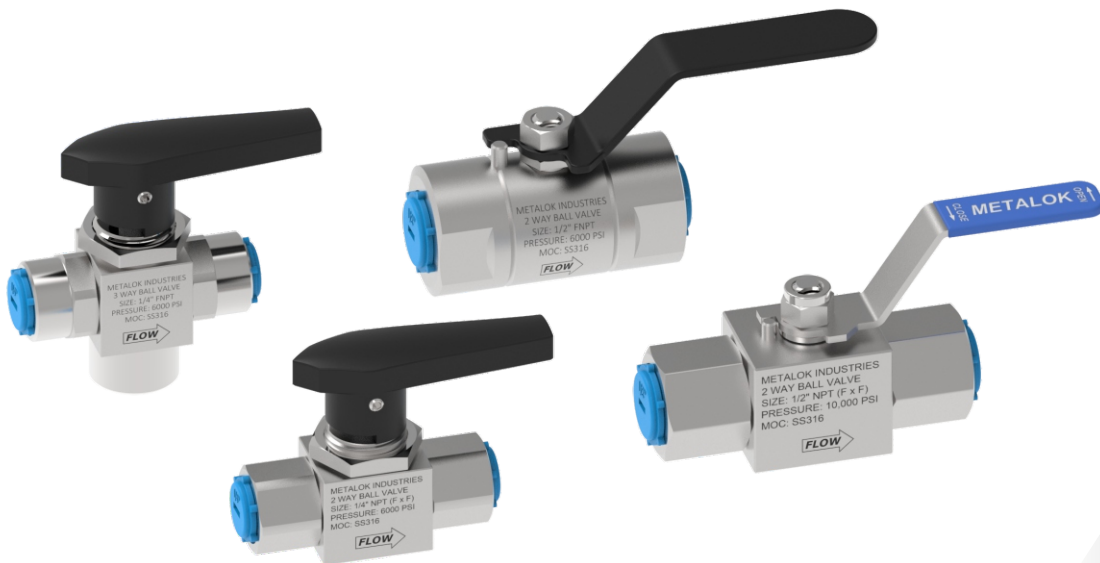




METALOK INDUSTRIES
(AN ISO 9001: 2015 Certified Company)

BALL VALVES

CATALOGUE



***Most Cost Effective, World Class Quality
Flow Control Components for Wide Range
of Industries and Applications***



BALL VALVE

- Ball Valve 2 Way, One Piece Design, Round Body Design
- Ball Valve 2 Way, Two Piece Design, Square Body Design
- Ball Valve 2 Way, Square Body Design, OD, Double
- Ball Valve 3 Way, OD, Double Ferrule Compression
- Ball Valve, 3 Way, Female Pipe, Connection, NPT, BSP, SW
- Panel Ball Valve / Plug Valve, OD, Double
- Panel Ball Valve 2 Way, Two Piece Design, Square Body Design
- Ball Valve 5 Way, OD, Double Ferrule Compression



COMPANY DETAILS



METALOK INDUSTRIES

(AN ISO 9001: 2015 Certified Company)



ABOUT US

Founded in 2013, **METALOK INDUSTRIES** has rapidly emerged as a trailblazer in international markets, distinguished by its unwavering commitment to total quality and unparalleled flexibility.

Our journey to success is rooted in years of profound experience within the steel industry, coupled with a keen understanding of our customers evolving needs. **METALOK INDUSTRIES** stands out through exclusive testing, certified products, stringent quality standards, and an unwavering dedication to exceptional customer service, positioning us as a true global performer and a trusted partner for our clientele.

What sets us apart is our ability to deliver any size, any grade, and any quality at a competitive price across various forms – pipes, tubes, plates, flanges, fittings, fasteners, valves, bars, and customized forgings. This exemplifies our exceptional flexibility. Our commitment to meeting customer delivery needs and adhering to complex technical specifications underscores our unwavering dedication to total quality.

