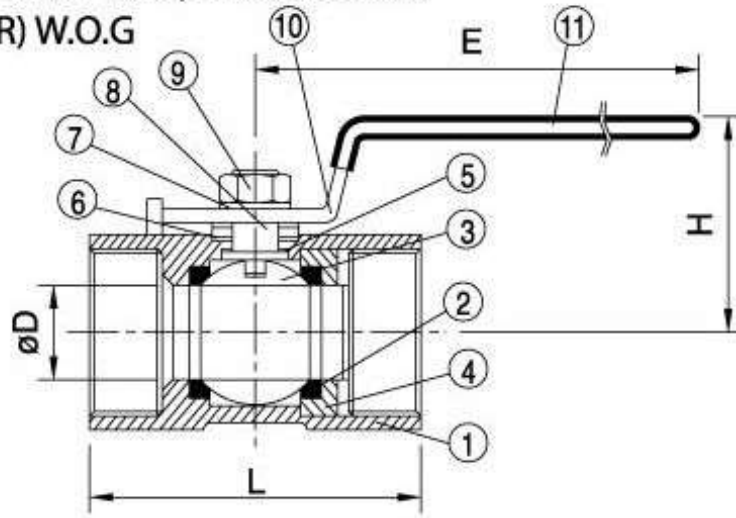


1-PC Ball Valve

Pipe thread in accordance with ANSI B2.1, BS 21 1973, DIN 259/2999

Material : ASTM-CF8M A351 800PSI (55 BAR) W.O.G

SIZE	D	E	H	L	M
1/4"	5	60	33	40	NPT or PF PT
3/8"	7	67	36	45	NPT or PF PT
1/2"	10	90	42	58	NPT or PF PT
3/4"	13	90	45	60	NPT or PF PT
1"	16	112	52	72	NPT or PF PT
1 1/4"	20	112	57	80	NPT or PF PT
1 1/2"	25	132	60	85	NPT or PF PT
2"	32	132	66	102	NPT or PF PT



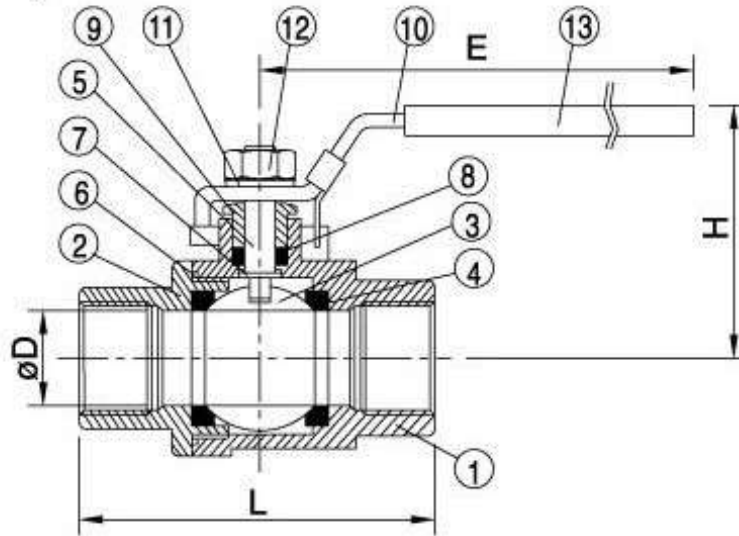
NO.	Part Name	Material	QTY
1	BODY	316/304	1
2	SEAT	PTFE	2
3	BALL	316/304	1
4	SEAT RETAINER	316/304	1
5	THRUST WASHER	TEFLON	1
6	STEM PACKING	TEFLON	1
7	STEM WASHER	304	1
8	STEM	316	1
9	STEM NUT	304	1
10	HANDLE	304	1
11	PLASTIC COVER	PLASTIC	1

2-PC Ball Valve

Pipe thread in accordance with ANSI B2.1, BS 21 1973, DIN 259/2999

Material : ASTM-CF8M A351 1000PSI (69 BAR) W.O.G

SIZE	D	E	H	L	M
1/4"	12.5	106	48	52	NPT or PF PT
3/8"	12.5	106	48	52	NPT or PF PT
1/2"	15	106	54	63	NPT or PF PT
3/4"	20	132	61	75	NPT or PF PT
1"	25	152	71	88	NPT or PF PT
1 1/4"	32	152	75	101	NPT or PF PT
1 1/2"	38	193	91	112	NPT or PF PT
2"	50	193	100	124	NPT or PF PT
2 1/2"	65	263	142	164	NPT or PF PT
3"	80	263	142	198	NPT or PF PT

