

Keep Your
Family
safe



+20 5 5433 2360 / +20 5 5433 2380
3rd Industrial Area - Zone (A3`)
Unit (21) - 10th of Ramadan - Egypt.
www.rova-egypt.com ✉ sales@rova-egypt.com
@rovaegypt



Content

Our Vision

Our Mission

Our Products

Double Union Ball Valve	5
Double Thread Ball Valve	7
Gas Valve and Fittings	9
Corner Valves	13
Taps	15
Valve Cartridge	17
Check Valve	19
Union	23
Accessories	25
Heater Accessories	27



Our Vision

ROVA is a manufacturer of water management appliances and solutions, mainly focusing on water valves and accessories needed in residential and commercial buildings. Our customer's health and wellbeing is our top priority, therefore we only accept the best quality material and use of the most advanced testing devices to ensure the consistency of our product's quality and safety.

All processing steps guarantee quality assured products, starting with the composition of the metal alloys and ending with the polishing and plating of the final product.

Our Mission

We Deliver high quality products with long working life while maintaining competitive prices compared to the local market.

The durability and consistent performance of the products when subjected to daily loads and pressures is also an important characteristic we take seriously. This can be ensured by using the latest technology in manufacturing and testing, and more importantly, our highly trained team.

Our Products

Double Union
Ball Valve



5

Double Thread
Ball Valve



7

Gas Valve
and Fittings



9

Corner
Valves



13

Taps



15

Valve
Cartridge



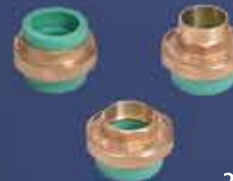
17

Check
Valve



19

Union



23

Accessories



25

Heater
Accessories



27



Double Union Ball Valve

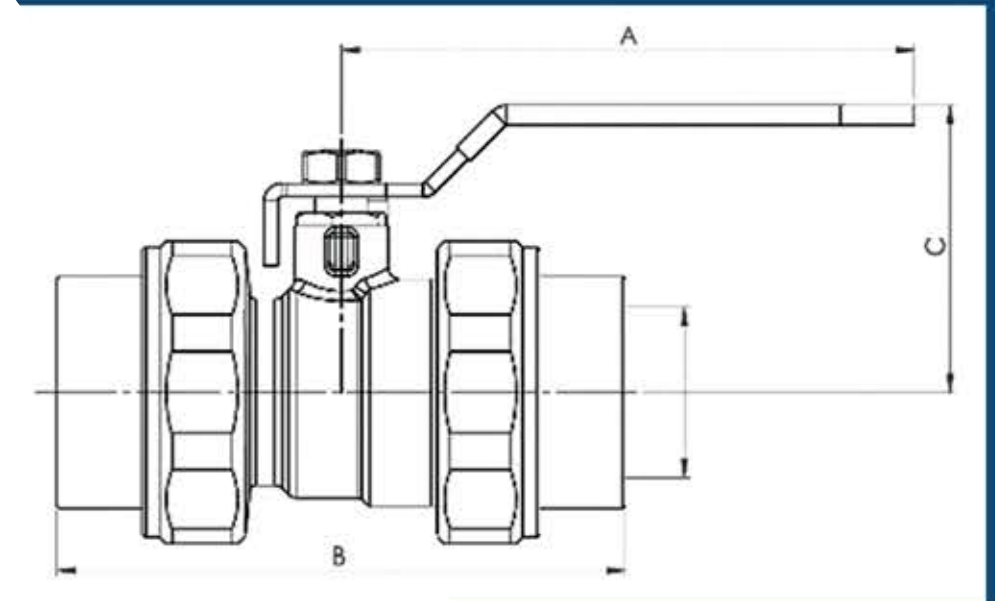
Material Specifications

- European standard Brass alloy.
- PPR flange with silicone rubber sealing O-ring.
- PTFE ball sealing gaskets.
- PVC coated steel handle.

This valve is mainly used for supplying water to buildings and outdoor facilities, hence manufactured from durable forged brass to endure tough conditions.

Tested for leakage and pressure rating MOP5.

