

# KIZZ IRAN

KIZZ IRAN industrial  
manufacturing Company  
appreciates  
consumers like you  
and would like to  
let you know that  
the company  
is about to introduce  
new line of  
products  
in the near future

KIZZ IRAN industrial  
manufacturing Company  
was founded in 1984  
as the first  
manufacturer of  
brass gate valves in Iran  
As the result of  
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company in  
manufacturing  
building faucets  
and valve for installations







**KIZZ IRAN Industrial Manufacturing Co.**

LTD., Registration No. 49

Since 1984

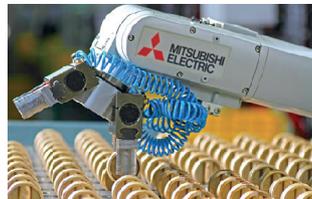
## About us

KIZZ IRAN industrial manufacturing company was founded in 1984 as the first manufacturer of brass gate valves in Iran. As a result of continuous endeavors, the company has become the biggest and most superior company in manufacturing building faucets and valves for installations. The company is very proud to have been able to receive the following honors and standards:

- To receive international quality prizes (Spain 1994, 2008, and Europe 2010)
- KIZZ IRAN Industrial Manufacturing Company has been the first company in its class to receive a Standardization certificate from the Iranian Institute of Standardization and Industrial Research
- To be selected as the Role model entrepreneur in the 2008 Festival of Industrial Champions
- Selected as a distinguished manager in the 2010 meeting of distinctive manufacturers of the company
- Selected as the superior company in the 2011 Festival of Industrial Elite
- CE certification in 2016
- Management System as per EN ISO 9001:2015 by TÜV Austria in 2022

It goes without saying that the company owes its success to its honest and committed managers and employees, particularly those involved in the sales and distribution of the products, who tirelessly have helped the company achieve its goals. In addition, consistent quality, employing the newest technology, and state of the art machinery and equipment have made it possible for the company to gain access to these honors.

KIZZ IRAN industrial manufacturing company appreciates consumers like you and would like to let you know that the company is about to introduce new lines of products soon.



## Managing Director's Remarks

From a long time ago, manufacturing national products according to the requirements of international standards caused us to take advantage of both national and international experiences to set up the KIZZ IRAN factory in 1984 as the first producer of brass sliding gate valves. Benefiting from high potential and experience in domestic and international experts and taking advantage of the most experienced and skilled manpower, the factory offers world-class quality and competitive prices to its dear customers according to the requirements of international standards.

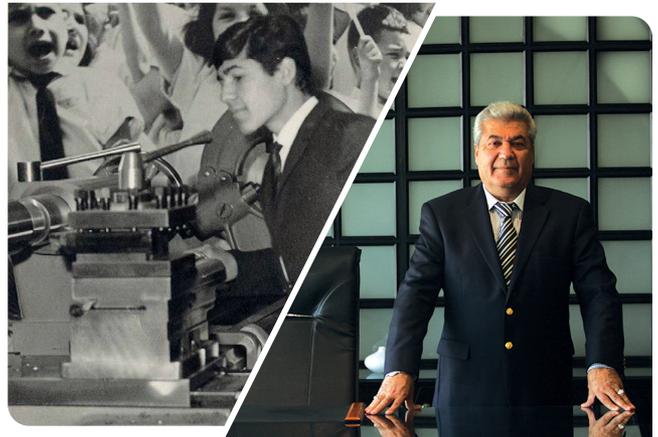
In the contemporary world of today, with fast-paced development, we believe in change according to customers' demands as one of the secrets to the success of many organizations and economic enterprises in the third millennium, for this purpose, the management of the company has focused on applying information and communication technology (ITC) according to the market requirements. Undoubtedly safeguarding previous achievements and moving toward the developments and challenges facing a head will require adopting a comprehensive approach to all progressive factors, consecutive promotion of the products qualitatively and quantitatively, benefiting from the world's most modern and advanced technologies coupled with doubled efforts of industrious staff and personnel of the industrial and production units.

Today, the industrial and production unit has taken giant strides at the threshold of significant economic development in the country, based on which, the company has focused on boosting the quality of products, details of which have been put atop the agenda.

According to its strategic version, the company plans effective activities in a competitive market to get more market share in the construction market. Equipped with the most experienced, skilled, and expert manpower, the company will strongly participate in national and international arenas in the field of offering high-quality products. It is hoped that the company will materialize most of its economic objectives with the unsparing effort of industrious staff and personnel and also due support of respected shareholders.