At the heart of our success is an unrivaled product portfolio, strategically headquartered in Mumbai, enabling us to foster enduring relationships with our clients. Our primary goal is to facilitate smooth deliveries, providing not just reassurance but peace of mind.

As part of our continuous improvement initiative, **METALOK INDUSTRIES** consistently strives to maintain a market-leading position through ongoing research, strategic investments, and a culture of innovation.

Drawing upon extensive engineering experience, our mission is not just to meet our client's needs but to exceed their expectations, delighting them with unparalleled product and service quality.

Our Commitment: We are committed to:

Offering a comprehensive range of high-quality products and services across various fields. Executing all aspects of our work with the highest level of professionalism and excellence. Providing exceptional workmanship.

Our Vision

To be the benchmark of the Indian Stainless Steel Tube Industry, delivering superior value products through innovation and operational excellence.

Our Mission

Aligned with the vision and values of our founders, we aim to fortify India's industrial base by leveraging cutting-edge technology, ensuring high productivity, and adhering to modern management practices. Recognizing honesty and integrity as essential pillars of a robust enterprise, we understand that profitability ignites the engine of economic activity.



BALL VALVE

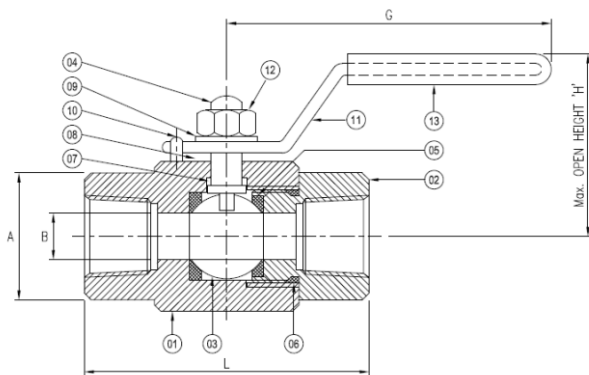


Dimensions are for reference onl

Warning for Your Safety

The system designer and user have the sole responsibility to select products suitable for their special application requirements to ensure the proper installation. Operation and maintenance of the product. Application details, material compatibility and product ratings should all be considered in the individual selection. Improper selection or use of products can cause property damage or personal injury. METALOK accepts no liability for any improper selection, installation, operation or maintenance.

BALL VALVE



BALL VALVE 2 WAY, ONE PIECE DESIGN **Upto 3000 psi, Round Body Design**

STANDARD DIMENSION TABLE			
14	SLEEVE	PVC	1 1
13	HANDLE	SS	1 1
12	BOLT	CS	1 1
11	WASHER	SPRING S T E E L	1 1
10	CAM PLATE	MS	1 1
9 8	STOPPER PIN	SS316	1 1
7 6	S. WASHER	PTFE	1 1
5 4	P . WASHER	PTFE	QTY.
3 2	B. WASHER	PTFE	
1	GLAND NUT	SS	
No	STEM	SS316	
.	BALL	SS316	
	CONNECTOR	SS316	
	BODY	SS316	
	DESCRIPTION	MATERIAL	

Part Number	SIZE	A	B	C	D	SW
MITWB2	2 "	140	195	105	50	16
MITWB15	1 1/2 "	125	195	95	40	16
MITWB1	1 "	111	160	80	25	14
MITWB34	3/4 "	95	150	75	20	14
MITWB12	1/2 "	84	130	50	12	9 9
MITWB38	3/8"	70	65	50	10	9
MITWB14	1/4 "	51	60	40	6	

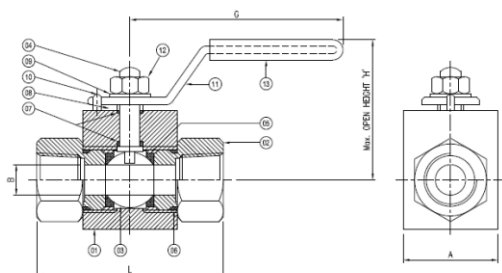
- Option of Carbon Steel Handle / Stainless Steel Handle
- Option of Male/Female Threading
- Option of NPT ,BSP, Socket Weld Threading

