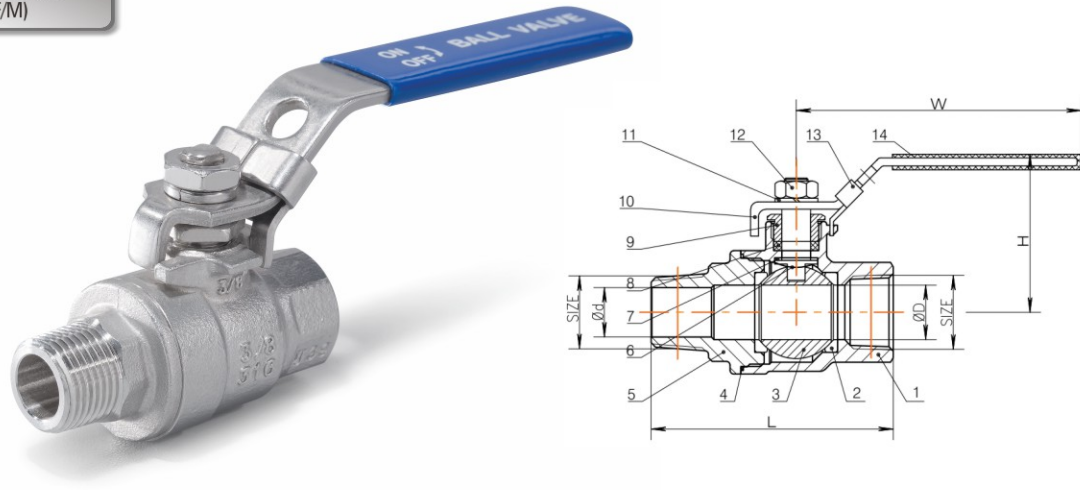
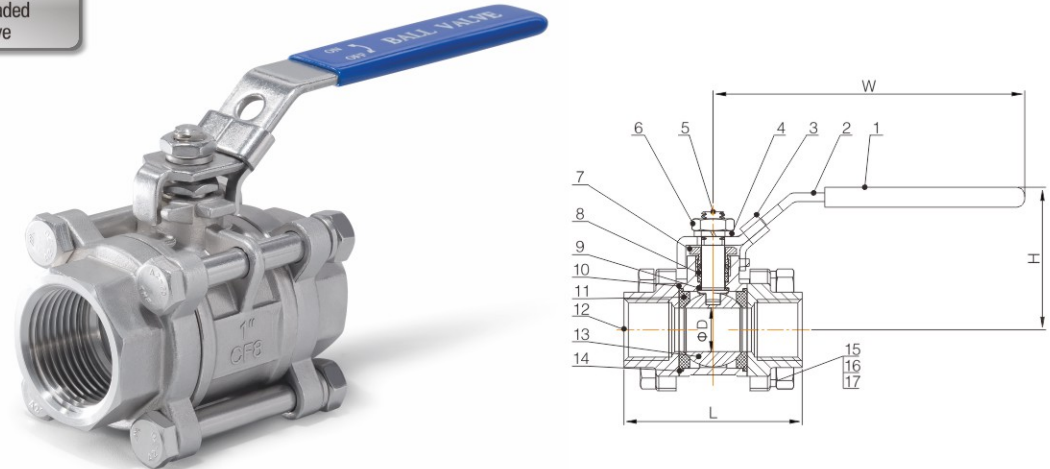


Manual Ball Valve

422 Series
2-PC Ball Valve
(F/M)



431 Series
3-PC Threaded
Ball Valve



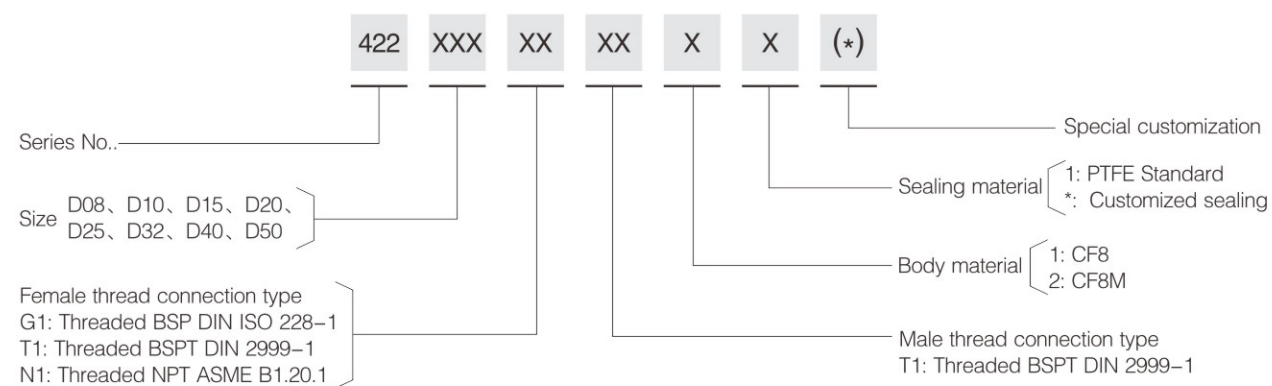
Technical Specification

- Nominal pressure: PN63
- Medium temperature: $-10^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Body and bonnet material: CF8/CF8M
- Ball material: CF8(304), CF8M(316)
- Seal material: PTFE
- Connection type: Female thread (BSP, BSPT, NPT); Male thread (BSPT)

