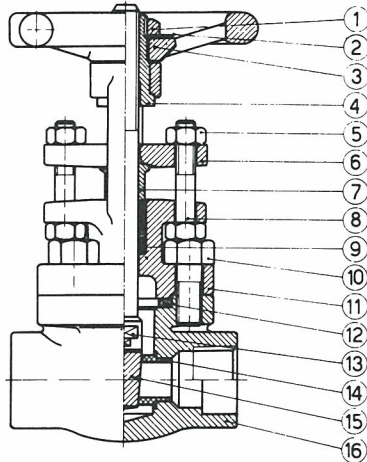
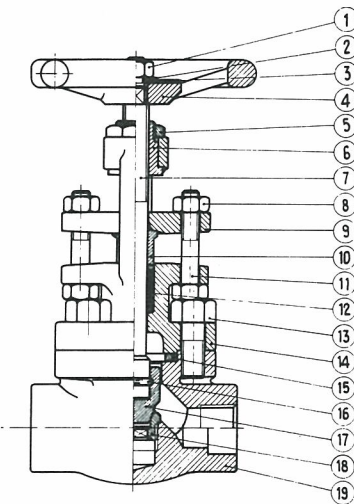


## Typical Valve Parts Description and Standard Material Specifications



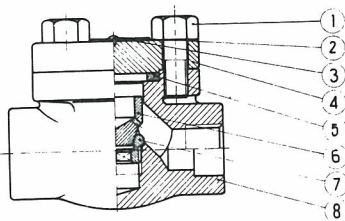
### Typical Gate

Part Name	Standard Material Specifications
1 Handwheel Nut	Carbon Steel
2 Name Plate	Etched Aluminum
3 Handwheel	Carbon Steel or Malleable Iron
4 Yoke Nut	13% Chr. AISI 416 S.S.
5 Gland Nuts	Carbon Steel - ASTM - A194 2H
6 Gland Flange	Carbon Steel - ASTM - A105
7 Packing Gland	F 316
8 Gland Bolt-Studs	17% Chr. AISI 430 S.S.
9 Packing	Graphite
10 Bolts	Alloy Steel - ASTM - A193 B7
11 Bonnet	Carbon Steel - ASTM - A105
12 Gasket	Graphite
13 Stem	13% Chr. AISI 410 S.S.
14 Seats	13% Chr. AISI 410 S.S. + STELLITE
15 Wedge	13% Chr. AISI 420 S.S.
16 Body	Carbon Steel - ASTM - A105 - (C=0.25% max.)



### Typical Globe

1 Handwheel Nut	Carbon Steel
2 Washer	Carbon Steel
3 Name Plate	Etched Aluminum
4 Handwheel	Carbon Steel or Malleable Iron
5 Yoke Nut Locker	Carbon Steel
6 Yoke Nut	13% Chr. AISI 416 S.S.
7 Stem	13% Chr. AISI 416 S.S.
8 Gland Nuts	Carbon Steel - ASTM - A194 2H
9 Gland Flange	Carbon Steel - ASTM - A105
10 Packing Gland	F316
11 Gland Bolt-Studs	17% Chr. AISI 430 S.S.
12 Packing	Graphite
13 Bolts	Alloy Steel - ASTM - A193 B7
14 Bonnet	Carbon Steel - ASTM - A105
15 Gasket	Graphite
16 Stem	13% Chr. AISI 410 S.S.
17 Disc Connecting Ring	Type 316L S.S.
18 Disc	13% Chr. AISI 420 S.S.
19 Seat	Integral Stellite Seat
19 Body	Carbon Steel - ASTM - A105 - (C=0.25% max.)



### Typical Check

1 Bolts	Alloy Steel - ASTM - A193 B7
2 Rivet	Carbon Steel
3 Name Plate	Etched Aluminum
4 Bonnet	Carbon Steel - ASTM - A105
5 Gasket	Graphite
6 Piston	13% Chr. AISI 420 S.S.
7 Seat	13% Chr. AISI 410 S.S.
8 Body	Carbon Steel - ASTM - A105 - (C=0.25% max.)
9 Bonnet & Ball Guide	Carbon Steel - ASTM - A105
10 Ball	13% Chr. AISI 420 S.S.
11 Hinge Pin	13% Chr. AISI 410 S.S.
12 Hinge	13% Chr. AISI 410 S.S.
13 Disc Lock Nut	13% Chr. AISI 410 S.S.
14 Disc	13% Chr. AISI 420 S.S.
15 Disc Nut Pin	13% Chr. AISI 410 S.S.
16 Seat	Integral Stellite Seat

