

PLASTIC VALVE SYSTEM

INTRODUCTION

High quality valves were supplied by tomex, which valves made by qualified raw materials, were produced under strict production flows control and must be passed by strict test of quality.
Quality inspection for key components are carried out, including body processing, valve core processing, and component surface fine machining processing. Technical test fixtures are designed by ourselves, and used to check the function for valves one by one.

FEATURES OF PRODUCT

- **Light Weight:**
  The proportion is only 1/7 of the metal valves. It is convenient for handling and operation, which can save lots of manpower and installation time.
- **No Public Hazard:**
  The formula is environmental protection. The material is steady, without second contamination.
- **Corrosion-resistant:**
  With high chemical stability, plastic valves will not contaminate the water in the piping networks and can maintain the sanitation and efficiency of system. They are available for water supply transport and chemical industrial facilities.
- **Abrasion Resistance:**
  That has higher abrasion resistance than other material valves, so the service life can be longer.

FIELDS OF APPLICATION

Plastic valves for cold and hot water transport in residential and commercial buildings,hospitals,hotel,offices,school buildings, shipbuilding etc

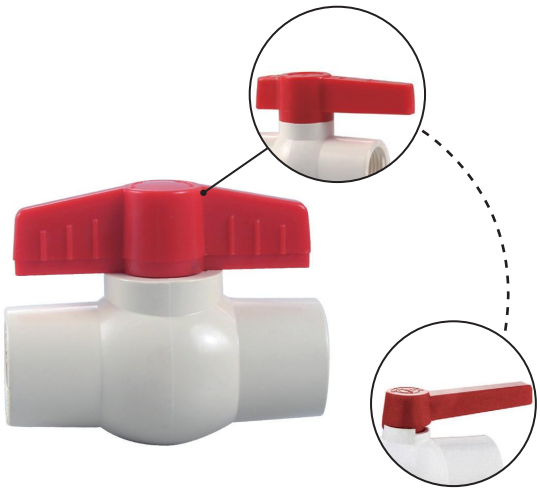
Plastic valves for swimming pools facilities

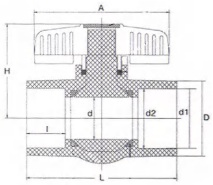
Plastic valves for waste water treatment

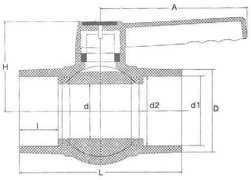
Plastic valves for aquaculture

Plastic valves for irrigation

Plastic valves for other industrial applications









Body colour

Handle color

V01001

V01002

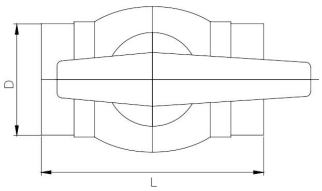
Compact Ball Valve

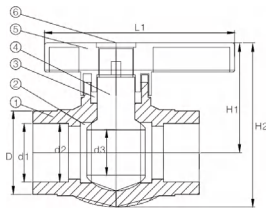
DN	SIZE	thd./in.		JIS			ANSI			DIN			NBR				
		NPT	BSPT	l	d1	d2	l	d1	d2	l	d1	d2	d	H	A	L	D
15	1/2"	14	14	20	22.3	21.7	20	21.54	21.23	20	20.3	20	20.3	37	25.81	71.54	28.52
20	3/4"	14	14	23	26.3	25.7	23	26.87	26.57	23	25.3	25	25.3	55	74.42	81.45	34.33
25	1"	11.5	11	25	32.33	31.67	25	33.65	33.27	25	32.3	32	32.3	66	91.15	95.51	42.32
32	1-1/4"	11.5	11	27	38.43	37.57	27	42.42	42.04	27	40.3	40	40.3	73	96.6	105	52.76
40	1-1/2"	11.5	11	31	48.46	47.54	31	48.56	48.11	31	50.3	50	50.3	81	106.6	119.4	60.07
50	2"	11.5	11	34	60.56	59.44	34	60.63	60.17	34	63.3	63	60.17	91	128.9	138.9	75.49
65	2-1/2"	8	11	45	76.6	75.87	45	73.38	72.85	45	75.3	75	75.3	99			
80	3*	8	11	50	89.6	88.83	50	89.31	88.7	50	90.3	90	90.3	121			
100	4"	8	11	55	114.7	114	55	114.8	114.1	55	110.4	110	110.4	134			



