

FracRight Toe Sleeve

Frac Sleeve for toe area of horizontal wells

The FracRight Toe Sleeve is a frac initiation sleeve designed for the toe area of horizontal wells.

TAQA's FracRight toe sleeve is an integral part of multi-stage and plug & perf completions. The FracRight toe sleeve is the first tool in a multi-stage stimulation string. It eliminates the need for coiled tubing – or tubing conveyed perforating in the first stage, offering a more efficient and cost-effective method of starting the fracturing process.

After the FracRight toe sleeve is open, frac balls or composite plugs can be pumped down to begin stimulation operations. If required, the first stimulation operation can be performed through the sleeve.

TAQA's FracRight toe sleeve offers greater reliability through redundant rupture discs. Only one of the two discs must rupture to activate the sliding sleeve. Rupture discs are available in 250-300psi pressure increments. TAQA's FracRight toe sleeve assures extreme high strength for large volume, high pressure fracture treatments.

Features

- Suitable for both multi-stage slickwater and proppant fracture applications
- Can be installed in horizontal or vertical wells
- Applicable for cemented and openhole applications
- Can be used for plug & perf fracture applications

Benefits

- Actuation pressure tolerance +/- 2%
- Large area flow ports provide max stimulatory capacity
- Patent pending lock device, prevents accidental sleeve closure
- Conventional cementing system and procedure
- Reduces time & costs by eliminating the need for coil tubing
- Full drift – 15k absolute pressure rating

Technical Specification

Pipe OD	4.5"	Collapse pressure	13,551psi
pH @77°F	3.1 - 4.5	Effective area	4.60sq. in
Length	40.13"	Pressure/5000# screw	435
OD	5.760"	Max sheer pressure	5,220psi
ID	3.701"	Flow area through ID	10.76sq. in
Pull strength	426,482lbs	Flow area through port	13.48sq. in
Burst pressure	14,146psi		

