

Tolteq SureMate Centralizer

The Tolteq™ SureMate centralizer offers a simple, easy-to-install means of reducing or eliminating the bad connections and broken pins that typically occur during the MWD toolstring assembly. The keyed design makes backward connections, often the result of human error or bad design, nearly impossible, while spring-loaded shafts minimize equipment damage and absorb downhole vibration.

Features and Benefits

- Keyed design—eliminates the need to visualize mating ends while connecting, making it virtually impossible to connect backwards
- Attaches in approximately 30 seconds
- Tapered fins reduce the amount of wash on main assemblies
- Spring-loaded shafts minimize equipment damage from connecting and absorb vibration while downhole
- Shortened length makes the tool more robust
- Quality wiring inside with strain relief on connectors and high-temperature mesh covering for wires

General Specification

Diameter (without fins).....	1.875 in. (48 mm)
Diameter (with fins).....	4 in. (68 mm)
Length (when connected to toolstring).....	5.540 in. (141 mm)

Environmental Specifications

Operating temperature.....	-40 to 365°F (-40 to 185°C)
Survival temperature.....	32 to 347°F (0 to 175°C)
Vibration, random.....	.20g RMS, 15 to 500 Hz
Shock.....	1,000 g, 0.5 mSec, half-sine

