

# Forged Steel Gate Valves, ANSI Class 800

Fig No: FGT-800

1/2"~ 2" DN15 ~ DN50

## Features:

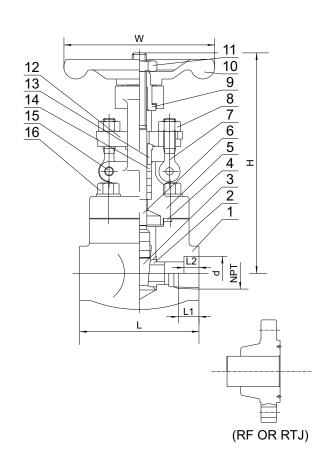
Forged steel gate valves are available in two bonnet designs. The first design is the Bolted Bonnet, With male-female joint, spiral wound gasket, made in F304L/graphite. Ring joint gasket are also available on request. The second design is the welded bonnet, with a threaded and seal welded joint, On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

## **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.

#### Construciton is as follows:

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	76	100	145
3/4	27	13	3/4	18	92	100	150
1	34	13	1	18	106	125	175
1-1/4	42.5	13	1-1/4	19	120	160	200
1-1/2	48.5	13	1-1/2	19	114	160	205
2	61	16	2	25	144	160	230

## **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				
16	BONNET BOLT	A193 B7	A193 B8			

Other Materials Also Available On Requested