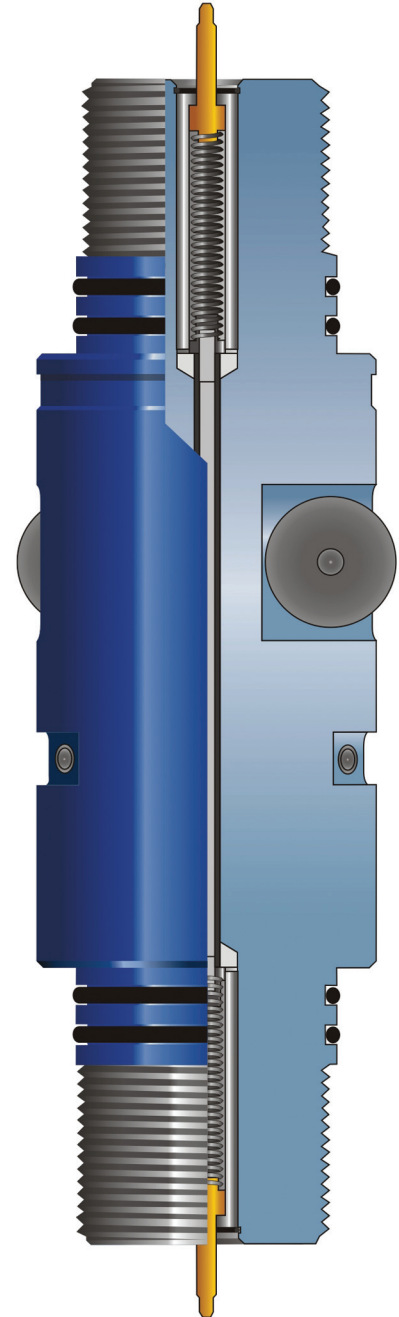
The sub is installed between two 79mm sinker bars lifting the string off the casing. Normally this is run in conjunction with a roller system in the Gun and Plug string. There are also Roller Sub systems available for the top and bottom of the sinker bar string.

Features and Benefits

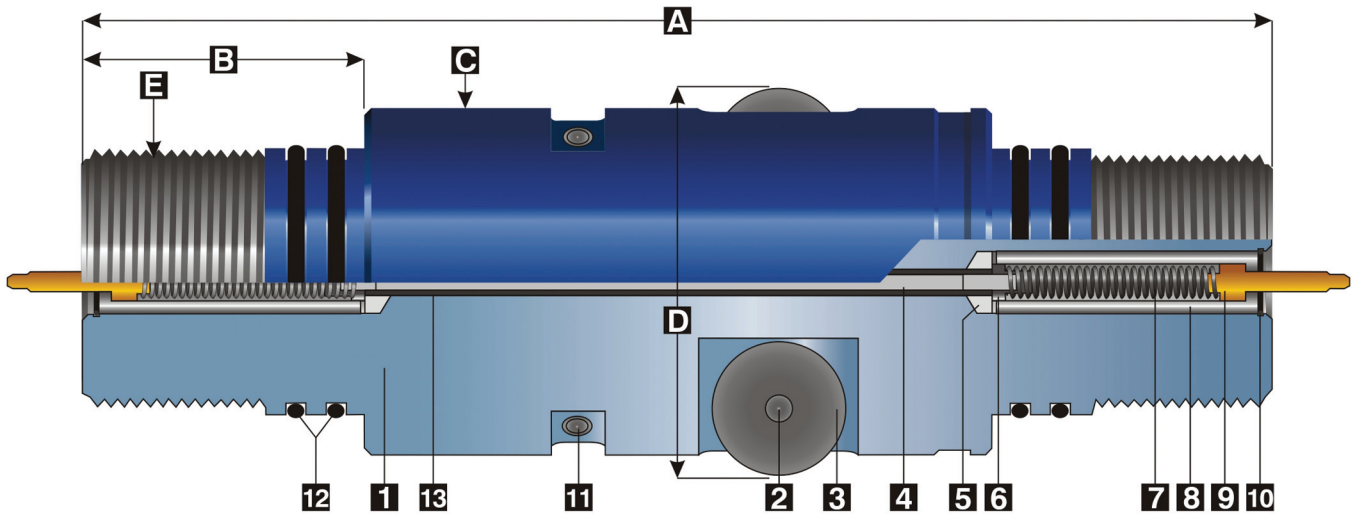
- Less friction on tool string for pump down operations
- Easier to install tool string into lubricator
- Heavy duty wheels reduce wear
- Easy to service and use universal contact parts

Specifications

Sinker Bar Roller Tandem Sub (Product N° 54-21)	
Thread Size and Type	2 3/8" (60.33mm) - 6 TPI ACME - 2G Thread
Assembly Number	54-2179003-00
Pressure Rating	20,000 psi (138 mPa)
Tensile Strength	180,000 lbs
Maximum Temperature	400°F (204°C)
Maximum OD	3.625" (92 mm)
Length	11.11" (282.2 mm)
Shipping Weight	19.2 lbs (8.7 kg)
Redress Kit Number	54-2179003-99



54-21 Sinker Bar Roller Tandem Sub, Dimentional Data		
Dim	54-2179003-00	
	In	mm
A	11.11	282
B	2.62	67
C	3.188	81
D	3.625	92
E	2 ³ / ₈ " (60.33mm) - 6 TPI ACME - 2G Thread	



54-21 Sinker Bar Roller Tandem Sub, Parts List			
Item	Qty.	Description	54-2179003-00
			Part Number
1	1	Body	54-2179003-01
2	8	Roller Pin	54-2179003-02
3	8	Roller	54-2179003-03
			54-2179003-04
4	1	Contact Rod	54-2179003-06
5	2	Insulating Washer	54-2179003-07
6	2	Spring Contact Nut	18-5607341-05
7	2	Spring	54-2179003-08
8	2	Plunger Insulator	18-5607341-04
9	2	Contact Plunger	18-5607341-03
10	2	Retaining Ring 0.625"	54-2179003-09
11	16	Set Screw #8 - 32 x 1/4"	82-0082532-01
12	4	228 Viton 90 O-Ring	81-0228000-00
13	1	Insulating Pipe 5.8" Long	54-2179003-10