

Low Torque Roller Centralizer

Low Torque Roller Centralizers are specially designed to run in inclined or horizontal section. The rollers envelope outside diameter is kept slightly larger than the centralizer fins envelope outer diameter. The Rollers envelope inside diameter is kept slightly larger than the fins envelope inner diameter.

When casing equipped with Roller Centralizer runs into the deviated or horizontal hole, the sliding friction between the casing and the borehole is converted into rolling friction. In case of irregular hole diameter, the borehole wall has an impact force on the spiral centralizer during running casings, the use of rollers reduces this impact. Torque reduction is provided by vertical alignment of rollers on the periphery of Roller Centralizer.



Available size is 4-1/2" to 13-5/8". Any special configuration can be supplied on customer's demand.