We believe that:

**Action speaks louder than words!**





+New Size

شیر کشویی

## Gate Valve

Model: KIZZ IRAN 500

Material: Brass

Size: 1/2~4 inch

1/2~2 inch: 16 bar

Operating Temperature: 170° c

2 1/2~3&4 inch: 20 bar

Operating Temperature: 180° c



شیر یکطرفه دریچه ای

## Swing Check Valve

Model: KIZZ IRAN 505

Material: Brass

Size: 1/2~3 inch

Max.W.P.: 16 bar

Operating Temperature: 170° c



شیر یکطرفه دریچه ای

(روبیچ)

## Swing Check Valve

Model: KIZZ IRAN 506

Material: Brass

Size: 1/2 inch

Max.W.P.: 16 bar

Operating Temperature: 170° c



شیر یکطرفه فنری

(سویاپ پلاستیکی)

## Spring Check Valve

Model: KIZZ IRAN 507

Material: Brass

Size: 1/2~3 inch

Max.W.P.: 16 bar

Operating Temperature: -20°~100° c



شیر یکطرفه فنری

(سویاپ برنجی)

## Spring Check Valve

Model: KIZZ IRAN 538

Material: Brass

Size: 1/2~3 inch

Max.W.P.: 1/2~1 inch 25 bar

1 1/4~2 inch 18 bar

2 1/2~3 inch 16 bar

Operating Temperature: -20°~170° c



شیر یکطرفه فنری فیلتردار

## Inline Check Foot Valve

Model: KIZZ IRAN 518

Material: Brass

Size: 1/2~2 inch

Max.W.P.: 1/2~1 inch 16 bar

1 1/4~2 inch 12 bar

Operating Temperature: 100° c



صافی Y

## Y Strainer

Model: KIZZ IRAN 515

Material: Brass

Size: 1/2~3 inch

Max.W.P.: 16 bar

Operating Temperature: 150° c



شیر سوزنی

## Globe Valve

Model: KIZZ IRAN 519

Material: Brass

Size: 1/2~2 1/2 inch

Max.W.P.: 16 bar

Operating Temperature: 170° c



شیر آتشنشانی

## Fire Fighting Valve

Model: KIZZ IRAN 517

Material: Brass

Size: 1 1/2 inch

Max.W.P.: 16 bar

Operating Temperature: 180° c



شیر توپی

## Ball Valve

Model: KIZZ IRAN 510

Material: Brass  
Size: 1/2 inch 16&20  
Max.W.P. : 16 bar  
Operating Temperature: 5°~80° c



شیر توپی  
(تویچ)

## Ball Valve

Model: KIZZ IRAN 509

Material: Brass  
Size: 1/2~1 inch  
Max.W.P.: 16 bar  
Operating Temperature: 5°~80° c



شیر توپی  
(تویچ)

## Ball Valve

Model: KIZZ IRAN 508

Material: Brass  
Size: 1/2~1 inch  
Max.W.P.: 16 bar  
Operating Temperature: 5°~80° c



شیر پیسوار

## Angle Valve

Model: KIZZ IRAN 501

Material: Brass  
Size: 1/2\*1/2 & 1/2\*3/8 inch  
Max.W.P.: 10 bar  
Operating Temperature: 5°~80° c



شیر شبکه

## Corporation Valve

Model: KIZZ IRAN 520

Material: Bronze  
Size: 1/2~3/4 inch  
Max. W.P. : 10.5 bar  
Operating Temperature: 38° c



شیر انشعاب

## Curb Valve

Model: KIZZ IRAN 521

Material: Bronze  
Size: 1/2~3/4 inch  
Max. W.P. : 10.5 bar  
Operating Temperature: 38° c



شیر فشارشکن

## MINIPRESS Pressure Reducing Valve

Model: KIZZ IRAN 537

Material: Brass  
Size: 1/2~3/4 inch  
Max.W.P. inlet : 15 bar  
Max.W.P. outlet : 1~4 bar  
Operating Temperature: 0°~80° c

## Gate Valve

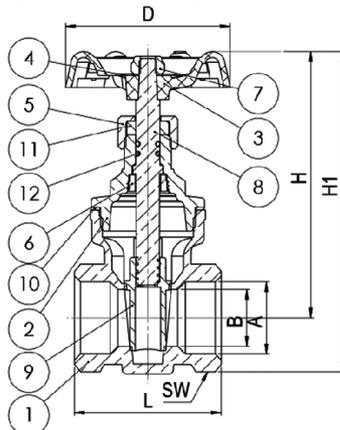


Gate Valves are usable in the water utility industry, water supply networks, irrigation systems, petroleum, oil, and gasoline networks, tanker manufacturing industries, pneumatic and hydraulic industries, chemical materials, and building industries. The gate valve is designed and manufactured according to the Iranian National standard No. 23165 and is made of hot forged brass. The main form of ribs is calculated in inches based on EN ISO-228 Standards. Intermolecular distance is reduced as little as possible in the production method to increase body resistance to destruction tests, consequently, working pressure resistance rises. For this reason, the forging method is selected.

