

| BALL VALVES |

# 3 PIECE FORGED BALL VALVES ASME

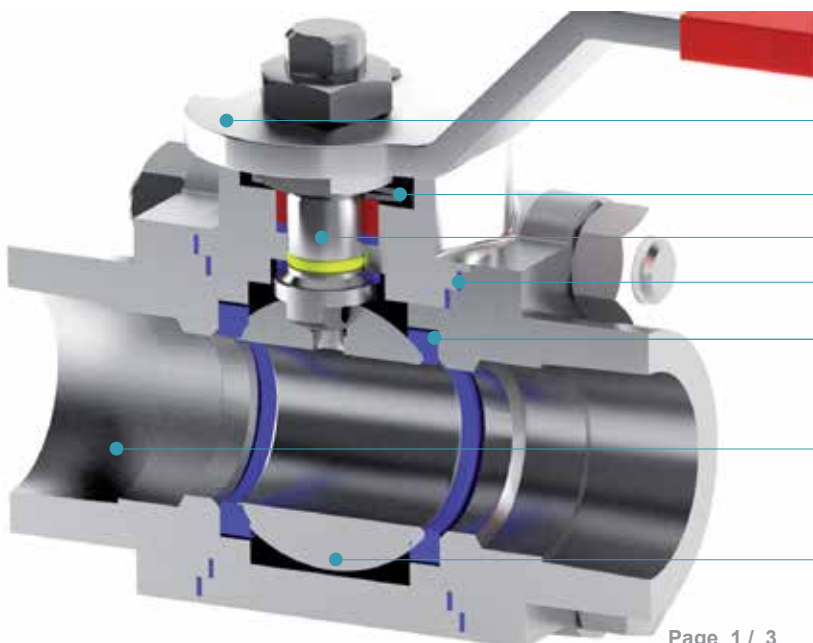
From 1/4" to 2" | Class 800 - Class 1500

Forging is a manufacturing process where metal is shaped by plastic deformation under great pressure into high strength parts. The JC 3 piece forged ball valves are designed with excellent Mechanical properties, yield strength, ductility, toughness, Reliability (used for critical applications).

