



Introduction

A roller ball sub is utilized when running in heavily deviated wells, especially if there are dog legs within the completion string. The roller ball overcomes friction which can be caused by the tool string scraping against the tubing wall and has the advantage of being spring loaded, enabling them to retract through restrictions

Structural features

The roller ball sub is composed of the body, ball and screw. There is a ball socket on the top of the body, which can contain the ball and spring. The spring is fixed with the screw. The spring has an effect on the ball, which can make the ball always hold out against the bottom of ball socket and bulge from the body.

General Technical Parameters

Size	Fishing neck	Connection	O.D. of Roller ball	PN.
1.75"	1.375"	15/16-10UN	2.125"	W10-01.03.00
2"	1.75"	1-1/16-10UN	2.375"	W10-01.04.00
2.25"	1.75"	1-1/16-10UN	2.625"	W10-01.05.00
2.5"	2.313"	1-9/16-10UN	3"	W10-01.06.00

Note: More customized parts are available upon request.

