



THREADED & SOCKET WELDED GLOBE VALVES

Warren Valve is a pioneer in the globe valve market. Warren's manufacturing capabilities for Forged Globe valves includes 1/4"-2", ANSI Pressure class 150#-1500#. Materials of Construction include Carbon Steel, Stainless Steel, Alloy 20, and other exotic materials.

Our comprehensive evaluation includes on-site audits, inspection at the source, receiving inspections, and destructive material testing. Mill test reports are always available.

MATERIAL A105N

CLASS	FIGURE NUMBER
800#	852
1500#	1552

MATERIAL SS316

CLASS	FIGURE NUMBER
800#	802
1500#	1502

PRODUCT OVERVIEW

SIZE RANGE	1/4" -2"
MATERIAL GRADES	A105N, F316, F316L, A20, Hastelloy C, and other exotic materials
TRIM MATERIALS	Trim 5, 8, 12, 16, & Special Materials
DESIGN	Metal-Seated-Design
BONNET DESIGN	Bolted Bonnet & Welded Bonnet
PACKING & GASKET	Graphite (Low Fugitive Emissions)
END CONFIGURATIONS	Threaded, Socket Weld, & Threaded X Socket Weld
FEATURES	NACE Compliant

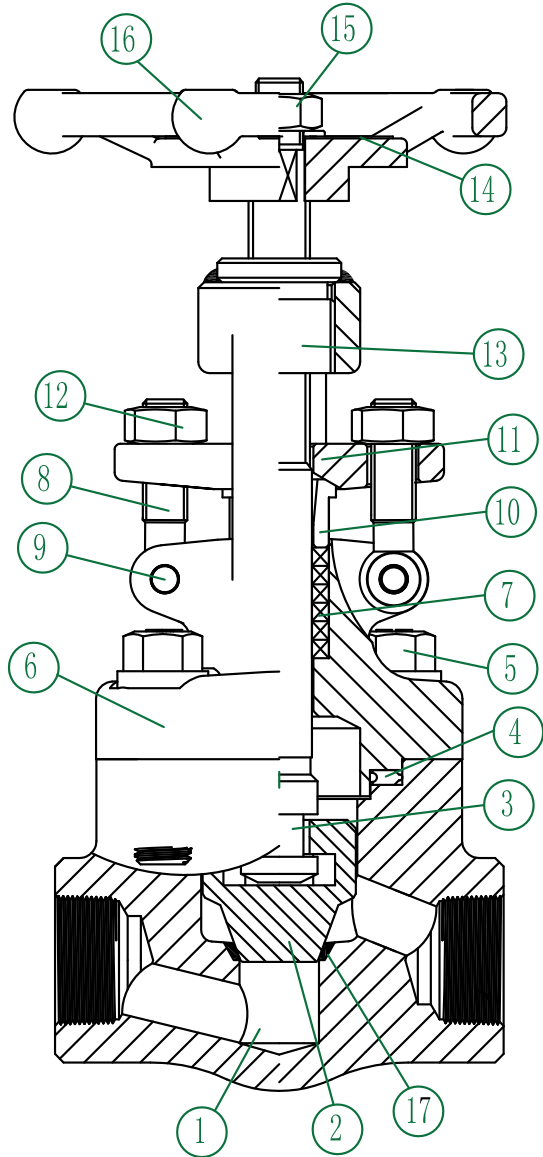
ANSI CLASS 800 - 1500

A105N MATERIAL LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A105N
2	DISC	ASTM A182 F6a
3	STEM	ASTM A276 410
4	GASKET	304+GRAPHITE
5	BONNET BOLT	ASTM A193 B7M
6	BONNET	ASTM A105N
7	PACKING	GRAPHITE
8	GLAND BOLT	ASTM A193 B8
9	GLAND BOLT PIN	ASTM A276 304
10	GLAND	ASTM A276 420
11	GLAND FLANGE	ASTM A105N
12	NUT	ASTM A194 8
13	STEM NUT	ASTM A276 410
14	NAMEPLATE	304 SS
15	HAND WHEEL NUT	ASTM A194 2H
16	HAND WHEEL	ASTM A197
17	INTEGRAL SEAT	ASTM A105N+STL

SS316 MATERIAL LIST

NO.	NAME PARTS	MATERIALS
1	BODY	ASTM A182 F316L
2	DISC	ASTM A276 316L+STL
3	STEM	ASTM A276 316L
4	GASKET	316L+GRAPHITE
5	BONNET BOLT	ASTM A193 B8MA
6	BONNET	ASTM A182 F316L
7	PACKING	GRAPHITE
8	GLAND BOLT	ASTM A193 B8MA
9	GLAND BOLT PIN	ASTM A276 316
10	GLAND	ASTM A276 316
11	GLAND FLANGE	ASTM A182 F316
12	NUT	ASTM A194 8MA
13	STEM NUT	ASTM A276 410
14	NAMEPLATE	304 SS
15	HAND WHEEL NUT	ASTM A194 8
16	HAND WHEEL	ASTM A197
17	INTEGRAL SEAT	ASTM A182 F316L+STL



OTHER BODY AND TRIM MATERIALS AVAILABLE.

Please contact Warren Valve or your Warren Valve representative for more details.

ANSI CLASS 800 - 1500

FIGURE NUMBERS 852 & 802

SIZE	Dimensions (in inches)						WGT (LB)	CV
	L±0.06	d +0.04/-0.0	D +0.02/0	L1±0.02	H±0.20	W±0.20		
1/4"	3.11	φ0.27	φ0.56	0.39	6.34	3.94	4.9	0.7
3/8"	3.11	φ0.27	φ0.69	0.39	6.34	3.94	4.9	0.7
1/2"	3.11	φ0.37	φ0.86	0.39	6.34	3.94	4.6	1.2
3/4"	3.62	φ0.49	φ1.07	0.51	6.34	3.94	5.1	2.7
1"	4.37	φ0.69	φ1.33	0.51	7.60	4.72	8.2	5.3
1-1/4"	4.72	φ0.93	φ1.68	0.51	9.06	6.30	12.8	11.0
1-1/2"	5.98	φ1.12	φ1.92	0.51	9.76	6.30	16.5	17.6
2"	6.77	φ1.44	φ2.41	0.65	11.10	8.66	22.5	23.0

FIGURE NUMBERS 1152 & 1502

SIZE	Dimensions (in inches)						WGT (LB)	CV
	L±0.06	d +0.04/-0.0	D +0.02/0	L1±0.02	H±0.20	W±0.20		
1/4"	3.11	φ0.27	φ0.56	0.39	6.34	3.94	4.9	0.7
3/8"	3.11	φ0.27	φ0.69	0.39	6.34	3.94	4.9	0.7
1/2"	4.37	φ0.37	φ0.86	0.39	7.64	4.72	8.8	1.2
3/4"	4.37	φ0.49	φ1.07	0.51	7.64	4.72	8.8	2.7
1"	4.72	φ0.69	φ1.33	0.51	9.13	6.30	13.2	4.1
1-1/4"	5.98	φ0.93	φ1.68	0.51	9.72	6.30	17.2	10.0
1-1/2"	6.77	φ1.12	φ1.92	0.51	10.83	8.66	24.3	15.3
2"	8.66	φ1.44	φ2.41	0.65	13.07	8.66	45.2	20.5

