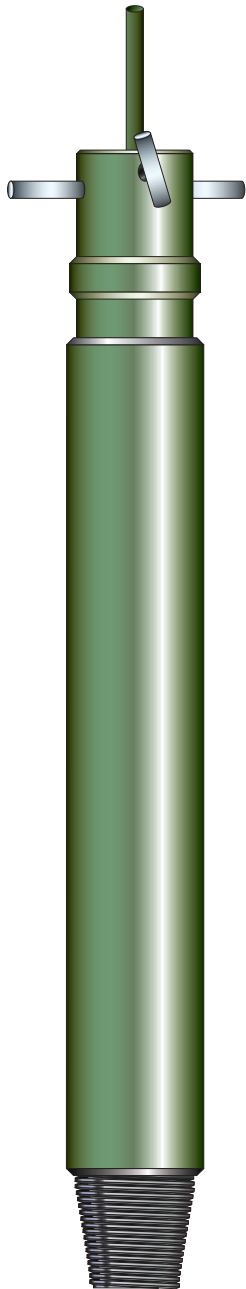


Inside Blow-out Preventers (IBOP)



M&M offers our “poppet-style” IBOP valves that automatically stop uncontrolled flow back and protect the swivel, kelly hose and surface pumping equipment from high pressure kicks and potential blow-outs. These valves can be installed anywhere in the drill string and will automatically open to allow normal circulation. Our optional release assembly allows the M&M IBOP to be used as a stand-by surface safety valve that can be quickly stabbed into the drill pipe, tubing or casing at the rig floor if a kick is detected.

Our IBOP valves are available in one or two-piece construction. The compact one-piece design eliminates the internal connection, and is ideally suited where space is at a premium or where handling weight is critical. Its smooth OD allows this valve to be run anywhere in the drill string. The two-piece design is available when larger internal flow areas are desired. All valves are offered with a variety of threads and are matched to maintain drill string tensile strength capacity.

Mill certificates, test reports and Certificate of Conformance are provided with each valve.

Our poppet-style check valve features a conical nose and metal-to-metal seat made from high strength materials. The design of the poppet, seat and bypass area minimizes the potential for erosion caused by long term, high rate circulation.



1369 West Mills Avenue Breaux Bridge, LA 70517
337-442-6057 337-442-6071 fax
www.mmoiltools.com