V01003

Npt New Pvc Ball Valve

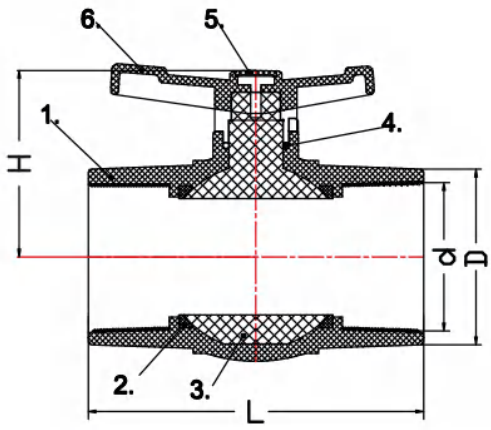




SIZE	d3	D	L	L1	H2
1/2"	15	28.7	73.7	82.5	62.2
3/4"	20	35.0	78.2	89.5	73.9
1"	25	42.7	88.0	102.8	86.6
1-1/4"	32	53.0	104.6	123.0	95.6
1-1/2"	40	61.0	123.6	148.1	113.4
2"	50	74.0	143.3	148.1	131.2

PART	MATERIAL	QTY
BODY	U-PVC	1
SEAT SEAL	TPE	2
STEM O-RING	NBR/EPDM	1
BALL	PP	1
HANDL.E	ABS/PP/U-PVC	1
CAP	ABS/PP	1





Body colour

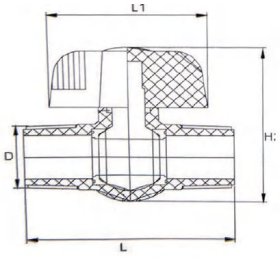
Handle color

V01004

Octagan Ball Valves

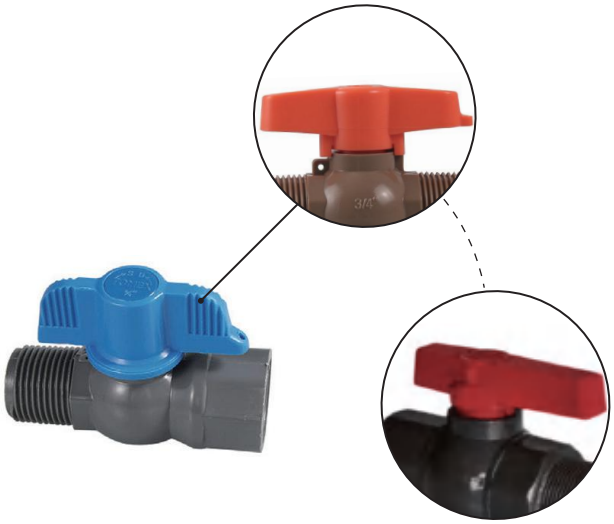
size	JIS d	BS d	ANSI d	DIN d	NPT Thi/in	BSP Thi/in	L	H	D
1/2"	22	22	21.34	20	14	14	75	44.25	30.53
3/4"	26	26	26.67	25	14	14	88.6	47.75	34.9
1"	34	34	33.4	32	11.5	11	98	57.8	44.02
1-1/4"	42	42	42.16	40	11.5	11	108	67.39	53.2
1-1/2"	48	48	48.26	50	11.5	11	131.5	71.5	58.24
2"	60	60	60.33	63	8	11	142	87.9	76.26
2-1/2"	76	76	73	75	8	11	171	104.7	94.39
3"	89	89	88.9	90	8	11	210	113.02	106.1
4"	114	114	114.3	110	8	11	260.6	114.43	136.47

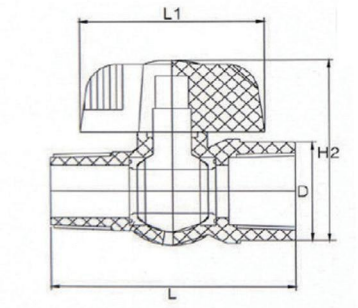




V01005 M/F BALL VALVE

SIZE	d3	D	L	L1	H2
1/2"	15	20.2	66	60.3	57.3
3/4"	20	25.6	76	60.5	64. 6

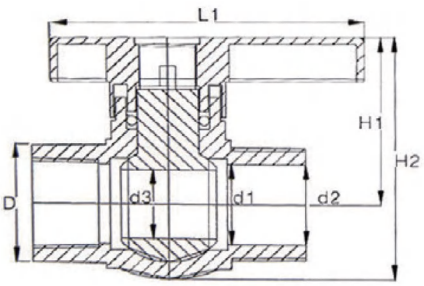




V01006 M/F BALL VALVE

SIZE	d3	D	L	L1	H2
3/4'	20	25.5	76.3	60.5	63.6
1"	25	31.7	105.8	88.6	85.5
1-1/2"	40	46.4	137.8	114.7	109.1
2"	50	57.5	152.6	138.5	132

