

Roller Centralizer

Application

The Roller Centralizer is a mechanical device that centralizes a tool string while it is run in or out of the wellbore. Carbide rollers on the contact points prevent wear on the arms as they expand and contract to fit the wellbore.

The Roller Centralizer is positioned anywhere within the tool string except below the PTF (Pressure Temperature Flow) tool. Often, two Roller Centralizers are used in a string, one at the top and one near the bottom, to further increase the string stability.

Features

- Centers Tool String as it Moves In and Out of Well
- Arms Expand and Contract to Fit Casing or Tubing
- Carbide Rollers Eliminate Friction and Wear
- 0-100 lb (0-45.4 kg) Adjustable Arm Tension
- 2.125 in. Model (225 lb Arm Tension) and Single Pin Version Also Available
- Pass-Through Wire

Benefits

The Roller Centralizer provides electrical contact for all 15 points of contact in a Lee Production Logging String and has adjustable tension to accommodate the customer's needs.



Roller Centralizer	
Type	Part No.
Standard Service	AM011WA0001
H2S Service	AM011WB0001

Roller Centralizer

Spare Parts		
Type	Number of Parts	Part No.
Sockethead Cap Screw #6-32x0.5L	18	102143
Roller Mount Female Countersink	3	PM011ND0004
Roller Mount Female Thread	3	PM011ND0005
Roller Mount Male Countersink	3	PM011ND0006
Roller Mount Male Thread	3	PM011ND0007
Roller Pin	3	PM011NE0003
Roller	3	PM011TD0001
Button Socket Cap Screw 4-40x1/8"	3	BCS4/40SB0125
Dowel Pin 1/8"x1"	6	PM940SD0008
Hex Socket Cap Screw 4-40x0.1875"	6	SCC4/40SB0188
Socket Cap Screw 8-32x3/16"	2	SCC8-32SB01875

Specifications	
	Details
OD (collapsed)	1.375 in (34.9 mm)
OD (expanded)	9 in. (22.9 cm)
Length	37 in. (94 cm)
Weight	12.5 lb (5.7 kg)
Temperature Rating	350°F (177°C)
Pressure Rating	15,000 psi (103.5 MPa)