Order No.	Size (inch)	A (inch)	B (mm)	D (mm)	L (mm)	H (mm)	H1 (mm)	SW (mm)	PN (bar)
5001	G 1/2	1/2	13	55	44	80	95	26	16
5002	G 3/4	3/4	19	55	49	97	115	32	16
5003	G 1	1	25	60	52	103	125	39	16
5004	G1 1/4	1 1/4	32	64	60	118	146	49	16
5005	G1 1/2	1 1/2	38	73	62	131	162	55	16
5006	G 2	2	50	90	72	156	194	68	16
5007	G2 1/2	2 1/2	56	100	85	185	232	85	20
5008	G 3	3	65	115	88	200	255	98	20
5030	G2 1/2	2 1/2	63.5	100	83	192	239	85	20
5031	G 3	3	76.2	115	98	218	273	98	20
5009	G4	4	92	175	118	270	335	126	20

Max. Working Pressure (bar)		Operating Temperature (c)
PN 16	PN 20	
16	20	-10~66
16	20	100
13.5	17.2	120
9.5	13	150
7	10.3	170
-	9	180

The body and all parts of Globe valve manufactured by this company according to the last Standards, the analysis is according to the following table:



No.	Name of pieces	Material
1	Body	MS58 Hot Forged Brass (4" Casting)
2	Cap	MS58 Hot Forged Brass (4" Casting)
3	Handle	Zamac3 with electrostatic paint coating (4" Aluminum)
4	Mark	Aluminum
5	Hexagon Nut	MS58 Brass
6	Grooved Nut	MS58 Brass
7	Lock Nut	Plated Iron
8	Stem	MS58 Brass
9	Gate	MS58 Hot Forged Brass
10	Sealing Washer	Hostaform Plastic
11	Sealing Washer	PVC (4" PTFE)
12	Sealing O-Ring	NBR Rubber

Parts and Functions



"In size 4", a brass bushing and PTFE Teflon washer are used instead of a PVC rubber washer for sealing."

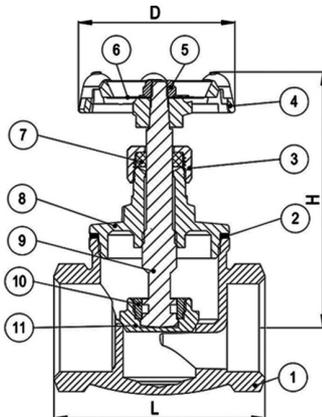
## Globe Valve



This product is designed to be used in regular and uniform fluid flow that needs to adjust the pressure including home plumbing, industrial and agricultural applications, heating plants, sanitary systems, steam, oil, gasoline, and other hydrocarbons. The gate valve is designed and manufactured according to the Iranian National standard No. 3664 and is made of hot forged brass. The main form of ribs is calculated in inches based on EN ISO-228 Standards.

Order No.	Size (inch)	L (mm)	H (mm)	D (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5190	G 1/2	51	71	55	170	16
5191	G 3/4	60	78	55	170	16
5192	G 1	72	87	60	170	16
5193	G1 1/4	72.5	98	71	170	16
5194	G1 1/2	84	118.5	80	170	16
5195	G 2	101	128	90	170	16
5196	G2 1/2	127	180	100	170	16

The body and all parts of Globe Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



Parts and Functions



No.	Name of pieces	Material
1	Body	MS58 Hot Forged Brass (2 1/2" Casting)
2	Sealing Washer	Vulcanized Fiber Washer
3	Hexagon Nut	MS58 Brass
4	Handle	Zamac 3 with electrostatic paint coating
5	Lock Nut	plated iron
6	Mark	Aluminum
7	Sealing Washer	PTFE
8	Cap	MS58 Hot Forged Brass
9	Stem	MS58 Brass
10	Grooved Nut	MS58 Brass
11	Sealing	MS58 Brass

## Swing Check Valve

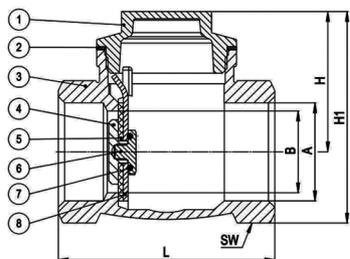


A valve through which the fluid passes in one direction and the backflow of fluid is avoided. The valve acts only under the pressure of fluid having no controller device on the outer body. Fluid circulation is controlled by a disc that gets away from the valve body when fluid pressures and returns to its previous position when pressure stops. The check valves are designed and manufactured according to the Iranian National standard No. 3664 and is made of hot forged brass. The main form of ribs is calculated in inches based on EN ISO-228 Standards. Swing check valves are used usually in urban water supply, thermal installations of buildings, industrial purposes, pumps, petroleum, and oil networks, and generally in all networks in which the fluid flows only in one direction. The following are the benefits and advantages of this product:

- Resistance against corrosion and tear
- Resistance against sediments
- Full sealing
- Silent on-off position

Order No.	Size (inch)	A (inch)	B (mm)	L (mm)	H (mm)	H1 (mm)	SW (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5050	G 1/2	1/2	13	51	31	45	26	170	16
5051	G 3/4	3/4	19	57	35	53	32	170	16
5052	G 1	1	25	67	43	65	39	170	16
5053	G1 1/4	1 1/4	32	75	45	73	49	170	16
5054	G1 1/2	1 1/2	38	84	49	79	55	170	16
5055	G 2	2	50	103	57	95	68	170	16
5056	G2 1/2	2 1/2	62	128	78	125	85	170	16
5057	G 3	3	76	128	87	140	98	170	16

The body and all parts of Swing check valve manufactured by this company according to the last Standards, the analysis is according to the following table:



No.	Name of pieces	Material
1	Cap	MS58 Hot Forged Brass
2	Sealing Washer	Hostaform Plastic
3	Body	MS58 Hot Forged Brass
4	Valve Nut	MS58 Brass
5	Sealing Rubber	NBR Rubber
6	Valve pin	MS58 Brass
7	O-Ring	NBR Rubber
8	Valve	SS 304 Stainless Steel

Parts and Functions



## Swing Check Valve



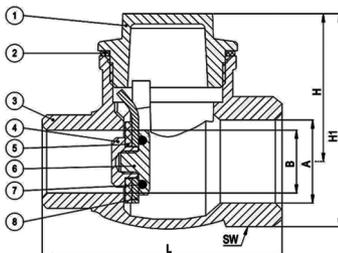
A valve through which the fluid passes in one direction and the backflow of fluid is avoided. The valve acts only under the pressure of fluid having no controller device on the outer body. Fluid circulation is controlled by a disc that gets away from the valve body when fluid pressures and returns to its previous position when pressure stops. The check valves are designed and manufactured according to the Iranian National standard No. 3664 and is made of hot forged brass. The main form of ribs is calculated in inches based on EN ISO-228 Standards. Swing check valves are used usually in urban water supply, thermal installations of buildings, industrial purposes, pumps, petroleum, and oil networks, and generally in all networks in which the fluid flows only in one direction. The following are the benefits and advantages of this product:

- Resistance against corrosion and tear
- Resistance against sediments
- Full sealing
- Silent on-off position

Order No.	Size (inch)	A (inch)	B (mm)	L (mm)	H (mm)	H1 (mm)	SW (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5060	G 1/2	1/2	13	54	31	45	26	170	16

The body and all parts of Swing Check Valves manufactured by this company according to the last Standards, the analysis is according to the following table:

Parts and Functions



No.	Name of pieces	Material
1	Cap	MS58 Hot Forged Brass
2	Sealing Washer	Hostaform Plastic
3	Body	MS58 Hot Forged Brass
4	Valve Nut	MS58 Brass
5	Sealing Rubber	NBR Rubber
6	Valve pin	MS58 Brass
7	O-Ring	NBR Rubber
8	Valve	SS 304 Stainless Steel

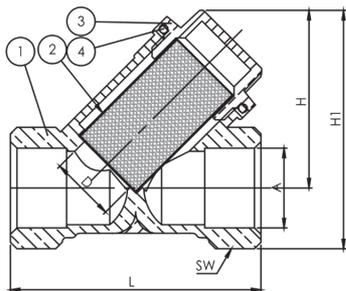
## Y Strainer



Y Strainer is designed and produced of hot forged brass according to national and international standards and applies to building pipelines, engine rooms, irrigation, and agriculture systems, various types of water heaters and packages, and processes that deal with water, oil, or even gasoline.

Order No.	Size (inch)	A (inch)	D (mm)	L (mm)	H (mm)	H1 (mm)	SW (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5150	G 1/2	1/2	15	58	41	55	26	150	16
5151	G 3/4	3/4	20	70	45	62	32	150	16
5152	G 1	1	25	86	57	78	39	150	16
5153	G1 1/4	1 1/4	32	90	67	93	49	150	16
5154	G1 1/2	1 1/2	41	99	75	103	55	150	16
5155	G 2	2	50	123	91	127	68	150	16
5156	G2 1/2	2 1/2	60	148	108	151	85	150	16
5157	G 3	3	65	158	120	169	98	150	16

The body and all parts of Y Strainer manufactured by this company according to the last Standards, the analysis is according to the following table:



No.	Name of pieces	Material
1	Body	MS58 Hot Forged Brass (2 1/2" & 3" Casting)
2	Grid	Stainless Steel
3	Cap	MS58 Hot Forged Brass
4	Sealing O-Ring	NBR Rubber