Also Available in Hex Body



BALL VALVE

BALL VALVE 2 WAY, TWO PIECE DESIGN Upto 6000 psi, Square Body Design



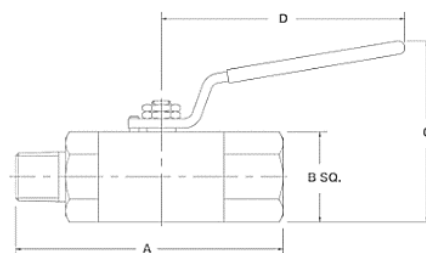
No.	Description	Material of Construction			Qty.
1	Body	SS 316	SS 304	CS A105	1
2	Adopter	SS 316	SS 304	CS A105	2
3	Ball	SS 316	SS 304	SS304	1
4	Stem	SS 316	SS 304	SS304	1
5	Seats	P. T.F.E.	P. T.F.E.	P. T.F.E.	2
6	Joint Seal	Viton	Viton	Viton	2
7	Gland Seals	P.T.F.E.	P.T.F.E.	P.T.F.E.	2
8	Retainer	SS	SS	SS	1
9	Washer	SS	SS	C.S.	1
10	Stop Pin	SS	SS	SS	1
11	Handle	SS	SS	CS Plated	1
12	Nut	SS	SS	CS Plated	1
13	Sleeve	P. V.C.	P. V.C.	P. V.C.	1

➤ Option of Carbon Steel
Handle / Stainless Steel
Handle

➤ Option of NPT ,BSP,
Socket Weld Threading

Part No.*	IN/OUTLET NPT-F	Dimension					
		L	G	H	B	A	CV
MIBV/6K/FF/2N	1/4"	66	120	44	6.4	30	9.6
MIBV/6K/FF/4N	3/8 "	71	120	48	9.5	32	9.6
MIBV/6K/FF/8N	1/2"	84	140	55	12	35	9.6
MIBV/6K/FF/12N	3/4 "	95	192	75	19	50	13
MIBV/6K/FF/16N	1"	110	192	80	25	56	13
MIBV/6K/FF/20N	1 1/4"	118	195	90	32	70	13
MIBV/6K/FF/24N	1 1/2"	130	220	110	38	80	16
MIBV/6K/FF/32N	2"	140	270	120	50	98	16

➤ Option of Male/Female Threading



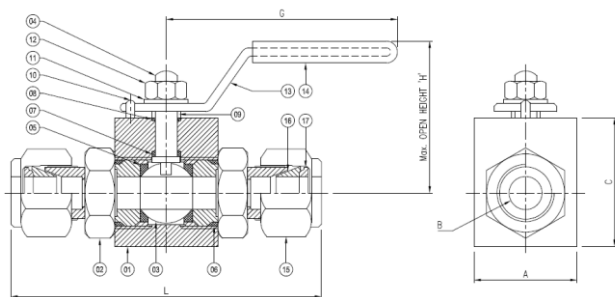
Dimensions are for reference only and subject to change without notice.

Warning for Your Safety

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BALL VALVE

BALL VALVE, 2 WAY, SQUARE BODY DESIGN OD, DOUBLE FERRULE COMPRESSION



No.	Description	Material of Construction	Qty.
1	Body	SS 316	1
2	Adopter	SS 316	2
3	Ball	SS 316	1
4	Stem	SS 316	1
5	Seats	A. P.T.F.E.	2
6	Joint Seal	Viton	2
7	Gland Seals	P.T.F.E.	1
8	Back-up Seal	A. P.T.F.E.	1
9	Retainer	SS 304	1
10	Stop Pin	SS 304	1
11	Washer	CS Plated	1
12	Stem Nut	CS Plated	1
13	Handle	CS Plated	1
14	Sleeve	P.V.C.	1
15	Nut	SS 316	2
16	Front Ferrule	SS 316	2
17	Back Ferrule	SS 316	2

