

# Forged Steel Globe Valves, ANSI Class 1500

**Fig No: FGB-1500** 

1/2"~ 2" DN15 ~ DN50

#### Features:

Forged steel globe 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 strength welded joint is available. The third design is the pressure seal bonnet, with a threaded and pressure seal bonnet joint.



## Globe valve Design Construction and Specification:

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



#### Construction is as follows:

Full Port or Conventional Port Outside Screw and Yoke Two piece self aligning packing gland Bolted bonnet with spiral-wound gasket, Threaded and seal welded bonnet or threaded

and pressure and bonnet,

Integral backseat Socket weld Ends to ASME B16.11 Screwed Ends (NPT) to ANSI/ASME B1.20.1

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<b>DIMENSIONS</b> unit:mm									
NPS	d	L2	NPT	L1	L	W	Н		
1/2	21.8	10	1/2	15	111	125	195		
3/4	27	13	3/4	18	111	125	195		
1	34	13	1	18	120	160	218		
1-1/4	42.5	13	1-1/4	19	152	160	240		
1-1/2	48.5	13	1-1/2	19	172	180	275		
2	61	16	2	25	220	200	325		

### **MATERIALS LIST**

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

Other Materials Also Available On Requested