



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.