# WANLONG

## Ordinary valves

### █ Globe valves Characteristic

- Compact structure, convenient manufacture and service.
- Design reduces sealing face wear and scrape, large sealed capability enhance the usage life.
- High adjust capability, low opening height reduce the closing time.
- Unique channel design validated by computer simulation to reducing resistances, lower energy cost.

### █ Gate valves Characteristic

- Small flow resistance. Straight inner channel allows for direct medium flow.
- Labor saving On-off operation, compare with globe valve, the working of the wedge is always vertical to the medium flows.
- Medium can flow both ways, and easy installation.
- When fully open, the erosion of the sealing surface from working medium lower than that of the globe valve.
- Because of long cloing time, the water hammer unlike to occur.

## Material:

Carbon steel, LCC, stainless steel,
Special alloy: duplex stainless steel,
Hastelloy, Inconel, Incoloy, Monel etc

## Application:

Globe valves
Design standards：GB/T 12235, API 602,MSS-SP-117,ASME B16.34
Face-to-Face dimensions：GB/T12221, ASME B16.10
Flange standard：GB/T 9113, ASME B16.5
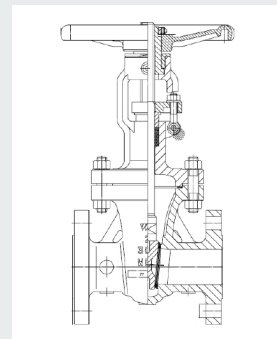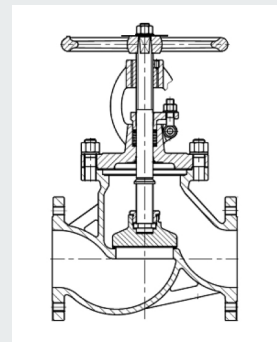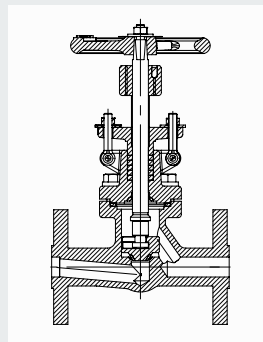Test-inspection：GB/T 13927, API 598

Gate valves
Design standards：GB/T 12234, API 600, API 602, API 603
Face-to-Face dimensions：GB/T12221, ASME B16.10
Flange standard：JB/T 9113, ASME B16.5(for NPS≤24，ASME
B16.47 Series B、API 605、ASME B16.47 Series A、MSS SP -44(for NPS > 24)
Test-inspection：GB/T 12480, API 598, API 600，API 6D

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