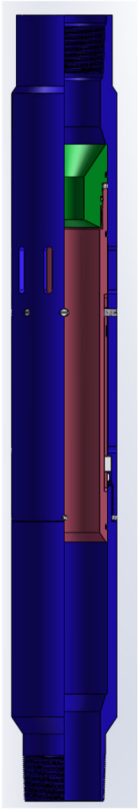
AT-DS Fracturing Sliding Sleeve

Introduction

AT-DS fracturing sliding sleeve is a ball activated, with the feature of dissolvable ball & ball seat design. This sleeve is activated by circulating a corresponding dissolvable ball into a dissolvable ball seat inside the tool, applied differential pressure from above the ball seat shifts the internal piston downward opening up the frac ports to create a circulation channel between formation and production string. The dissolvable design to avoid drill out of the plug（Ball & Ball Seat）after fracturing.



Application Scope

- ✧ Openhole or cased hole, horizontal, vertical, and directional wells
- ✧ Multi-staged fracturing for tight oil & gas fields, shale gas, and other unconventional reservoirs
- ✧ Selective production wells

Technical Features

- Long-term anti-corrosion capacity of ball seats in high temperature & pressure before fracturing
- Anti-erosion capacity during sandfrac
- Rapid dissolution capacity after fracturing
- High strength dissolvable ball seat design.

Technical parameters

Size	OD	Temp. Rating	Working Pressure	Material	Activated pressure	Ball material
3 1/2”	4.370”	120 ℃	10000psi	P110	2500-3500psi	Dissolvable
4 1/2”	5.630”	120 ℃	10000psi	P110	2500-3500psi	Dissolvable
5 1/2”	7.795”	120 ℃	10000psi	P110	2500-3500psi	Dissolvable