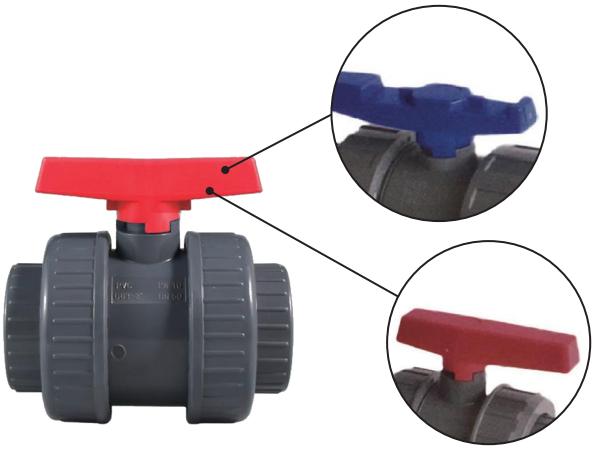


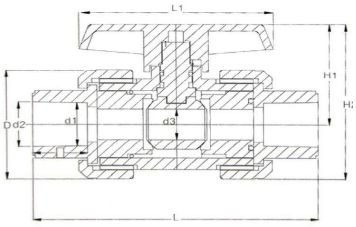


V01007 M/F BALL VALVE

size	JIS d	BS d	ANSI d	DIN d	NPT Thi/in	BSP Thi/in	L	H	D
1/2"	22	22	21.34	20	14	14	75	44.25	30.53
3/4"	26	26	26.67	25	14	14	88.6	47.75	34.9
1"	34	34	33.4	32	11.5	11	98	57.8	44.02
1-1/4"	42	42	42.16	40	11.5	11	108	67.39	53.2
1-1/2"	48	48	48.26	50	11.5	11	131.5	71.5	58.24
2"	60	60	60.33	63	8	11	142	87.9	76.26
2-1/2"	76	76	73	75	8	11	171	104.7	94.39
3"	89	89	88.9	90	8	11	210	113.02	106.1
4"	114	114	114.3	110	8	11	260.6	114.43	136.47

TOMEX





V01008 Ture Union Ball Valve NPT

SIZE	d3	D	L	L1	H2
1/2"	15	48.8	111	79	72.5
3/4"	20	60.5	127	90	87
1"	25	69.5	139	103	112
1-1/4"	32	83	158	110	120
1-1/2"	40	95	174	120	134.7
2"	50	114	210	140	162
2-1/2"	65	133.6	214	160	189
3"	80	168	254	180	232
4"	100	194.8	291	200.5	264

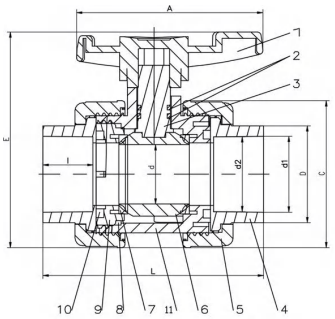




Body colour

Handle color

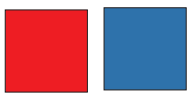




V01009 Ture Union Ball Valve NPT

Type	DN20	DN25	DN32	DN40	DN50	DN63	DN75	DN90	DN110
Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
I	16.5	19.5	22.0	26.4	31.5	38.4	41.7	51.5	60.7
d1	21.5	27.0	33.9	42.5	49.0	61.1	73.6	89.6	115.1
d2	21.2	26.5	33	42	48.5	85.9	73	88.5	113.7
d	15.5	20.5	25.3	29.1	38.7	48.7	58.4	73.5	97.3
C	54.5	59	68.7	89	93.9	115.5	138.8	167.7	210
E	77	89.0	103.3	118	138.4	165.2	193.5	228.5	277
A	67.7	76.7	86.4	101.4	118. 8	145.5	178.3	209.2	248
L	81	92	104.8	122.2	143.2	173.1	209	244.3	285. 4
D	28 85	34.9	43.2	51.9	61.9	75.1	88.4	106	130.3