Size (mm)	Type	A (mm)	B (mm)	C (mm)	Ball diameter (mm)	Surface Finish
25	Elegant	96	82	37	14	Passivated surface
	Super	100	88	51	18	Passivated surface
32	Elegant	101	92	51	18	Passivated surface
	Super	103	103	54	22	Passivated surface
50	Super	135	130	78	34	Passivated surface
63	Super	153	152	83	40	Passivated surface



Double Thread Ball Valve

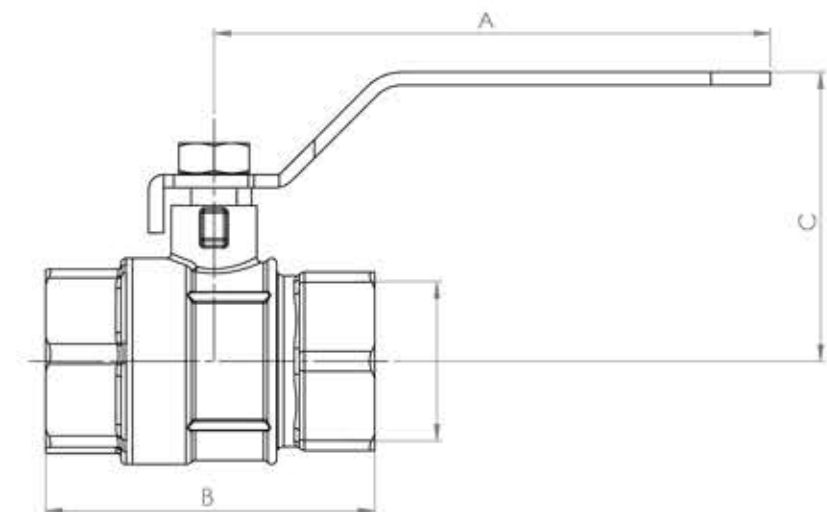
Material Specifications

- European standards Brass alloy (Semi-bright) chromeplated.
- PTFE ball sealing gaskets.
- PVC coated steel handle.

Ball valve manufactured from hot forged brass with female thread on both sides.

Tested for leakage and pressure rating MOP5.

Size (mm)	A (mm)	B (mm)	C (mm)	Ball diameter (mm)	Surface finish
1/2"	101	58	45	14	Semi-bright Chrome
3/4"	106	68	51	18	Semi-bright Chrome
1	110	65	57	22	Semi-bright Chrome
1.5"	131	88	74	34	Semi-bright Chrome



Gas Valve

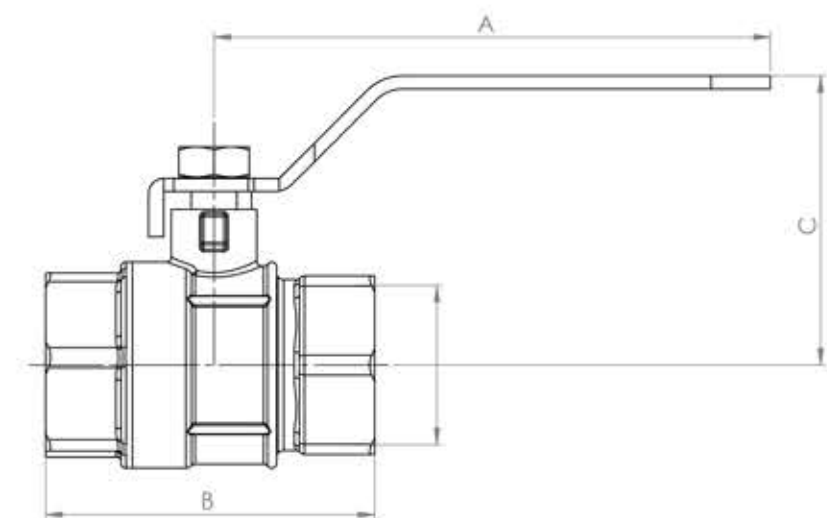
Material Specifications

- European standards Brass alloy, Semi-bright chromeplated.
- PTFE ball sealing gaskets.
- PVC coated steel handle.

Gas valves are made in compliance with European standards and Egyptian regulations.

Tested for leakage and pressure rating MOP5.