LOCKING DEVICE



STEM EXTENSION



Flange ISO 5211 for assembly actuator

Live loaded packing

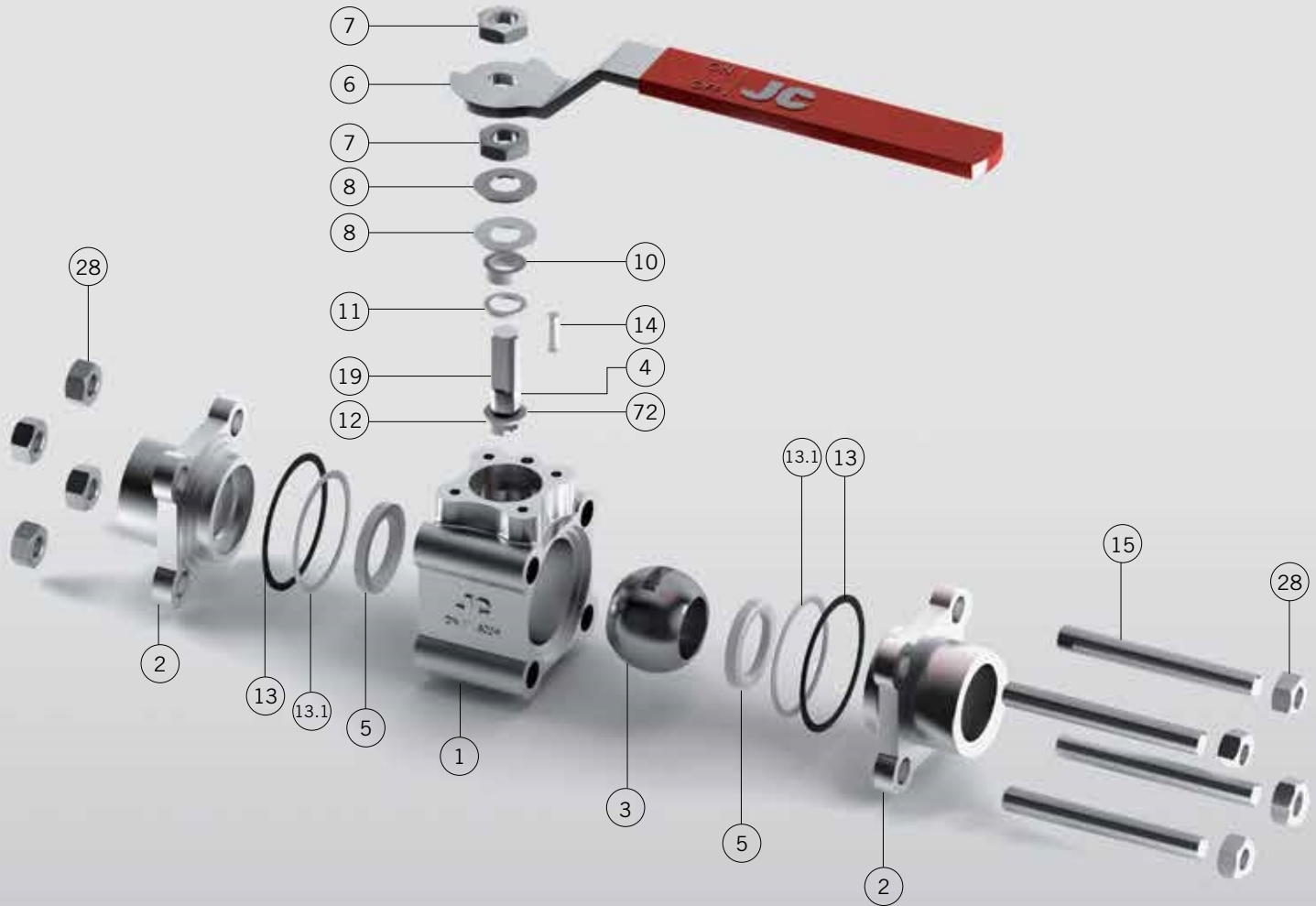
Antistatic device

Fire safe design

High performance seat

Different connections under customer request  
 (nipples, threaded, welded ends, flanges,....)