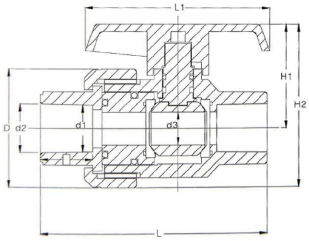
Body colour

Handle color

BALL VALVE

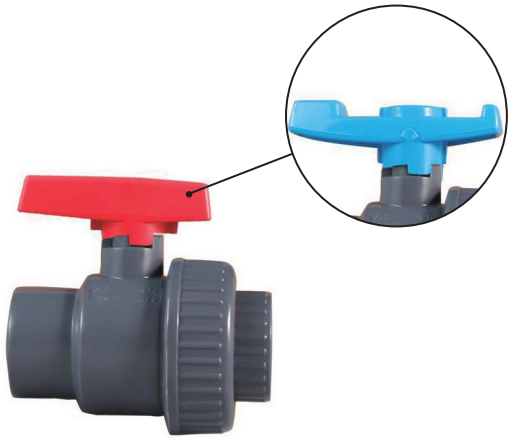


Body colour Handle color

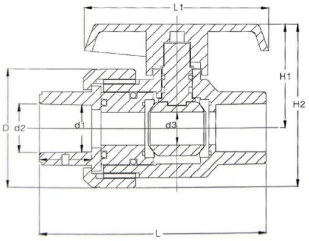


V01010 Single union ball valve

SIZE	d3	D	L	L1	H2
1/2"	15	48.8	111	79	72.5
3/4"	20	60.5	127	90	87
1"	25	69.5	139	103	112
1-1/4"	32	83	158	110	120
1-1/2"	40	95	174	120	134.7
2"	50	114	210	140	162
2-1/2"	65	133.6	214	160	189
3"	80	168	254	180	232
4"	100	194.8	291	200.5	264



Body colour Handle color

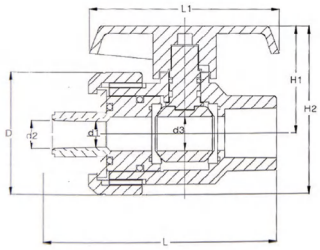


V01011 Single union ball valve

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
l	16. 65	18.6	22.7	26.8	30.9	39.5	41.8	51.7	60.2
d1	20.4	25.5	33.8	39.5	50.8	63.7	75.6	90.6	111.0
d2	20	25	33.3	36.5	50	63	75	90	110
d	15.1	20.1	25.2	28.9	38.8	48.6	58.7	73.5	97.5
C	54	59.3	68.3	79.1	94.1	115.5	138.3	160	210.2
E	75.5	86.0	99.4	115.4	134.5	163	188	225	270
A	60.2	67.1	74.6	84.6	94.2	109.3	125.5	139	158.7
A1	67.7	76.7	86.4	101.4	118.8	145.6	178.3	209.8	247.6
L	76.3	86.5	98.4	113.3	139.8	165.3	198.5	230.9	275.6
D	28	34.8	43	52	62.2	75.3	88.6	106.1	130.8



Body colour Handle color

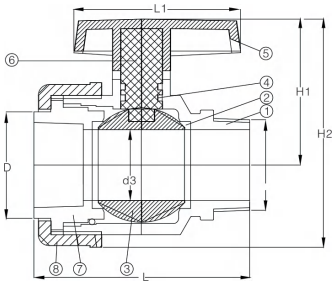


V01012 Single union ball valve

SIZE	d3	D	L	L1	H2
1/2"	15	48.8	111	79	72.5
3/4"	20	60.5	127	90	87
1"	25	69.5	139	103	112
1-1/4"	32	83	158	110	120
1-1/2"	40	95	174	120	134.7
2"	50	114	210	140	162
2-1/2"	65	133.6	214	160	189
3"	80	168	254	180	232
4"	100	194.8	291	200.5	264