Parts and Functions



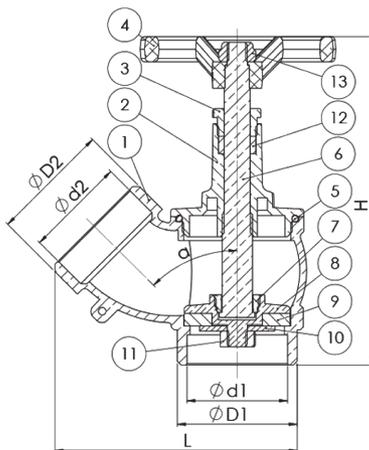
## Fire Fighting Valve



This product is produced of hot forged brass suitable for fire panels with an inlet on their lower section and a 130-degree outlet and which could be attached to the hydrant hose.

Order No.	Size (inch)	D1 (inch)	D2 (inch)	d1 (mm)	d2 (mm)	L (mm)	H (mm)	a (degree)	Operating Temperature (c)	Max. Working Pressure (bar)
5170	G 1 1/2	G 1 1/2	G 1 1/2	40	40	96	130	50	180	16

The body and all parts of Fire Fighting Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



Parts and Functions



No.	Name of pieces	Material
1	Body	MS58 Hot Forged Brass
2	Cap	MS58 Hot Forged Brass
3	Regulator	MS58 Brass
4	Handle	Electrostatic Painted Aluminum
5	Sealing O-Ring	NBR Rubber
6	Stem	MS58 Brass
7	Grooved nut	MS58 Brass
8	Valve	MS58 Hot Forged Brass
9	Rubber Washer	NBR Rubber
10	Steel Flat Washer	Stainless Steel
11	Hexagon Nut	MS58 Brass
12	Sealing Washer	NBR Rubber
13	Nut	Electroplated Iron

## Spring Check Valve

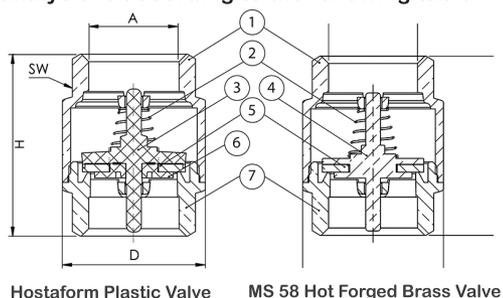


A valve which the fluid passes through in one direction and backflow of fluid is avoided. The valve acts only under the pressure of fluid having no controller device on the outer body. Fluid circulation is controlled by a disc that gets away from the valve body when fluid pressures and returns to its previous position when pressure stops. The check valves are designed and manufactured according to the Iranian National standard No. 3664 and is made of hot forged brass. The main form of ribs is calculated in inches based on EN ISO-228 Standards. Spring check valves are used usually in urban water supply, thermal installations of buildings for industrial purposes, pumps, petroleum, and oil networks, and generally in all networks in which the fluid flows only in one direction.

Order No.	Size (inch)	A (inch)	D (mm)	H (mm)	SW (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5070	G 1/2	1/2	35	47	26	-20~100	16
5071	G 3/4	3/4	41	59	32	-20~100	16
5072	G 1	1	48	62	39	-20~100	16
5073	G1 1/4	1 1/4	60	64	49	-20~100	16
5074	G1 1/2	1 1/2	68	73	55	-20~100	16
5075	G 2	2	84	79	68	-20~100	16
5076	G2 1/2	2 1/2	103	103	85	-20~100	16
5077	G 3	3	125	110	98	-20~100	16
5380	G 1/2	1/2	35	47	26	-20~170	25
5381	G 3/4	3/4	41	59	32	-20~170	25
5382	G 1	1	48	62	39	-20~170	25
5383	G1 1/4	1 1/4	60	64	49	-20~170	18
5384	G1 1/2	1 1/2	68	73	55	-20~170	18
5385	G 2	2	84	79	68	-20~170	18
5386	G2 1/2	2 1/2	103	103	85	-20~170	16
5387	G 3	3	125	110	98	-20~170	16

- Resistance against corrosion and tear
- Resistance against sediments
- Full sealing under any environmental and working circumstances  
(Horizontal, Vertical, Angled)
- Valve opening with the least fluid pressure
- Silent on-off position

The body and all parts of Spring Check Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



No.	Name of pieces	Material
1	Body	MS58 Hot Forged Brass
2	Spring	Stainless Steel
3	Valve	Hostaform Plastic
4	Valve	MS58 Hot Forged Brass
5	Sealing Rubber	NBR Rubber
6	Retaining Washer	Hostaform Plastic
7	Bonnet	MS58 Hot Forged Brass

