

# Forged Steel Gate Valves, ANSI Class 1500

**Fig No: FGT-1500** 

1/2"~ 2" DN15 ~ DN50

### Features:

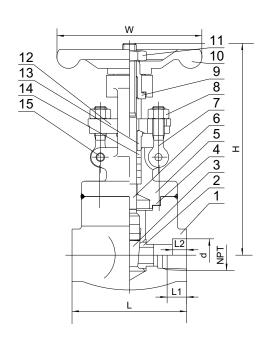
Forged steel gate valves are available in three bonnet designs. The first design is the Bolted Bonnet, With male-female joint, spiral wound gasket, made in F304L/graphite. Ring joint gasket are also available on request. The second design is the welded bonnet, with a threaded and seal welded joint, On request a full penetration streongth welded joint is available. The third design is the pressure seal bonnet, with a threaded and pressure seal bonnet joint.

## Gate valve Design Construciton and Specifications:

Gate vales conform to API602,BS5352,and ASME B16.34. Each are tested according to API598 Marking is per MSS SP-25.



Full Port or Conventional Port
Outside Screwand Yoke
Two piece self aligning packing gland
Bolted bonnet with spiral-wound gasket,
Integral backseat
Flange Ends to ASME B16.5
Socket weld Ends to ASME B16.11
Screwed Ends (NPT) to ANSI/ASME B1.20.1



### DIMENSIONS

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NPS	d	L2	NPT	L1	L	W	Н
1/2	21.8	10	1/2	15	111	125	180
3/4	27	13	3/4	18	111	125	180
1	34	13	1	18	120	160	200
1-1/4	42.5	13	1-1/4	19	120	160	225
1-1/2	48.5	13	1-1/2	19	140	180	250
2	61	16	2	25	170	200	290

### **MATERIALS LIST**

NO	Name	MATERIAL				
1	BODY	A105	F304(L)	F316(L		
2	SEAT RING	A182 F6	F304(L)	F316(L)		
3	WEDEG	A182 F6	F304(L)	F316(L)		
4	GASKET	F304+GRAPHITE		F316+GRAPHITE		
5	BONNET	A105	A304(L)	F316(L)		
6	STEM	A182 F6	A304(L)	F316(L)		
7	GLAND EYEBOLT	A193 B7	A193 B8			
8	GLAND NUT	A194 2H	A194 8			
9	YOKE NUT	A276 410				
10	HANDWHEEL	60-40-18				
11	H.W.NUT	A194 2H	A194 8			
12	GLAND	A276 410	F304(L)	F316(L)		
13	GLAND FLANGE	A105	F304(L)	F304		
14	STEM PACKING	FLEXIBLE GRAPHITE				
15	PIN	F304				

Other Materials Also Available On Requested