

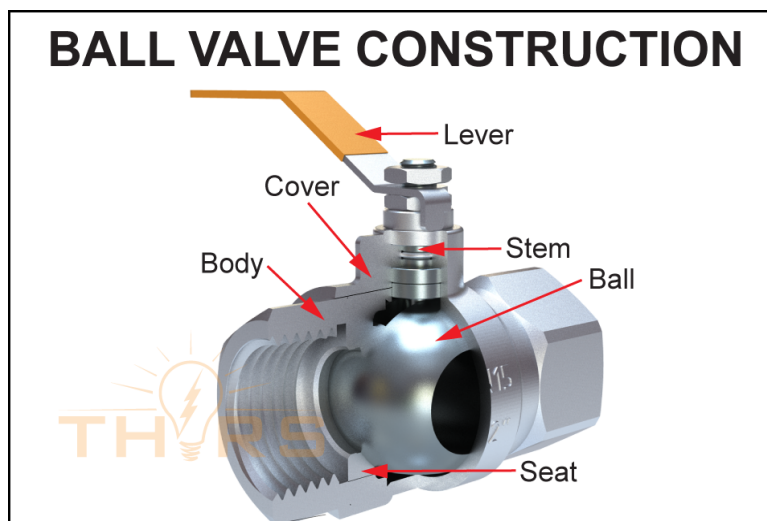
TIPS & PRODUCT SPOTLIGHT – UNDERSTANDING BALL VALVES & GATE VALVES

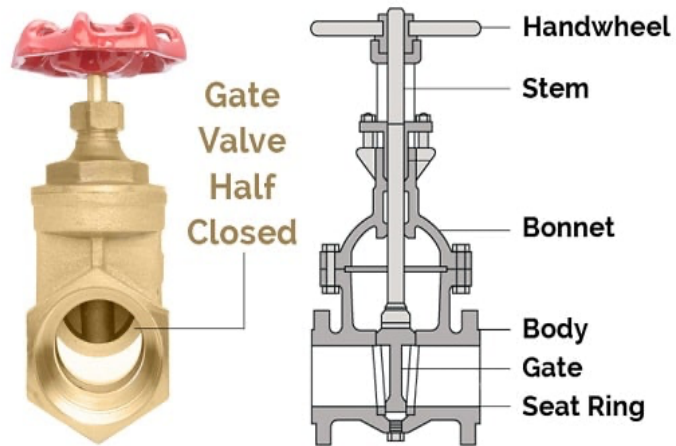
DID YOU KNOW?

BALL VALVES

Brass ball valves are used in residential and commercial plumbing, water wells, HVAC systems, and many other applications. As long as there are no highly corrosive materials going through the valves, brass is the ideal material to use.

A ball valve is a shut-off valve that adjusts or obstructs the flow of liquids, gases, and vapors in a piping system by rotating a hollow ball inside the valve. The ball is mounted to a shaft that connects it to a control mechanism that rotates the ball. When the cross-section of the bore is perpendicular to the area of the flow, nothing is permitted to pass through the valve. Full flow occurs when the ball opening is parallel to the piping.





GATE VALVES

A gate valve is generally used to completely shut off fluid flow or provide full flow in a pipeline. Brass gate valves, also known as sluice valves, are opened and closed through the manipulation of a wedge or gate using a handwheel. The valves can help control the flow of non-shock cold water, oil, gas, and compressed air systems.