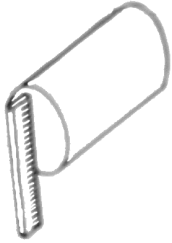


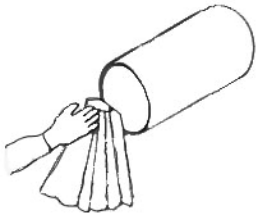


CAST IRON MECHANICAL PLUGS

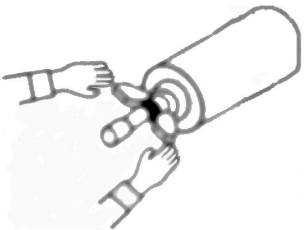
SAFETY AND USAGE INSTRUCTIONS



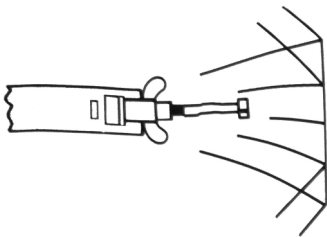
Measure pipe and calculate backpressure before selecting a plug



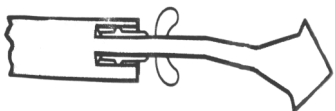
Clean pipe before installation



Hand tighten or may use tool



Never enter the "Danger Zone"



Release all backpressure before removing plug

The plug is epoxy-dipped to help eliminate rusting and comes with a neoprene rubber o-ring for easy tightening and reliable performance. Sizes available are 2, 3, 4, 6, 8 and 10 inch.

ALWAYS MEASURE THE PIPE TO BE PLUGGED before attempting to use a Test Plug. Select a properly sized test plug (size usage ranges are listed in Table 1). Standard plugs are designed to be used with air and water only. **DO NOT USE IN CONJUNCTION WITH LIQUID/GRANULAR CLEANERS.**

ALWAYS DETERMINE THE MAXIMUM BACKPRESSURE THE TEST PLUG MUST WITHSTAND. Backpressure is either PSIG (pounds per square inch gauge) for air or water pressure or Ft. of Hd. (feet of head) for water pressure. All maximum allowable backpressure ratings are listed in Table 1. **NOTE:** Many Masters products have slightly higher ratings for water (hydrostatic pressure) than air pressure (pneumatic pressure). This pressure rating difference is due to the fact that water is a non-compressible medium and is normally a safer test media at elevated pressures than air which is a compressible medium. Therefore, should problems occur the use of air pressure is more likely to cause a pipeline plug to dislodge at high velocity.

ALWAYS PROPERLY CLEAN THE PIPE BEFORE INSTALLING A PLUG. Clean any foreign material from the pipe before plug is installed. If any debris remains in the pipe it may cause the plug not to hold backpressure properly or damage the plug itself.

CAUTION: NEVER ATTEMPT TO USE A TEST PLUG IN PIPE LARGER OR SMALLER THAN THE USAGE RANGES LISTED IN TABLE 1. It may dislodge from the pipe resulting in personal injury or property damage.

ALWAYS TIGHTEN THE WING NUT FIRMLY.

ALWAYS WEAR SAFETY GLASSES AND A HARD HAT FOR PROTECTION.

NEVER ENTER THE "DANGER ZONE" WHEN A PLUG IS IN USE. The "Danger Zone" exists in front of the plugged pipe opening and expands outwardly in a cone shape. If other structures such as pipes, walls or other objects are located in the "Danger Zone", ricochet effects can increase the foreseeable zone of danger.

CAUTION: NEVER EXCEED THE MAXIMUM ALLOWABLE BACKPRESSURE RATING LISTED IN TABLE 1. The plug and the media restrained may dislodge at high velocity resulting in personal injury or property damage.

NEVER ATTEMPT TO REMOVE A PLUG FROM A PIPE UNTIL ALL BACKPRESSURE IS RELEASED FROM BEHIND THE PLUG. If the plug becomes loose with backpressure still remaining, the plug and media restrained may dislodge from the pipe opening at high velocity resulting in personal injury or property damage.