Parts and Functions



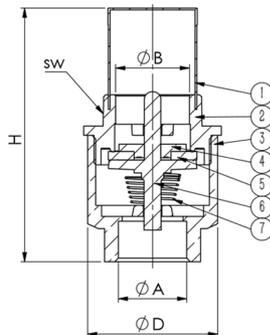
## Inline Check Foot Valve



Like a one-way spring valve, it is a valve that the fluid can pass through in one direction and prevents the flow's return. This faucet works with fluid pressure and has no other controlling device on its exterior body. The check valves are designed and manufactured according to the Iranian National standard No. 3664 and is made of hot forged brass. The main form of ribs is calculated in inches based on EN ISO-228 Standards. The valve opens through the flow pressure applied to the surface of the valve and closes when the flow stops and the spring on the back of the valve applies pressure to it. This product is mainly used in submersible water pumps, well-pumps, urban water supply networks, building heating facilities, compressed air systems, and pneumatic to prevent tiny particles, dust, and sand from entering susceptible systems.

Order No.	Size (inch)	A (inch)	B (mm)	D (mm)	H (mm)	SW (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5180	G 1/2	1/2	20	35	69	26	100	16
5181	G 3/4	3/4	23.5	41	82	32	100	16
5182	G 1	1	30	48	92	39	100	16
5183	G1 1/4	1 1/4	36	60	102	49	100	12
5184	G1 1/2	1 1/2	44.5	68	115	55	100	12
5185	G 2	2	56.5	84	134	68	100	12

The body and all parts of Inline check foot Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



Parts and  
Functions



No.	Name of pieces	Material
1	Filter	Stainless Steel
2	Cap	ABS Plastic
3	Body	MS58 Hot Forged Brass
4	Retaining washer	Hostaform Plastic
5	Sealing rubber	NBR Rubber
6	Valve	Hostaform Plastic
7	Spring	Stainless Steel

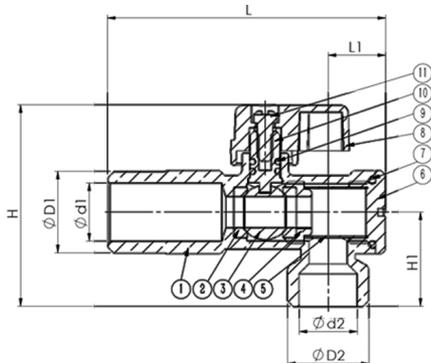
## Angle Valve



Angle valve is produced of hot forged brass with filter is a simple faucet that is placed between the piping and other faucets and is usually the best supplement for installing lever faucets and luxury faucets, rest room, house plumbing systems, irrigation systems, pneumatic, gasoil, gasoline, and oil-distribution networks, and in general non-corrosive industrial fluids. This faucet prevents sand and other substances from entering highly sensitive systems.

Order No.	Size (inch)	D1 (inch)	D2 (inch)	d1 (mm)	d2 (mm)	L (mm)	L1 (mm)	H (mm)	H1 (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5010	G 1/2*1/2	G1/2	G1/2	15	15	72	15	52	24	5~80	10
5012	G 1/2*3/8	G1/2	G3/8	15	11	72	15	52	24	5~80	10

The body and all parts of Angle Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



No.	Name of pieces	Material
1	Body	MS58 Hot Forged Brass (Nickel plating)
2	Ball Seats	PTFE
3	Ball	MS58 Brass (Chromium-Nickel plating)
4	Cartridge screw	MS58 Brass
5	Grid	Stainless Steel
6	Cap	MS58 Brass (Nickel plating)
7	Sealing O-Ring	NBR Rubber
8	Handle	Aluminum with electrostatic painting
9	Sealing O-Ring	NBR Rubber
10	Stem	MS58 Brass
11	Screw	Electro Plated Iron

Parts and Functions



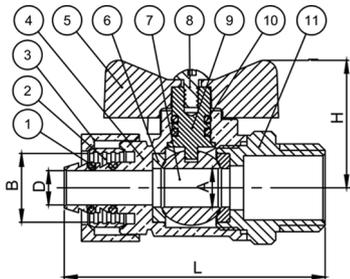
## Ball Valve



Brass Ball Valves (Couple-Collector) according to the Iranian National standard No. 16222 and is made of hot forged brass. The main form of ribs is calculated in inches based on EN ISO-228 Standards. are usually used in building facilities, floor heating systems, warm and cold building water supply networks. The valve is quarter-turn and opens and closes with a 90-degree rotation of the handle. Internal and external surfaces are coated with nickel to avoid long-term corrosion against minerals of water or other environmental corrosives. The ball inside the valves is covered with chromium in addition to nickel to minimize its erosion due to friction with plastic tape. The sealing angle of this type of valve is +15 degrees, the best sealing angle for ball valves. A total of 100 % pressure tests are performed on all valves during a pre-defined period, and torque tests and impact tests are performed randomly too.