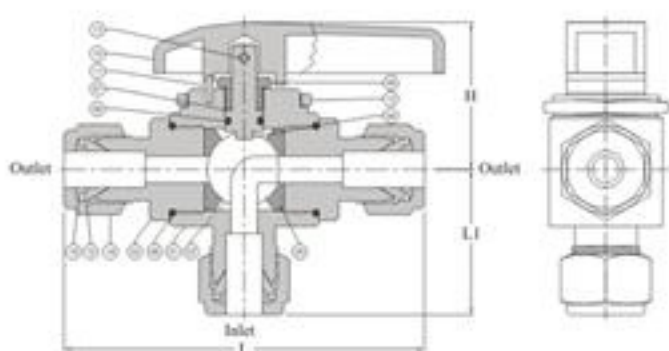
- Option of Carbon Steel Handle / Stainless Steel Handle**

Part No.	INLET/ OUTLET OD	Dimension						CV
		L	A	C	B	H	G	
MIBV/6K/T-2	1/8 "	72	25	28	2.2	37	95	0.29
MIBV/6K/T-4	1/4 "	80	25	30	4.8	38	95	1.30
MIBV/6K/T-6	3/8 "	85	28	32	7	38	95	2.60
MIBV/6K/T-8	1/2 "	97	32	38	10	52	135	9.85
MIBV/6K/T-12	3/4 "	110	40	45	15	55	135	16.88
MIBV/6K/T-16	1 "	120	42	45	19	55	150	18.80
MIBV/6K/T-4M	4MM	72	25	28	2.5	37	95	0.29
MIBV/6K/T-6M	6MM	80	25	30	4.8	38	95	1.30
MIBV/6K/T-10M	10MM	85	28	32	7	38	95	2.60
MIBV/6K/T-12M	12MM	97	32	38	10	52	135	9.85
MIBV/6K/T-18M	18MM	110	40	45	15	55	135	16.88
MIBV/6K/T-25M	25MM	120	42	45	19	55	150	18.80



BALL VALVE

BALL VALVE, 3 WAY, OD, DOUBLE FERRULE COMPRESSION

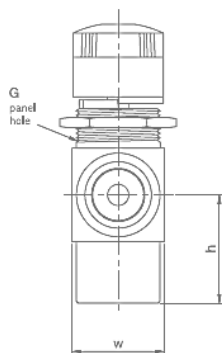
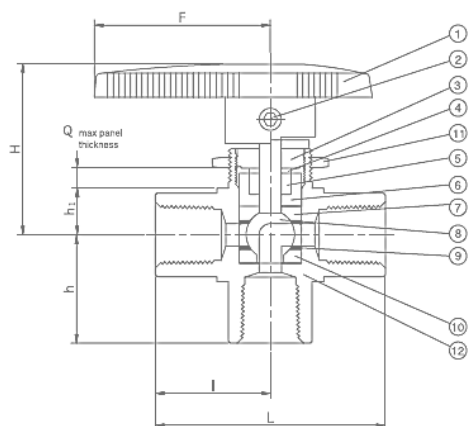


No.	Description	Material of Construction	Qty.
1	Body	SS 316	1
2	Adopter	SS 316	2
3	Ball	SS 316	1
4	Spindle	SS 316	1
5	Seats	PTFE / POM	2
6	Joint Seal	Viton/Buna-N	2
7	Gland Seals	P. T.F.E.	1
8	'O' Ring	Viton / Buna-N	1
9	Gland Nut	SS 316	1
10	Handle	Nylon	1
11	Stop Pin	SS 316	1
12	Panel Nut	SS 316	1
13	L N Screw	SS 316	1
14	NUT	SS 316	1
15	Front Ferrule	SS 316	3
16	Back Ferrule	SS 316	3