Main Dimension

Size	DN8	DN10	DN15	DN20	DN25	DN32	DN40	DN50
ΦD	12.5	12.5	15	20	25	32	38	50
Φd	8	8	13.6	18.2	23	31	36	48
L	55	55	67.5	78	91	101	107	132
W	106	106	106	116	148	148	182	182
H	49	49	51	58	73	79	85	95

Order Instruction



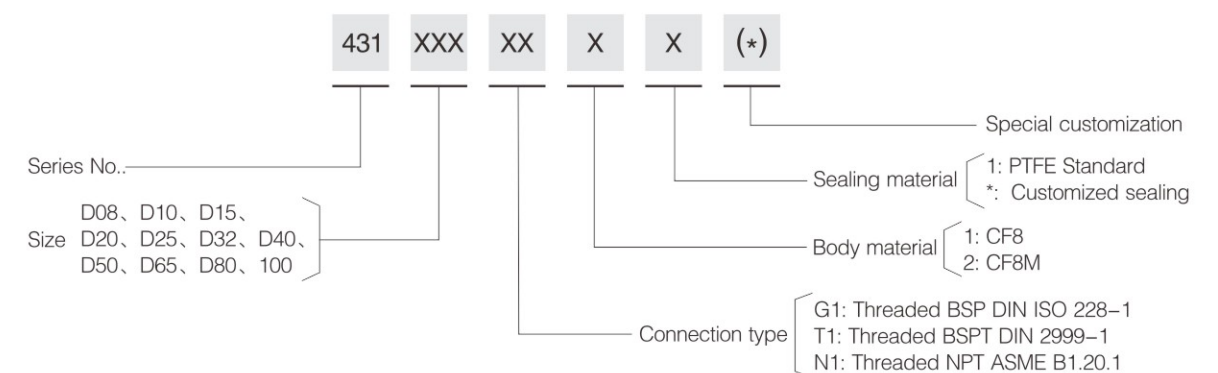
Technical Specification

- Nominal pressure: PN63
- Medium temperature: $-10^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Body and bonnet material: CF8/CF8M
- Ball material: CF8(304), CF8M(316)
- Seal material: PTFE
- Connection type: Threaded connection (BSP, BSPT, NPT)

Main Dimension

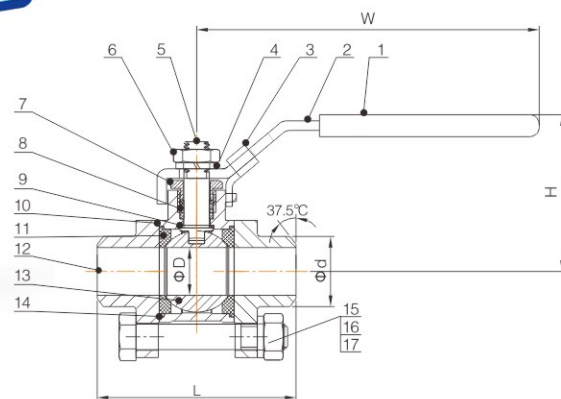
Size	DN8	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
ΦD	12.5	12.5	15	20	25	32	38	50	62	76	94
L	50.5	50.5	61.5	70	80.5	93	103	125	158	179	213
H	48	48	52	61	65	79	83	97	135	144	149
W	100	100	100	127	127	154	154	192	244	244	285

Order Instruction

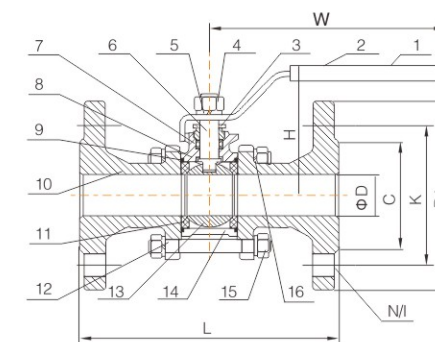
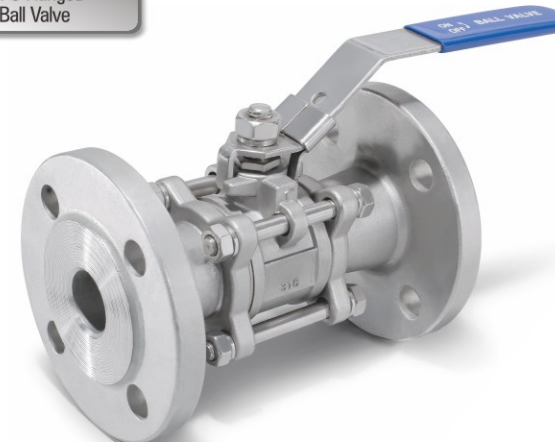


