

FEATURES & BENEFITS

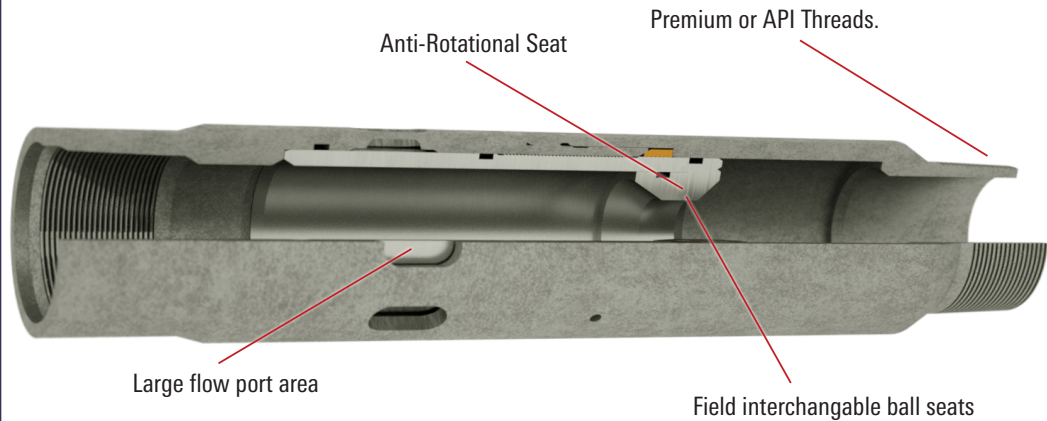
- Rated to 10,000 psi
- Large fracs port maximize flow area and minimize erosion.
- Field interchangeable ball seats
- Magnesium or Phenolic balls, minimum density, and very resistant to extrusion,
- 1/8" incremented ball sizes allow more than 10 stages
- Anti-rotational seat
- Mill out or circulate balls to surface
- Seat material selected for quick and easy mill out
- P110 metallurgy
- Premium elastomers assure solid seal
- Premium Coatings on valve ID for longevity.

PRO-FRAC

Open Hole Frac Port

Pro-ESI' ProFrac Shift Sleeve universal ball-actuated frac valve is a vital part of your open hole liner. Cost effective and built Pro-ESI durable, the ProFrac Shift Sleeve allows the operator to sequentially fracture a wellbore.

Using standard magnesium or Phenolic balls, the ProFrac Shift Sleeve allows up to 10 stages of stimulation by dropping a ball to open pre-determined sections of the liner at a zone of interest.



	4.5" / 11-13#
OD	5.5" 140 mm
ID (Exclusive of Ball Seat)	3.90" 99 mm
Length	2.0 ft 0.60 m
Max Burst and Collapse	10,000 psi 69,000 kpa
Temperature Rating	350 deg F 176 deg C
Opening Pressure	3,000 psi 20,684 kpa
Connections	4.5" (114mm) LTC Box x Pin
Port Area	12 in ² 7741 mm ²
Metallurgy	P10 Alloy
Max Mill Size	3.88" 98.5 mm
Max Ball Size	3.75" 95 mm
Incremental Ball Size	0.125" per stage 3.2 mm per stage

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