Part No.	INLET/OUTLET	Dimension			CV
	Tube OD	L	H	L1	
MIBV/6K/3T-2	1/8 "	78	55	33	0.21
MIBV/6K/3T-4	1/4"	82	55	36	0.70
MIBV/6K/3T-6	3/8"	86	55	38	0.87
MIBV/6K/3T-8	1/2"	92	60	44	1.35
MIBV/6K/3T-12	3/4 "	98	65	48	3.10
MIBV/6K/3T-16	1 "	110	70	52	4.10
MIBV/6K/3T-3M	3MM	78	55	33	0.21
MIBV/6K/3T-6M	6MM	82	55	36	0.70
MIBV/6K/3T-10M	10MM	86	55	38	0.87
MIBV/6K/3T-12M	12MM	92	60	44	1.35
MIBV/6K/3T-18M	18MM	98	65	48	3.10
MIBV/6K/3T-24M	24MM	110	70	52	4.10

BALL VALVE

BALL VALVE,3 WAY, Female Pipe Connection, NPT,BSP,SW



No.	Description	
1	Handle	Nylon
2	Set Screw	Steel
3	Packing Bolt	316SS
4	Upper Gland	316SS
5	Bushing	PTFE
6	Lower Gland	316SS
7	Upper Packing	PTFE
8	Ball Stem	316SS
9	Side Disk	316SS
10	Lower Packing	PTFE
11	Panel Nut	304SS
12	Body	316SS

Part No.	P (NPT)Orifice	Cv	L	I	h	h1	H	G	Q	W	F	
MISBCVF-04N	1/4 "	4.8	0.9	52.3	26.2	26.2	11.1	39.6	19.8	4.8	19.8	38.8
MISBCVF-06N	3/8 "	10.3	3.5	79.2	39.6	39.6	17.5	61.9	38.1	9.4	38.1	76.2
MISBCVF-08N	1/2 "	10.3	3.5	79.2	39.6	39.6	17.5	61.9	38.1	9.4	38.1	76.2

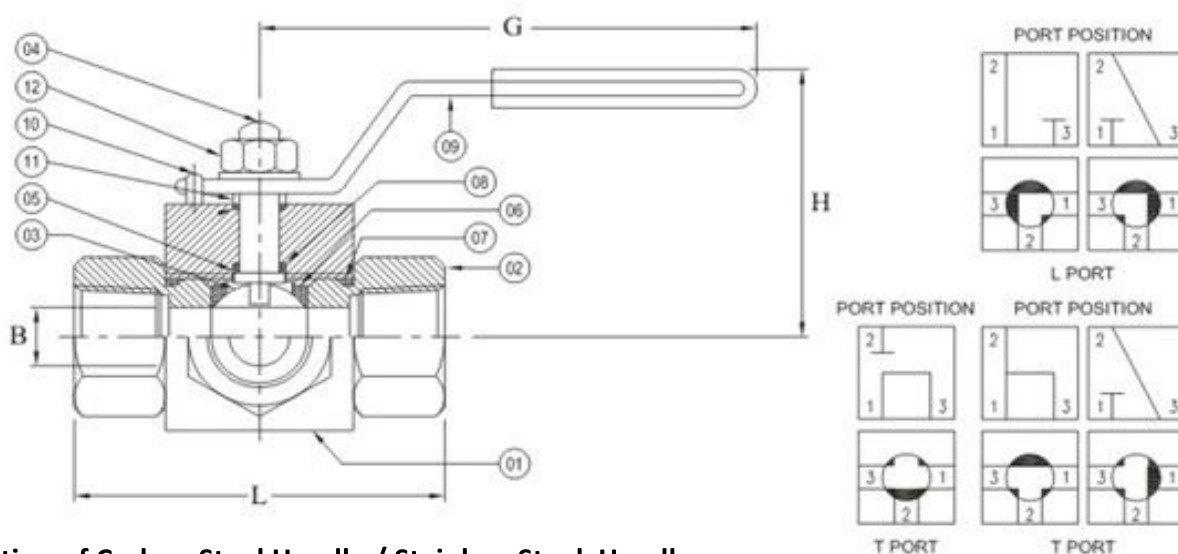
- **Option of Male/Female Threading**
- **Option of NPT ,BSP, Socket Weld Threading**