Size (mm)	A (mm)	B (mm)	C (mm)	Ball diameter (mm)	Surface finish
1/2"	100	57	38	15	Semi-bright Chrome
3/4"	111	67	49	20	Semi-bright Chrome
1"	111	79	57	25	Semi-bright Chrome
2"	157	79	84	50	Semi-bright Chrome

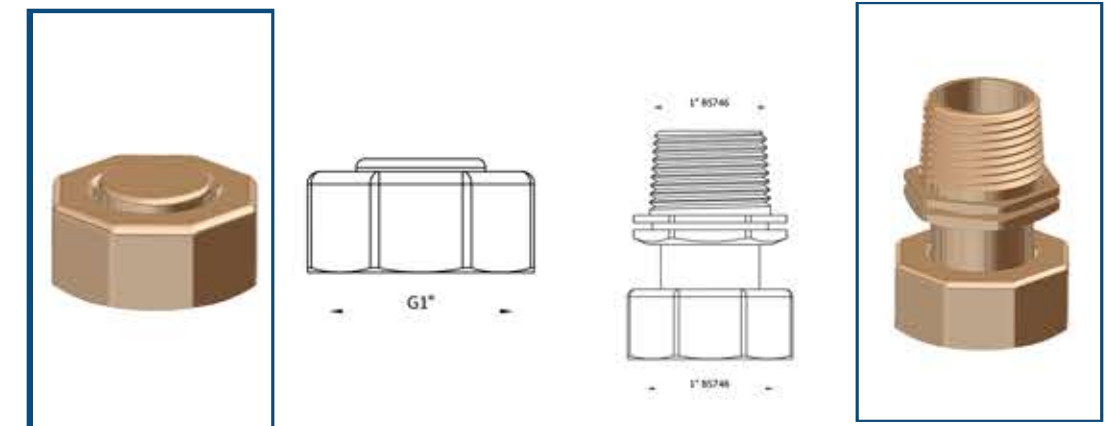
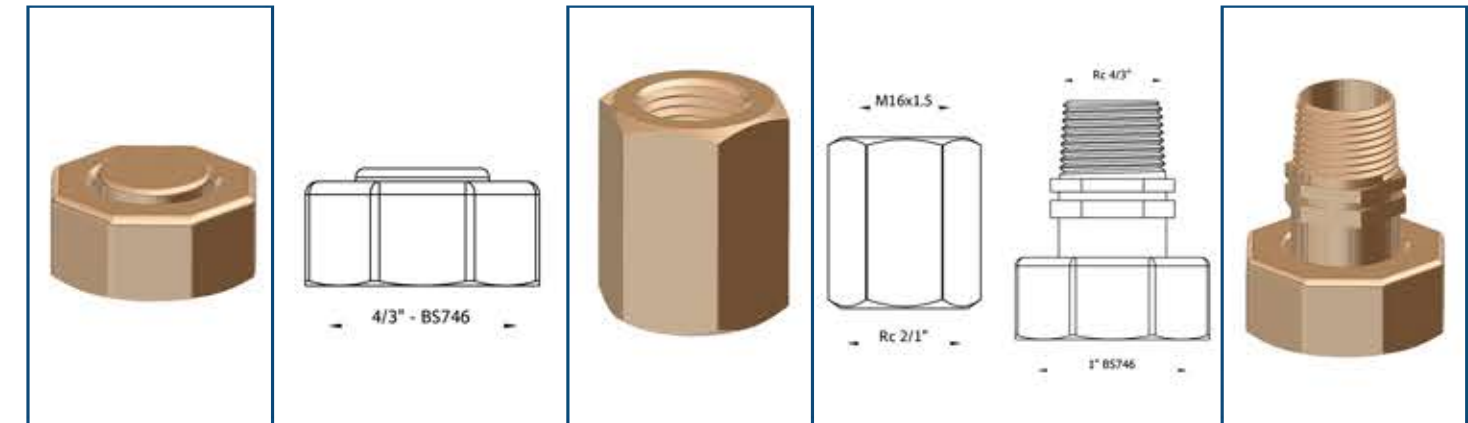
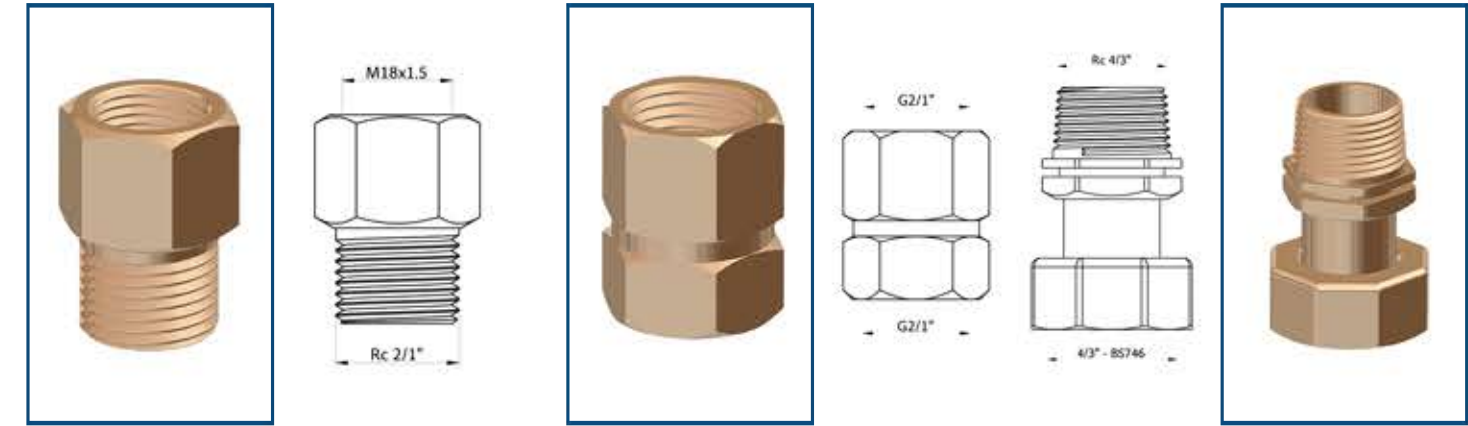
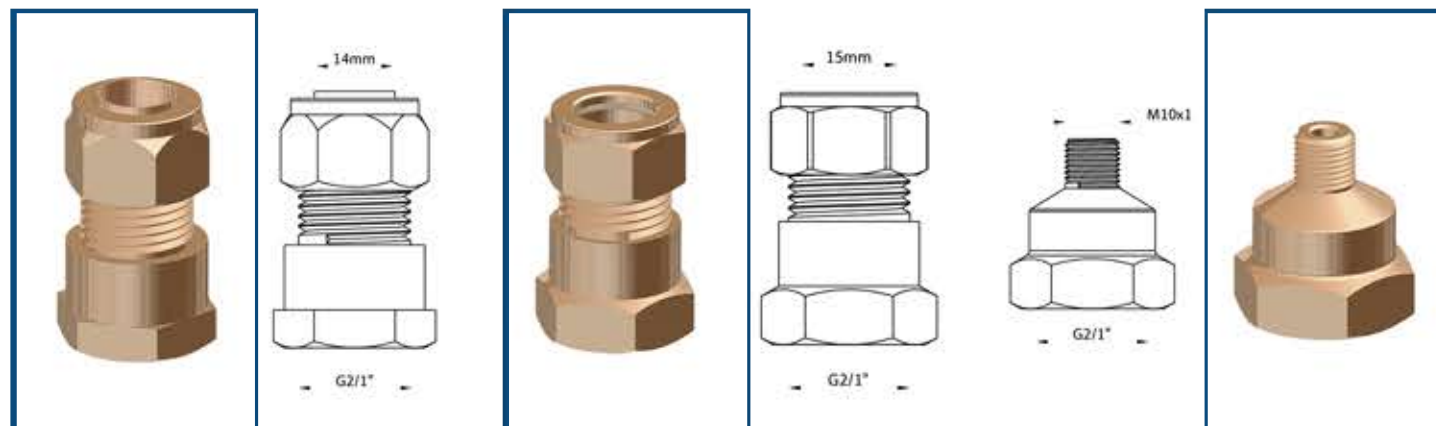
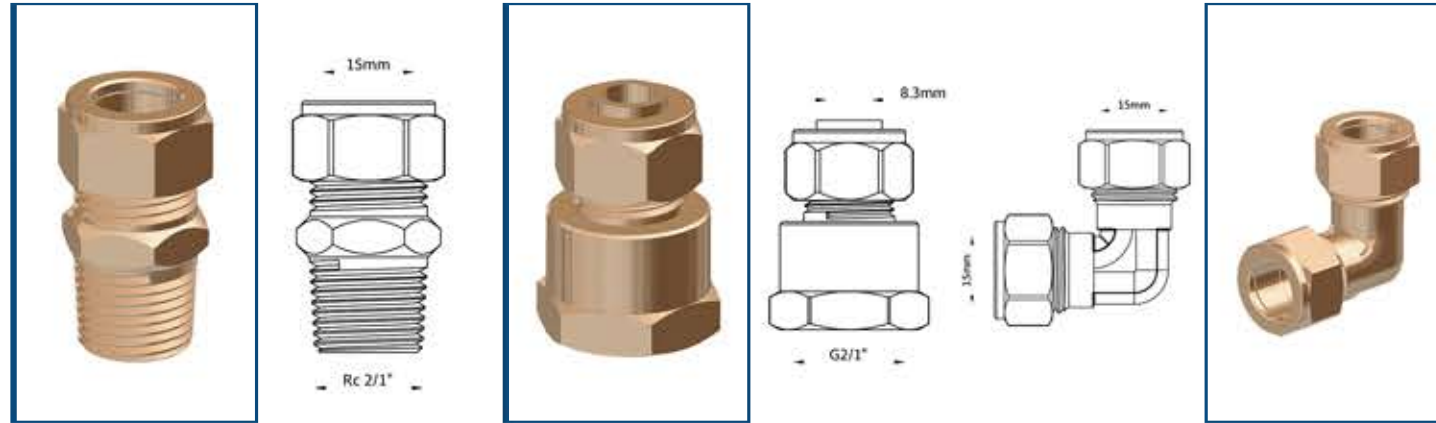