TOMEX

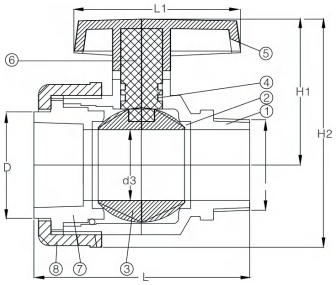




V01013 Doube single union ball valve

Size	d3	D	L	L1	H2
3/4"	20	57.5	78.5	65.3	87.9
1"	25	41.5	88.8	22	101
1-1/4"	32	51	103.5	23.8	116
1-1/2"	40	89.5	123.1	93.4	127.1
2"	50	110.2	133.1	107.9	159

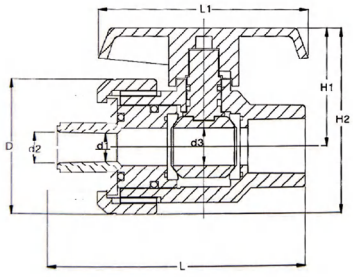




V01014 Doube single union ball valve

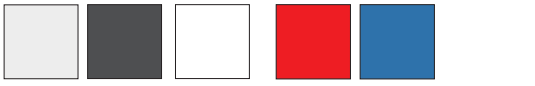
Size	d3	D	L	L1	H2
3/4"	20	57.5	78.5	65.3	87.9
1"	25	41.5	88.8	22	101
1-1/4"	32	51	103.5	23.8	116
1-1/2"	40	89.5	123.1	93.4	127.1
2"	50	110.2	133.1	107.9	159





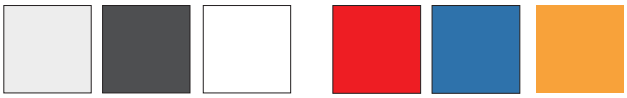
V01015 Doube single union ball valve

Size	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
I	16. 65	18.6	22.7	26.8	30.9	39.5	41.8	51.7	60.2
d1	20.4	25.5	33.8	39.5	50.8	63.7	75.6	90.6	111.0
d2	20	25	33.3	36.5	50	63	75	90	110
d	15.1	20.1	25.2	28.9	38.8	48.6	58.7	73.5	97.5
C	54	59.3	68.3	79.1	94.1	115.5	138.3	160	210.2
E	75.5	86.0	99.4	115.4	134.5	163	188	225	270
A	60.2	67.1	74.6	84.6	94.2	109.3	125.5	139	158.7
A1	67.7	76.7	86.4	101.4	118.8	145.6	178.3	209.8	247.6
L	76.3	86.5	98.4	113.3	139.8	165.3	198.5	230.9	275.6
D	28	34.8	43	52	62.2	75.3	88.6	106.1	130.8

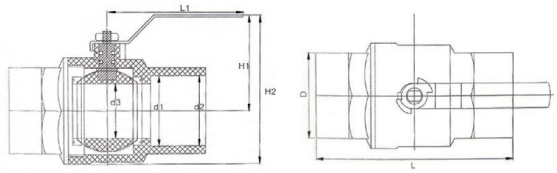


Body colour Handle color





Body colour Handle color



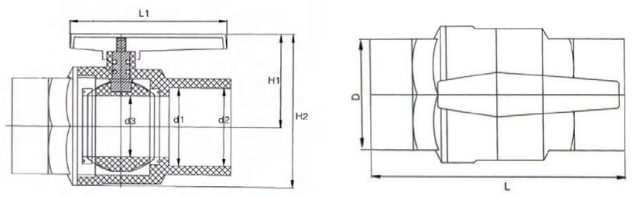
V01016 TWO PIECES BALL VALVE-SS201 HANDLE

SIZE	d3	D	L	L1	H2
1/2"	15	29	93	80	54.5
3/4"	20	33.2	100	80	61
1"	25	42.1	114.8	82	76
1-1/4"	29	54	128	110.6	90.4
1-1/2"	38	61	139.4	113	103.5
2"	47	74.6	169	121.5	122.4
2-1/2"	57	91	197	140.8	144
3"	68	105.6	251	192	176
4'	86	135	282	214	196