BALL VALVE

BALL VALVE, 3 WAY, Female Pipe Connection, NPT, BSP, SW



No.	Description	Material of Construction	Qty.
1	Body	SS 316	1
2	Adapter	SS 316	2
3	Ball	SS 316	1
4	Stem	SS 316	1
5	Seats	P. T.F.E.	2
6	Joint Seal	Viton	2
7	Gland Seals	P.T.F.E	1
8	Back-up Seal	P.T.F.E	1
9	Retainer	SS 304	1



➤ Option of Carbon Steel Handle / Stainless Steel Handle

➤ Option of Male/Female Threading

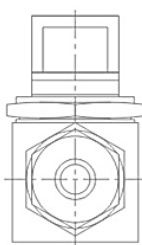
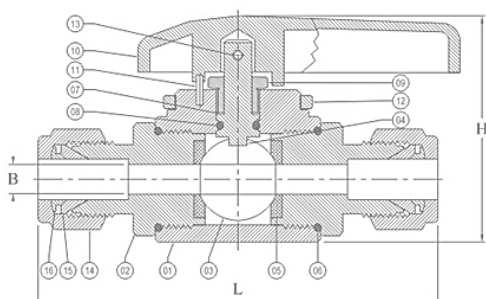
➤ Option of NPT ,BSP, Socket Weld Threading

Part No.	BSP/NPT/Weld 1/8 "
MIBV/6K/T-2	1/4 "
MIBV/6K/T-4	3/8 "
MIBV/6K/T-6	1/2 "
MIBV/6K/T-8	3/4 "
MIBV/6K/T-12	1 "
MIBV/6K/T-16	

INLET

BALL VALVE

PANEL BALL VALVE /PLUG VALVE OD,DOUBLE FERRULE COMPRESSION



No.	Description	Material of Construction	Qty.
1	Body	SS 316	1
2	Adapter	SS 316	2
3	Ball	SS 316	1
4	Spindle	SS 316	1
5	Seat	P.T.F.E.	2
6	Joint Seal	Viton / Buna-N	2
7	Gland Seal	P.T.F.E	1
8	O' Ring	Viton / Buna-N	1
9	Gland Nut	SS 316	1
10	Handle	Nylon	1
11	Stop Pin	SS 316	1
12	Panel Nut	SS 316	1
13	L N Screw	SS 304	1
14	Nut	SS 316	2
15	Front Ferrule	SS 316	2
16	Back Ferrule	SS 316	2



