

FULL ID ONE-SIZE BALL OPERATED FRAC SLEEVE (REVOLVER)



REVOLVER

APPLICATION

REVOLVER Full ID One-Size Ball Operated Frac Sleeve is designed for multistage hydraulic fracturing without the need to mill out the seats. The sleeve can be used with hydromechanical packers for isolating the fracturing zones.

- Uncemented casing / liner applications.
- Vertical, directional and horizontal wells.

FRATURES AND BENEFITS

- Full-bore ID.
- Actuation is carried out using One-Size soluble balls.
- Unique revolving-sliding mechanism to ensure stages shifting.
- Mill out is not required.
- REVOLVER Frac sleeve allows RIH the liner with reciprocating and rotation.
- REVOLVER Sleeve allows the cement plug to pass through without restrictions.
- No internal elements that can be damaged or plugged during cementing. All mechanisms are isolated.
- The tool is equipped with shear screws to prevent actuation of the stage-counting mechanism before the activation ball is seated.
- Can be closed using a special mechanical shifting tool after fracturing.

SUPPLY PACKAGE

- REVOLVER Full ID One-Size Ball operated Frac Sleeve.

TECHNICAL DATASHEET

| TECHNICAL CHARACTERISTICS | VALUE |
|--|---------|
| Liner size, in | 4.500 |
| Max OD, in | 5.630 |
| Min ID (seat), in | 3.543 |
| Min ID (after cleanout, if required), in | 3.858 |
| Ball diameter, in | 3.700 |
| Length, ft | 4.4 |
| Max number of stages | 20 |
| Tensile, kip | 415 |
| Burst, psi | 10,000 |
| Collapse, psi | 10,000 |
| Material* | Q-125 |
| Max working temperature, °F | 266 |
| Design Validation Grade / Quality Grade | V3 / Q1 |

* Other options are available as per Customer request.