Manual Ball Valve

432 Series
3-PC Butt Weld
Ball Valve



433 Series
3-PC Flanged
Ball Valve



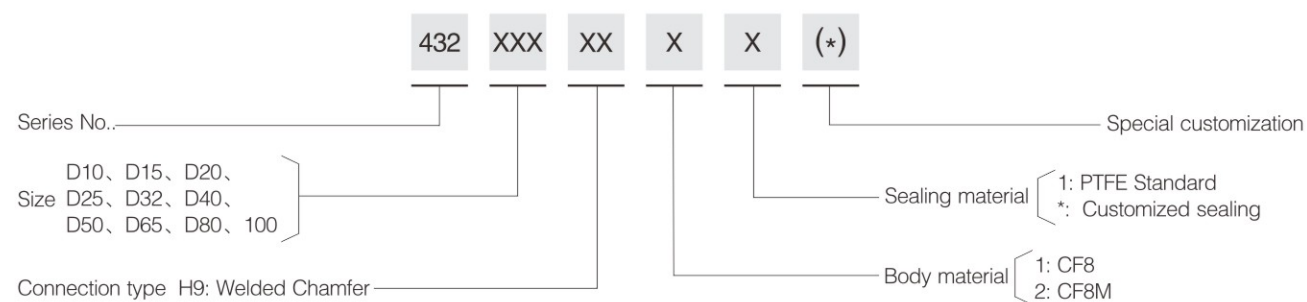
Technical Specification

- Nominal pressure: PN63
- Medium temperature: $-10^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Body and bonnet material: CF8/CF8M
- Ball material: CF8(304), CF8M(316)
- Seal material: PTFE
- Connection type: Welded connection

Main Dimension

Size	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
ΦD	12.5	15	20	25	32	38	50	65	76	94
Φd	18	22	27.5	33.5	44	50	61.6	76.3	90	116
L	52.4	62.4	72.2	81.6	95	106	127.2	158	179	213
H	48	52	61	65	79	83	97	135	144	149
W	100	100	127	127	154	154	192	244	244	285

Order Instruction



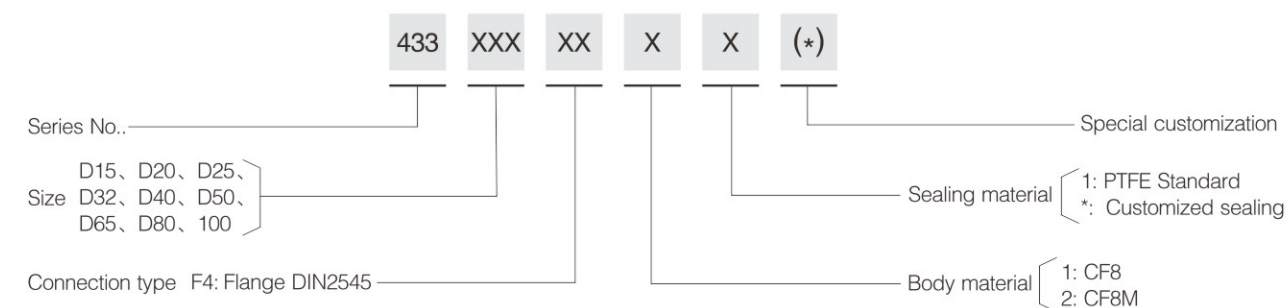
Technical Specification

- Nominal pressure: PN40
- Medium temperature: $-10^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Body and bonnet material: CF8/CF8M
- Ball material: CF8(304), CF8M(316)
- Seal material: PTFE
- Connection type: Flange (DIN2545)