**Also Available in Compact
Body Design**



**Also Available in Forged
Body Design**

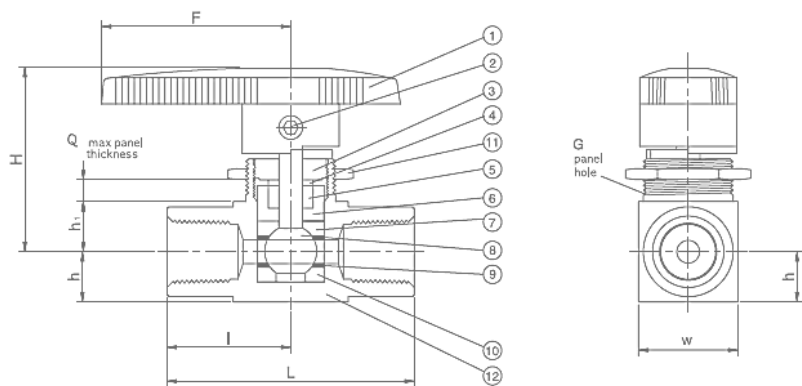
Part No.	INLET/OUTLET Tube	Dimension			CV
	OD	L	B	H	
MIBV/6K/PT-2	1/8"	73	2.4	55	0.26
MIBV/6K/PT-4	1/4 "	78	4.8	55	1.04
MIBV/6K/PT-6	3/8 "	83	7	55	2.34
MIBV/6K/PT-8	1/2 "	102	10	60	5.80
MIBV/6K/PT-12	3/4 "	115	15	65	6.42
MIBV/6K/PT-16	1"	135	19	70	7.82
MIBV/6K/PT-4M	4MM	73	2.4	55	0.26
MIBV/6K/PT-6M	6MM	78	4.8	55	1.04
MIBV/6K/PT-10M	10MM	83	7	55	2.34
MIBV/6K/PT-12M	12MM	102	10	60	5.80
MIBV/6K/PT-18M	18MM	115	15	65	6.42
MIBV/6K/PT-25M	25MM	135	19	70	7.82

BALL VALVE

PANEL BALL VALVE 2 WAY, TWO PIECE DESIGN Upto 6000 psi, Square Body Design



No.	Description	Material
1	Handle	Nylon
2	Set Screw	Steel
3	Packing Bolt	316SS
4	Upper Gland	316SS
5	Bushing Lower	PTFE
6	Lower Gland	316SS
7	Upper Packing	PTFE
8	Ball Stem	316SS
9	Side Disk	316SS
10	Lower Packing	PTFE
11	Panel Nut	316SS
12	Body	316SS



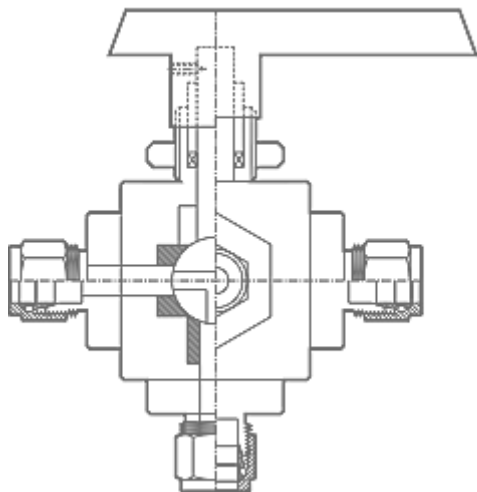
Part Number	SIZE
MIBVS2	2 "
MIBVS15	1 1/2 "
MIBVS1	1 "
MIBVS34	3/4 "
MIBVS12	1/2 "
MIBVS38	3/8 "
MIBVS14	1/4 "



Round End Finishing also available



BALL VALVE



BALL VALVE 5 WAY, OD,DOUBLE FERRULE COMPRESSION

PART No.	SIZE	T' Tube	D NPT	L
MIBV-PR-S-4TT	1/4 "	1/4 "	1.18	3.19
MIBV-PR-S-6TT	3/8 "	3/8 "	1.18	3.35
MIBV-PR-S-8TT	1/2 "	1/2 "	1.26	3.54



BALL VALVE 5 WAY, PIPE(NPT/BSP)

PART No.	SIZE	D NPT	L
MIBV-PR-S-4PI	1/4 "	1.18	3.19
MIBV-PR-S-6PI	3/8 "	1.18	3.35
MIBV-PR-S-8PI	1/2 "	1.26	3.54

➤ Option of Male/Female Threading

➤ 4 Way Ball Valve also available



METALOK INDUSTRIES

(AN ISO 9001: 2015 Certified Company)

Manufacturer, Exporter & Supplier of :

Stainless Steel, Carbon Steel, Alloy Steel, High Nickel Alloys, Tubes, Pipes, Pipe Fittings, Flanges, Plates, Rods, Fasteners, Ferrous & Non-Ferrous Metals, etc.

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