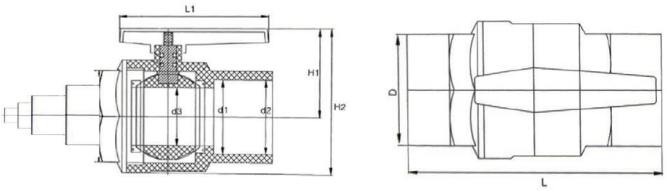
Body colour Handle color



V01017 TWO PIECES BALL VALVE-SS201 HANDLE

SIZE	d3	D	L	L1	H2
1/2"	15	29	93	78.5	62.5
3/4"	20	33.2	100	78.5	68
1"	25	42.1	114.8	85.1	84.3
1-1/4"	29	54	128	94.1	95.7
1-1/2"	38	61	139.4	102.6	107.4
2"	47	74.6	169	127.9	122





V01018 TWO PIECES BALL VALVE-SS201 HANDLE

SIZE	d3	D	L	L1	H2
1/2"	15	29	93	78.5	62.5
3/4"	20	33.2	100	78.5	68
1"	25	42.1	114.8	85.1	84.3
1-1/4"	29	54	128	94.1	95.7
1-1/2"	38	61	139.4	102.6	107.4
2"	47	74.6	169	127.9	122

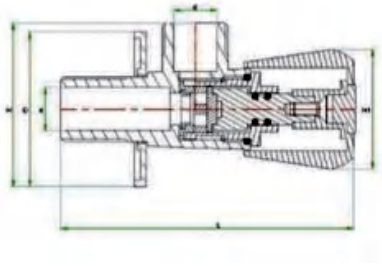


Body colour



Handle color

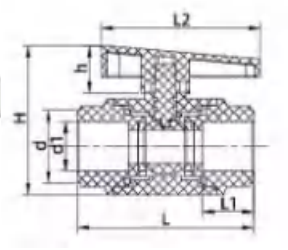




V01019 CPVC ANGLE VALVES

size	d	D	L	H	H1
1/2"	13.5	48	91	51	37





V01020 THREE PIECES BALL VALVE

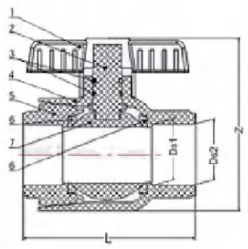
Size	d	d1	L	L1	L2	H	h
1/2"	32	21.7	77.9	22.6	70	65.3	20.8
3/4"	36	26.9	106.2	31.2	80	76	24.2
1”	43	33.6	116.5	35	90	83.4	23.9
1-1/4"	53	40.4	127	35	100.2	101.4	29.2
2”	74.7	63.4	147.8	37.8	130.3	135.9	33.8

NO.	PART	MATERIAL	QTY
1	BODY	PVC	1
2	SEAT SEAL	TPE	2
3	STEM O-RING	NBR	1
4	BALL	PVC ;	1
5	STEM	POM	1
6	HANDLE	ABS	1



Body colour Handle color





V01021 CPVC SCH80 BALL VALVE

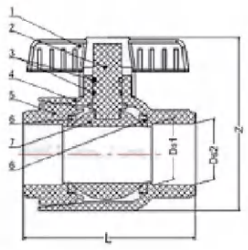
NO.	PART	MATERIAL	QTY
1	Handle	ABS	1
2	Stem	CPVC	1
3	O-Ring	NBR/EPDM	2
4	Body	CPVC	1
5	Cap	CPVC	1
6	Seat seal	TPR/TPE	2
7	Ball	CPVC	1

Size	Ds1	Ds2	L	Z
1/2	15.72	16.08	61.5	50.5
3/4	22.10	22.45	74.5	77.5
1	28.47	28.83	93.0	98.5
1-1/4	34.85	35.20	109.5	99.5
1-1/2	41.20	41.66	129	115
2	53.92	54.38	162	145.5



Body colour Handle color

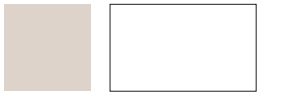




V01022 CPVC 2846 BALL VALVE

NO.	PART	MATERIAL	QTY
1	Handle	ABS	1
2	Stem	CPVC	1
3	O-Ring	NBR/EPDM	2
4	Body	CPVC	1
5	Cap	CPVC	1
6	Seat seal	TPR/TPE	2
7	Ball	CPVC	1

Size	Ds1	Ds2	L	Z
1/2	15.72	16.08	61.5	50.5
3/4	22.10	22.45	74.5	77.5
1	28.47	28.83	93.0	98.5
1-1/4	34.85	35.20	109.5	99.5
1-1/2	41.20	41.66	129	115
2	53.92	54.38	162	145.5



Body colour Handle color