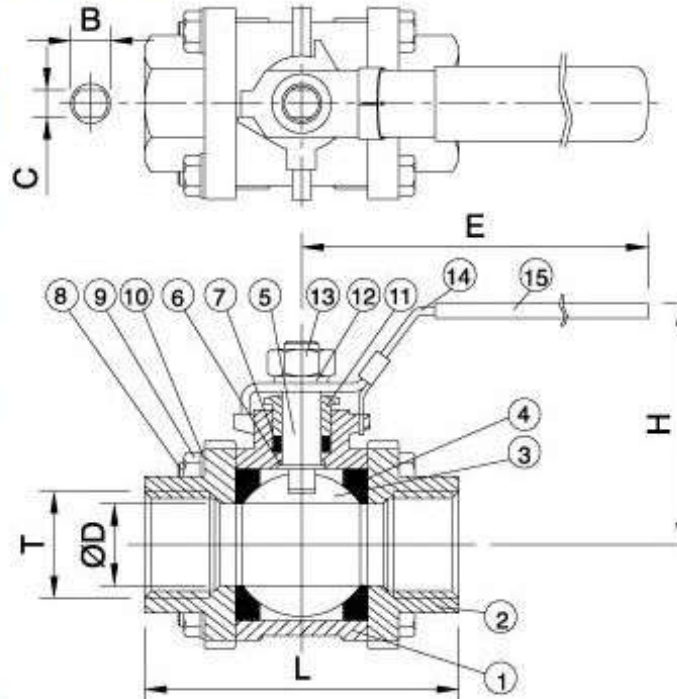


NO.	Part Name	Material	QTY
1	BODY	316/WCB	1
2	CAP	316/WCB	1
3	BALL	316	1
4	SEAT	PTFE	1
5	STEM	316	1
6	JOINT GASKET	PTFE	1
7	THRUST WASHER	PTFE	1
8	STEM PACKING	PTFE	2
9	GLAND NUT	304	1
10	HANDLE	304	4
11	WASHER	304	1
12	STEM NUT	304	1
13	PLASTIC COVER	PLASTIC	1

3-PC & PN10, PN16 BALL VALVE

3-PC 316 Screwed End Ball Valve

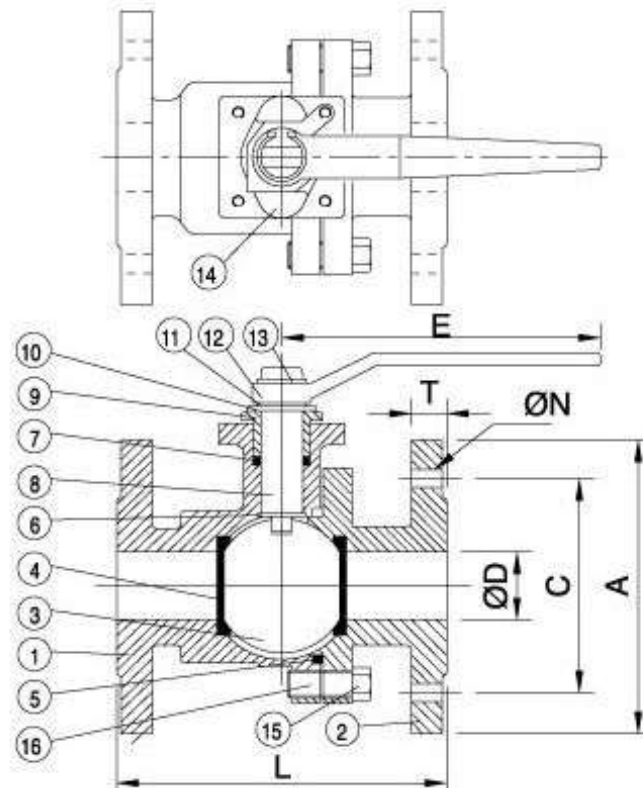
SIZE	B	C	D	E	H	L	T
1/4"	7.9	5.5	11.5	108	56	60	NPT, PF, PT
3/8"	7.9	5.5	12.5	108	56	60	NPT, PF, PT
1/2"	7.9	5.5	15	123	59	68	NPT, PF, PT
3/4"	7.9	6.3	20	123	62	70.5	NPT, PF, PT
1"	10	6.3	25	130	68	87	NPT, PF, PT
1 1/4"	12	8.3	32	130	88	96	NPT, PF, PT
1 1/2"	15.8	9.6	38	152	100	135	NPT, PF, PT
2"	15.8	9.6	50	182	108	129	NPT, PF, PT
2 1/2"	15.8	12.2	65	220	125	155.5	NPT, PF, PT
3"	19	12.2	80	250	136	182	NPT, PF, PT
4"	19	12.2	100	298	160	226	NPT, PF, PT



NO.	Part Name	Material	QTY
1	Body	316/WCB	1
2	Cap	316/WCB	2
3	Ball	316	1
4	Seat	PTFE	1
5	Stem	316	1
6	Thrust Packing	PTFE	1
7	Stem Packing	PTFE	2
8	Bolt	304	4
9	HEX Nut	304	4
10	Bolt Washer	304	4
11	Gland Nut	304	1
12	Stem Washer	304	1
13	Stem Nut	304	1
14	Handle	304	1
15	Plastic Cover	Plastic	1

PN10, PN16 304/316 Fill Bore

SIZE	A	C	D	E	N	T	L
1/2"	95	65	15	112	4	16	15
3/4"	105	75	20	112	4	16	120
1"	115	85	25	138	4	18	125
1 1/4"	140	100	32	165	4	18	130
1 1/2"	150	110	38	198	4	18	140
2"	165	125	50	198	4	20	150
2 1/2"	195	145	65	265	4	18	170
3"	200	160	76	265	4	20	180
4"	220	180	100	325	8	20	190



NO.	Part Name	Material	QTY
1	Body	CF8M	1
2	Cap	CF8M	1
3	Ball	CF8M	1
4	Seat	PTFE	2
5	Body Seal	PTFE	1
6	Thrust Bearing	PTFE	1
7	Stem Packing	PTFE	1
8	Stem	316	1
9	Disc Spring	S.S 301	2
10	Stopper	304	1
11	Stem Nut	A194-BA	1
12	Stop Bolt	A193-B8	2
13	Handle	A36	1
14	Handle Washer	A36	1
15	Stud	A193-B8	1
16	Nut	A194-BA	1