

Gate Valve

Gate Valves are used to start or stop the flow of fluid in a piping system. These valves should be used in full open or full closed position only. Flow through the valve is topped by forcing a wedge [Disc] down between the tapered body seats.

Standard Design Features

<ul style="list-style-type: none"> · Full Port Design · OS & Y (Outside Screw and Yoke) · BB (Bolted Bonnet) · Flexible Wedge, Fully Guided · Forged T-Head Stem · Rising Stem and Non-Rising Handwheel 	<ul style="list-style-type: none"> · Flanged or Butt-Welding Ends · Fire Safety · Uni / Bi-Direction
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Production Range

- Available Size : NPS 2" ~ 64"
- Pressure Rating : ASME Class 150 to Class 2,500
- Service Temperature : Up to +500°C
- Optional Operation : Manual
- Materials

Carbon Steel	Duplex Stainless Steel	Special Alloy Steel
ASTM A216 – WCB or Equivalent	ASTM A995 – 1A 2A 4A 5A or Equivalent	Inconel 625 825 or Equivalent Hastelloy C Monel or Equivalent
Alloy Steel	Stainless Steel	
ASTM A217 – WC6 WC9 C5 C12 C12A or Equivalent	ASTM A351 – CF8 CF8M CF3 CF3M CN7M or Equivalent	

Design Standards

- Basic Standards : API 600, API 603, ISO 10434
- Face to Face : ASME B16.10
- End Flange : ASME B16.5 & ASME B16.47
- Butt-Welding Ends : ASME B16.25