Order No.	Size (inch)	A (inch)	B (mm)	D (mm)	H (mm)	L (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5100	G 1/2*16	9	16	8	30	61	5~80	16
5101	G 1/2*20	9	20	11	32	61	5~80	16

The body and all parts of Ball Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



Parts and Functions



No.	Name of pieces	Material
1	O-Ring	Silicon
2	Ring	MS58 Brass (Nickel plating)
3	Nut	MS58 Brass (Nickel plating)
4	Body	MS58 Hot Forged Brass (Nickel plating)
5	Handle	Aluminum with electrostatic paint coating
6	Ball Seats	PTFE
7	Ball	MS58 Brass (Chromium-Nickel plating)
8	Screw	Electroplated iron
9	Stem	MS58 Brass
10	Sealing O-Ring	NBR rubber
11	Bonnet	MS58 Brass (Nickel plating)

## Ball Valve



Ball valves (Collector Valves) are usually used in collector systems (split systems), package, floor heating systems, warm and cold building water supply networks, etc.

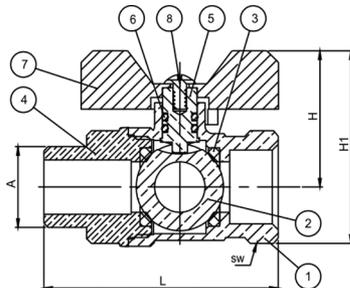
The ball valve is designed and manufactured according to the Iranian National standard No. 16222 and is made of hot forged brass. The main form of ribs is calculated in inches based on EN ISO-228 Standards.

The following are the benefits and advantages of this product:

- High sealing index
- On-off 90-degree rotation
- Resistance against corrosion, erosion, and sedimentation
- Nickel plating on all internal and external surfaces of the valve
- Lack of squeak while on and off the valves

Order No.	Size (inch)	A (inch)	L (mm)	H (mm)	H1 (mm)	SW (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5080	G 1/2	1/2	60	34	49	26	5~80	16
5081	G 3/4	3/4	67	40	57	32	5~80	16
5082	G 1	1	77	48	69	39	5~80	16

The body and all parts of Ball Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



No.	Name of pieces	Material
1	Body	MS58 Hot Forged Brass (Nickel plating)
2	Ball	MS58 Brass (Chromium-Nickel plating)
3	Ball Seats	PTFE
4	Bonnet	MS58 Hot Forged Brass (Nickel plating)
5	Stem	MS58 Brass
6	Sealing O-Ring	NBR rubber
7	Handle	Aluminum with electrostatic paint coating
8	Screw	Electroplated iron

Parts and Functions



## Ball Valve



Ball valves (Collector Valves) are usually used in collector systems (split systems), package, floor heating systems, warm and cold building water supply networks, etc.

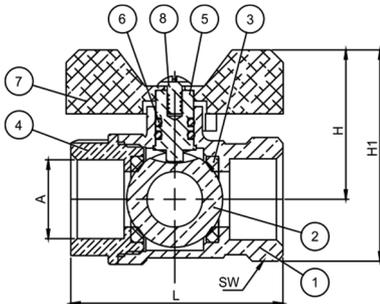
The ball valve is designed and manufactured according to the Iranian National standard No. 16222 and is made of hot forged brass. The main form of ribs is calculated in inches based on EN ISO-228 Standards.

The following are the benefits and advantages of this product:

- High sealing index
- On-off 90-degree rotation
- Resistance against corrosion, erosion, and sedimentation
- Nickel plating on all internal and external surfaces of the valve
- Lack of squeak while on and off the valves

Order No.	Size (inch)	A (inch)	L (mm)	H (mm)	H1 (mm)	SW (mm)	Operating Temperature (c)	Max. Working Pressure (bar)
5090	G 1/2	1/2	50	34	49	26	5~80	16
5091	G 3/4	3/4	56	40	57	32	5~80	16
5092	G 1	1	65	48	69	39	5~80	16

The body and all parts of Ball Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



Parts and Functions



No.	Name of pieces	Material
1	Body	MS58 Hot Forged Brass (Nickel plating)
2	Ball	MS58 Brass (Chromium-Nickel plating)
3	Ball Seats	PTFE
4	Bonnet	MS58 Hot Forged Brass (Nickel plating)
5	Stem	MS58 Brass
6	Sealing O-Ring	NBR rubber
7	Handle	Aluminum with electrostatic paint coating
8	Screw	Electroplated iron

## Corporation Valve

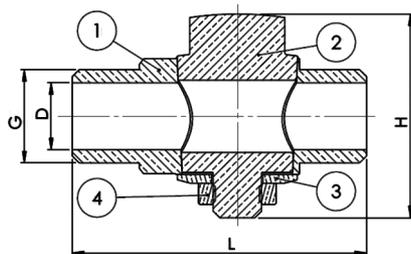


Corporation Valves are installed on service saddle, used to connect and disconnect water flow when needed to repair and maintain the curb valve.

