



## FORGED STEEL GATE VALVE



Forged Steel Gate Valves are Bolted Bonnet & Welded Bonnet, outside screw and yoke type, rising stem design. Forged Valves Body and bonnet made from high quality forgings. We offer Forged Steel Gate Valves in size 1/2 (DN15) to 2 (DN50) to suit various critical, non-critical applications and pressure rating in 150~2500LB. Forged Steel Gate Valve manufacturing range covers Regular Port and Standard Port both types of Valve.

Forged Steel Gate Valves are available under any Third party inspection also. For High Pressure & Temperature application Stellite ST6 Face Seat & Gate available. Forged Gate Valve available is Threaded End, Socket Weld End, Butt Weld End and Flanged End Connection. For Flanged End Forged Gate Valve flanges will be a welded with a valve body not integral forged.

## SPECIFICATIONS :

### MATERIAL OF CONSTRUCTION

<b>Body &amp; Bonnet Material</b>	ASTM A 105 – Forged Carbon Steel ASTM A 182 F304/F304L – Forged Stainless Steel ASTM A 182 F316/F316L – Forged Stainless Steel ASTM A 182 F11/F22 – Alloy Steel
<b>Trims / Working Parts</b>	ASTM A 276 T – 410(SS-410 – 13% Cr. Steel) ASTM A 276 T – 304/304L(SS-304/SS-304L) ASTM A 276 T – 316/316L(SS-316/SS-316L) Stellite – ST6
<b>Gland Packing</b>	PTFE Virgin/Carbon Filled Teflon Grafoil Ring/Graphite Ring
<b>Gasket</b>	SS 304/316 Spiral Wound with Graphite Filled
<b>Bolting</b>	ASTM A 193 GR. B7/B8/B8M/A 194 GR. 2H

### DESIGN & TESTING STANDARD

<b>Design Standard</b>	API 602 / BS 5352 / ASME B16.34
<b>Testing Standard</b>	API 598
<b>Flange End Standard</b>	ASME B16.5/For Face To Face ASME B16.10
<b>End Connection</b>	Flanged End to ASME B16.5, 150#/300#/600#(FLANGES WELDED) Screwed – Threaded End to ASME B1.20.1 Socket Weld End to ASME B16.11 Butt Weld End to ASME B16.25
<b>Operation</b>	Manual, Electric Actuator

