

The Silver Bullet Reamer Float Shoes & Collars

A New Generation of Tools

The **Silver Bullet Float Shoe** first developed by **RAY OIL TOOL CO.** for pounding the casing into wellbores in Colombia, SA., is now being used to pound and ream their casing in other parts of the world. Ray Oil Tools patented Centralized Float Shoes have incorporated the **Silver Bullet Nose** to create a new generation of **Reamer Float Shoes and Collars** to again help the casing reach total depth.

For reaming, the centralizing blades are covered with tungsten carbide to increase blade life. The blade configuration can be the operator's choice, straight, spiral left or right, and tapered.

The **Silver Bullet Float Shoe Nose** can also be an operators choice: bullet like, mule shoed, round, up or down jets and grooved.

For long periods of pumping, the ball check valve has the better life durability. Also available is Ray Oil Tool's newly designed poppet valve assembly, which has the latest and most unique auto fill design in the oil field. The valve assembly and closure element are made with a phenolic material. A high strength concrete is the compound that molds the valve in the machined Float Collar and Float Shoe to form a strong unit. All float valve units have proven or exceed API RP 10F Category III C.



STAND-OFF®

ANOTHER PROBLEM SOLVER FROM RAY OIL TOOL Co.

"THE CENTRALIZATION SPECIALIST"

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