The design and manufacturing of this product are based on (AWWA-C800), we use bronze as the material of the body and cartridge.

Order No.	G (inch)	L (mm)	D (mm)	H (mm)	Max. Operating Temperature (c)	Max. Working Pressure (bar)
5200	G 1/2	63.5	13	45.5	38	10.5
5201	G 3/4	83.5	19	57.5	38	10.5

The body and all parts of Corporation Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



No.	Name of pieces	Material
1	Body	Bronze ASTM B-62 (Cusn5Zn5Pb5)
2	Cartridge	Bronze ASTM B-62 (Cusn5Zn5Pb5)
3	Washer	MS58 Brass
4	Nut	MS58 Brass

Parts and Functions



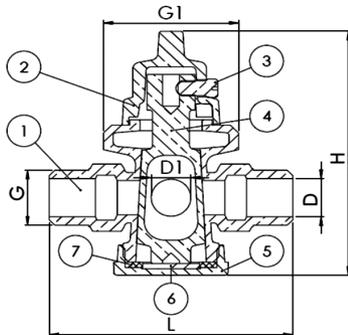
## Curb Valve



This Valve can be used to open and close in the quarter round and to cut off the flow of water before the property of subscribers entrance (sidewalk) and also used to repair any breakdown between the curb valve and meter. The design and manufacturing of this product is based on (AWWA-C800), we use bronze as the material of the body and cartridge.

Order No.	G (inch)	L (mm)	D (mm)	H (mm)	G1 (inch)	D1 (mm)	Max. Operating Temperature (c)	Max. Working Pressure (bar)
5210	1/2	86	14.5	92	G 1 1/2	14	38	10.5
5211	3/4	100	19	104	G 1 1/2	16*22	38	10.5

The body and all parts of Curb Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



No.	Name of pieces	Material
1	Body	Bronze ASTM B-62 (Cusn5Zn5Pb5)
2	Cap	MS58 Hot Forged Brass
3	Screw	MS58 Brass
4	Cartridge	Bronze ASTM B-62 (Cusn5Zn5Pb5)
5	Cap	MS58 Hot Forged Brass
6	Rubber Washer	NBR rubber
7	Victory Washer	Victory Washer

Parts and Functions



## MINIPRESS Pressure Reducing Valve



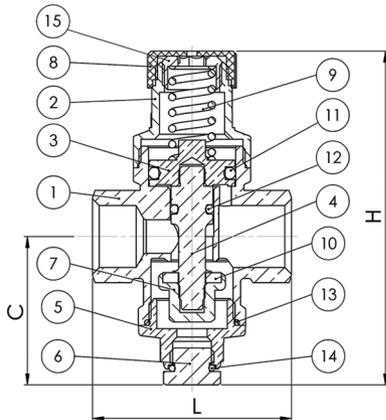
MINIPRESS Pressure-reducing valve is a device that reduces and stabilizes pressure.

When the entering pressure is high or variable, pressure reducing valve reduces, adjusts, and stabilizes the downstream pressure, is produced of hot forged brass.

This device suits domestic water services, heating and air-conditioning plants, compressed air systems, etc.

Order No.	Size (inch)	L (mm)	H (mm)	C (mm)	Operating Temperature (c)	Max. inlet Working Pressure (bar)	Adjustment outlet Pressure (bar)	Threads (inch)	Factory pre adjustment (bar)
5370	G 1/2	60	100	49	0~80	15	1~4	1/4	3
5371	G 3/4	60	100	49	0~80	15	1~4	1/4	3

The body and all parts of MINIPRESS Pressure Reducing Valves manufactured by this company according to the last Standards, the analysis is according to the following table:



No.	Name of pieces	Material
1	Body	MS58 Hot Forged Brass
2	Upper Plug	MS58 Brass
3	Diaphragm	MS58 Brass
4	Stem	MS58 Brass
5	Cap	MS58 Brass
6	Bottom Plug	MS58 Brass
7	Shutter	MS58 Brass
8	Cover	MS58 Brass
9	Spring	Stainless Steel
10	Flat Seat Washer	Flat Seat Washer
11	O-Ring	NBR
12	O-Ring	NBR
13	O-Ring	NBR
14	O-Ring	NBR
15	Regulator	MS58 Brass

Parts and Functions







KIZZ IRAN Industrial Manufacturing Co.  
LTD., Registration No. 49



ISO  
9001:2015  
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AUSTRIA