

Roller Centralizer



Description

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.

Main 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

Specifications

Specification	Value
OD (collapsed)	1.375 in. (3.5 cm)
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)

Spare Parts

- Sockethead Cap Screw #6-32x0.5L: 102143 (x18)
- Roller Mount Female Countersink: PM011ND0004 (x3)
- Roller Mount Female Thread: PM011ND0005 (x3)
- Roller Mount Male Countersink: PM011ND0006 (x3)
- Roller Mount Male Thread: PM011ND0007 (x3)
- Roller Pin: PM011NE0003 (x3)
- Roller: PM011TD0001 (x3)
- Button Socket Cap Screw 4-40x1/8": BCS4/40SB0125 (x3)
- Dowel Pin 1/8"x1": PM940SD0008 (x6)
- Hex Socket Cap Screw 4-40x0.1875": SCC4/40SB0188 (x6)
- Socket Cap Screw 8-32x3/16": SCC8-32SB01875 (x2)

Part Number:

Standard Service: AM011WA0001

H2S Service: AM011WB0001