Main Dimension

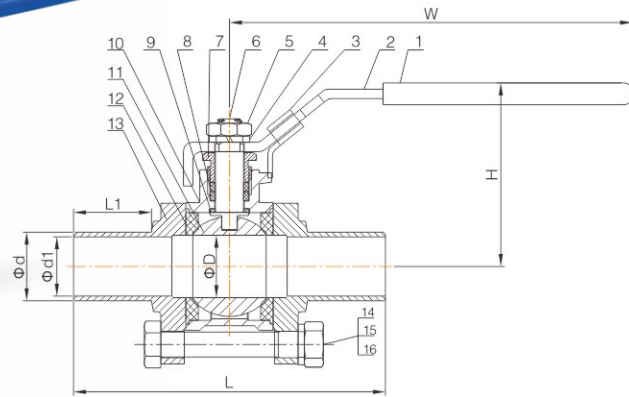
Size	ΦD	D1	K	C	L	H	W	N/I
DN15	15	95	65	45	130	88	146	4-14
DN20	20	105	75	58	150	90	146	4-14
DN25	25	115	85	68	160	96	153	4-14
DN32	32	140	100	78	180	105	153	4-18
DN40	40	150	110	88	200	120	217	4-18
DN50	50	165	125	102	230	130	217	4-18
DN65	65	185	145	122	290	160	251	8-18
DN80	80	200	160	138	310	175	251	8-18
DN100	100	235	190	162	350	200	291	8-22

Order Instruction

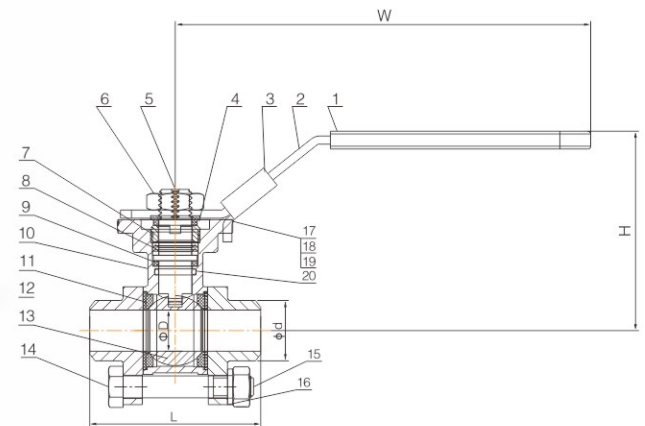


Manual Ball Valve

434 Series
3-PC Extended Butt
Weld Ball Valve



441 series
3-PC Butt Weld Ball Valve
with Mounting Pad



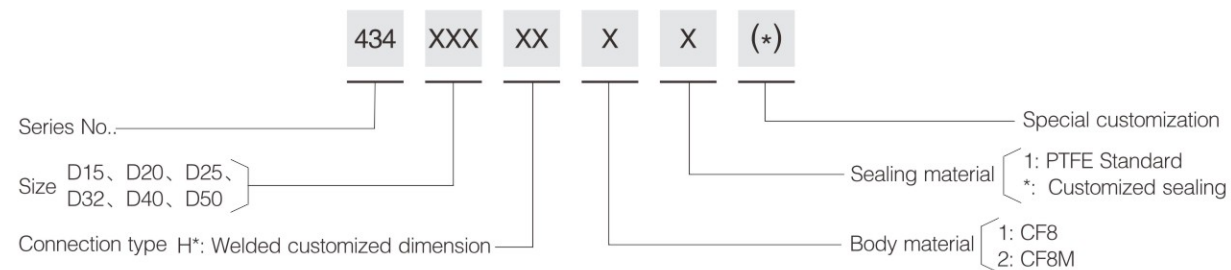
Technical Specification

- Nominal pressure: PN63
- Medium temperature: $-10^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Body and bonnet material: CF8/CF8M
- Ball material: CF8(304), CF8M(316)
- Seal material: PTFE
- Connection type: Extended butt weld

Main Dimension

Size	ΦD	Φd	Φd1	L	L1	H	W
DN15	15	18	15	93.5	25	52	100
DN20	20	22	19	100	25	61	127
		25.4	22.4				
		28	25				
		21	18				
DN25	25	25.4	22.4	107.5	25	65	127
		28	25				
		31.8	28.8				
		34	31				
DN32	32	31.8	28.8	118	25	79	154
		34	31				
		38.1	35.1				
		40	37				
DN40	38	38	35	127	25	83	154
		40	37				
DN50	50	57	54	127.5	18	97	192

Order Instruction



Technical Specification

- Nominal pressure: PN63
- Medium temperature: $-10^{\circ}\text{C} \sim +120^{\circ}\text{C}$
- Body and bonnet material: CF8/CF8M
- Ball material: CF8(304), CF8M(316)
- Seal material: PTFE
- Connection type: Welded connection

Main Dimension

Size	DN10	DN15	DN20	DN25	DN32	DN40	DN50
ΦD	12.5	15	20	25	32	38	50
Φd	18	22	27.5	33.5	44	50	61.6
L	52.4	62.4	72.2	81.6	95	106	127.2
H	72	75	81	88	94	106	121
W	140	140	140	160	160	185	185

Order Instruction

