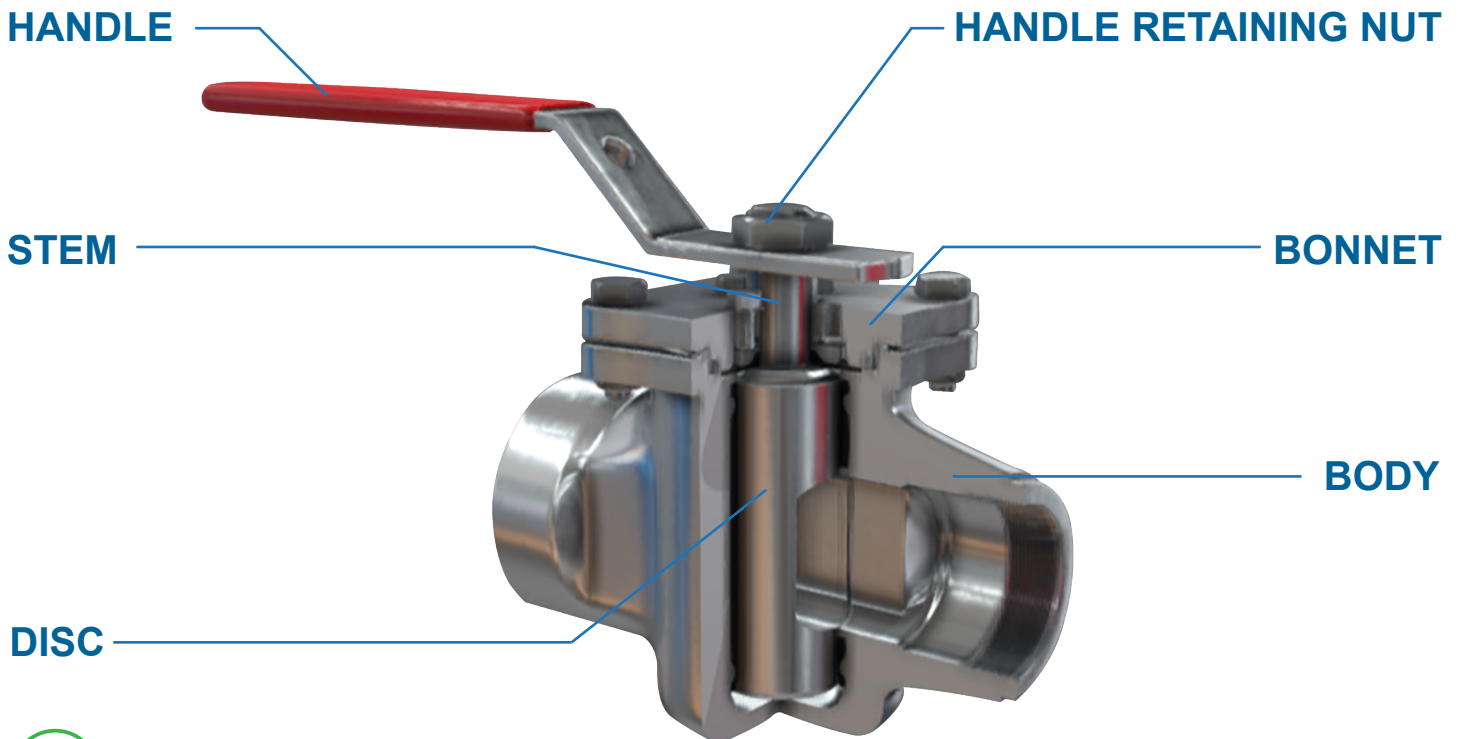


Plug Valve

A plug valve is one of the most common valve designs employed today. The plug valve has a simple design, few parts and is easy to maintain. Like the gate valve, it is not well suited for throttling applications, but is well suited for on-off operation.



ADVANTAGES

Can be used for multi-port applications e.g. three way valves.

Multi-port valves reduce the number of valves required within a system.

Fast acting (1/4 turn valve).

Low pressure drop when fully open.

DISADVANTAGES

Not suitable for throttling (flow control) applications.

Not always suitable for high temperature applications.