Solid ball



## Materials

81500

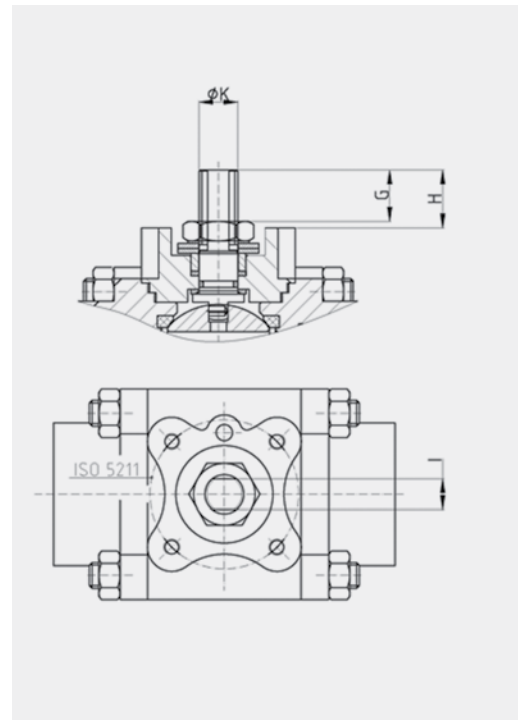
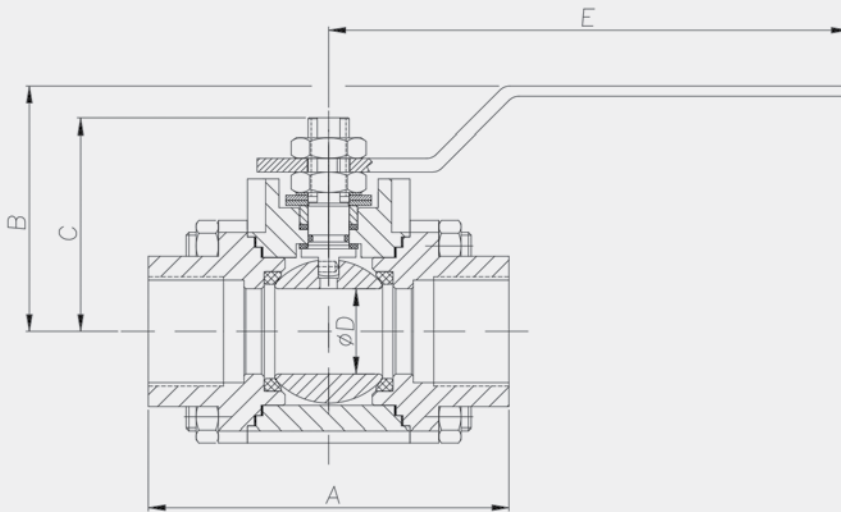
Item	Description	Carbon Steel	Stainless Steel
1	Body	ASTM A105 / A350 LF2	ASTM A182 Gr. F316
2	End Connector	ASTM A105 / A350 LF2	ASTM A182 Gr. F316
3	Ball	A 479 Tp. 316	A 479 Tp. 316
4	Stem	A 479 TP410	17-4-PH
5	Seat ring	DEVLON "V" (*)	DEVLON "V" (*)
6	Wrench	Z.P. Carbon Steel	Z.P. Carbon Steel
7	Gland nut	Z.P. Carbon St.	AISI 316
8	Disk Spring	Carbon Steel	AISI 301
10	Gland	AISI 316	AISI 316
11	Gland packing	Graphite	Graphite
12	Stem thrust seal	PTFE + 25% Graphite	PTFE + 25% Graphite
13	Body connector seal	Graphite	Graphite
13.1	Body connector seal	FKM (**)	FKM (**)
14	Stop pin	Stainless Steel	Stainless Steel
15	Stud	ASTM A 193 B7M	ASTM A 193 B8M
19	Antistatic device	Stainless Steel	Stainless Steel
28	Nut	ASTM A 194 2HM	ASTM A 194 Gr8M
72	O'ring	FKM	FKM
89	Identification plate	Stainless Steel	Stainless Steel

ASME 81500

Class 1500

Full Bore

Class 1500. From 1/4" to 2"



Pressure - Temperature

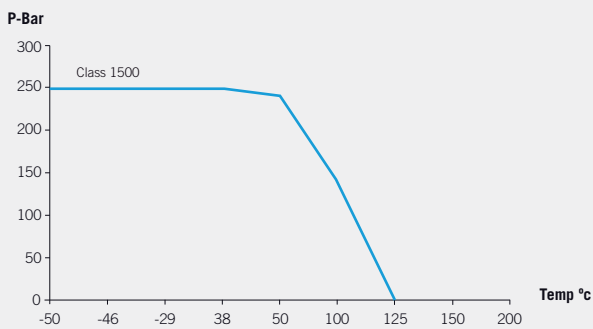


Fig. 81500 (Class 1500)

DN	A	B	C	ØD	E	ISO 5211	G	H	I	N° x J	ØK	WEIGHT	TORQUE
1/4"	84	59	42	9,5	170	36 F03	9,7	10,4	7	4xM5	10	2,2	14
3/8"	84	59	42	9,5	170	36 F03	9,7	10,4	7	4xM5	10	2,2	14
1/2"	104	66	49	15	170	36 F03	9,7	10,4	9	4xM5	12	3,2	20
3/4"	127	86	66	20	245	50 F05	15,6	17,7	9,5	4xM6	16	5,8	29
1"	134	91	70	25	245	50 F05	15,4	17	9,5	4xM6	16	7	43
1 1/2"	200	111	101,5	40	350	70 F07	16	17,6	16	4xM8	22	17	131
2"	222	142	117,7	49	375	70 F07	19	20,4	18	4xM8	25	24	203

(\*) Dimensions in mm and Torque in Nm.