The Spidle Turbeco FracDog Bridge/Frac Plugs utilize a unique combination of composites to provide a dependable, durable, and cost-efficient method for temporary zone isolation during stage fracs in both vertical and horizontal wells. The Spidle Turbeco Plugs are constructed primarily from composite with cast iron slips ensuring fast drill times while remaining reliable. The wicker slip design made from grey cast iron, which is more brittle than conventional cast, allows this component to break into small pieces and doesn’t create stringy fibers during the mill out process.

The FracDog Plug is a multi-configuration plug allowing for a user to easily convert the tool from a Ball Drop to a Caged Ball or Bridge Plug. This conversion is easily obtained using two simple kits (Bridging Pin / Caged Ball Assembly). Spidle Turbeco Plugs can be run with any wireline setting tool or tubing run hydraulic setting tool. Cast iron slips are hardened to wicker depth only and can be set in up to P110 casing.

Available in 4 ½” and 5 ½” - other sizes pending.
Sets securely in up to P110 Grade Casing.
Compact and easy running.
Patent Pending.
Consistent Drill Times of 13 - 20 minutes or less.
Utilizes unique “Lug” design on the top and muleshoe bottom ensuring that the plugs do not spin during drill out. Lug shoe also available.
Plugs are set using a universal setting sleeve and shear sleeve adapter.
Can be drilled using conventional tubing or coiled tubing.
Materials used in construction conducive to a wide range of environments.
Slips are only hardened to wicker depth for ease of drill out.
Pump Down Wiper available upon request.

FracDog Series

FracDog Bridge: The Spidle Turbeco Bridge Plug is converted using a simple composite “Bridging Pin” that is threaded into the mandrel while sealing in the Inner Diameter. This plugged ID is drilled out before the top slip, thus allowing the upper and lower zones to equalize during drill out.

FracDog Ball Drop Frac Plug: After the Ball Drop Frac Plug is set, the inner diameter remains open thus allowing wireline operators to continue work above. A ball is then dropped from the surface and pumped down until it seats on the tool. Once the ball is seated, the operator can pressure up against the Frac Plug.

FracDog Caged Ball Frac Plug: Similar to the Ball Drop Frac Plugs, although the Caged Ball Frac Plug houses the ball in the upper ID. This conversion is done using a simple composite Ball Caged adapter. When zonal pressure is greater from below the plug, the ball cage allows the lower and upper zones to commingle. When zonal pressure is greater from above, the ball seats thus isolating the zones.

100% MADE IN THE USA

www.flotekind.com
Bridge/Frac Plug
Multi-Configuration Solid Composite Body

Sizes Now Available 4 ½” and 5 ½”

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<tr>
<td>4 ½”</td>
<td>19.125”</td>
<td>9.5-15.1#</td>
<td>3.826</td>
<td>4.09</td>
<td>3.609</td>
<td>6K, 250 Deg</td>
<td>Baker #10 / 3 ½&quot; G.O.</td>
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<td>5 ½”</td>
<td>21.50”</td>
<td>13-23#</td>
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*Other Sizes Coming Soon 3 ½”, 7”, and 4 ½” - Heavyweight*
Use bit and scraper in casing to remove any cement and scale from casing wall before you run any equipment that grips the casing.

Before running any plugs in hole, a junk basket and gage ring should be run for the appropriate size casing.

Choose correct size plug for casing. Composite Plugs usually cover the complete casing weight range.

Install the plug on the setting tool correctly. Do not over tighten.

Use correct setting tool size for the plug that you are running: Baker 10 or G.O. Compact for the 4 ½” and Baker #10, Baker #20 or G.O. Compact for the 5 ½” or larger.

All setting tools should be thoroughly redressed before each run.

Be sure that all oil levels are correct for the setting tool/temperature you are running.

Use the lock spring on all tools designed for use with a lock spring.

Snug the tension sleeve correctly. Do not over tighten. Be sure that nut is tightened correctly.

Do not allow the weight of the string to set on the shoe of the plug when setting into well head.

Guide the plug through lubricator and rams before setting lubricator in place. If the well has pressure on it, be sure to raise tools to the top of the lubricator before opening well head to pressure.

Never set plugs in casing collars.

Always set plugs in static well conditions.

Never perforate any closer than 50 feet to a plug.

Over 5,000 Plugs have been ran in different formations including:

- Granite Wash Formation
- Eagle Ford Shale
- Utica Shale
- Permian Basin
- Fayetteville Shale
- Marcellus Shale
- Rocky Mountain Region