Gas Fittings

Material Specifications

- European standard Brass alloy.
- Chrome-passivated surface.

Brass fittings manufactured according to European standards and Egyptian regulations. Tested for leakage and pressure rating MOP5.



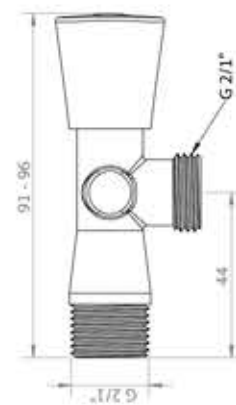
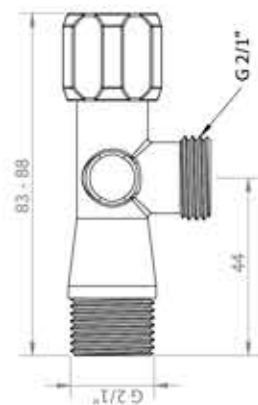
Corner Valve

Material Specifications

- European standard Brass alloy, (nickel chrome plated).
- EPDM sealing O-ring and gasket.
- Zama 5 Nickel Chrome plated handle.

Tested for leakage and pressure rating MOP5.

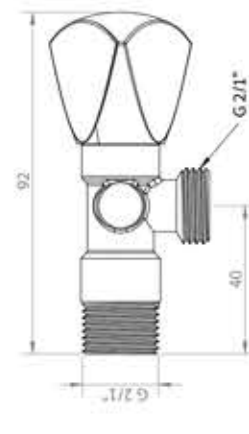
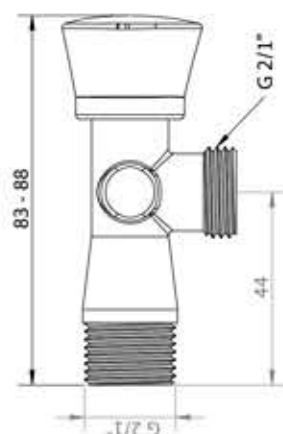
Hexa



Lux



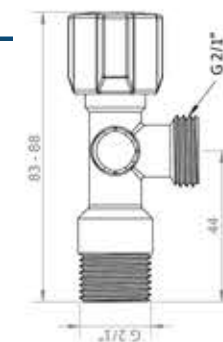
Erika



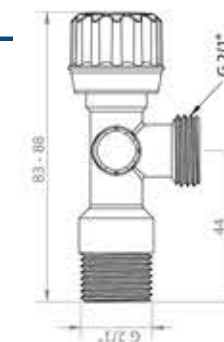
Rio



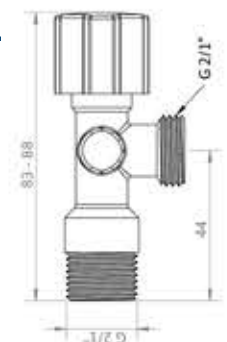
Trio



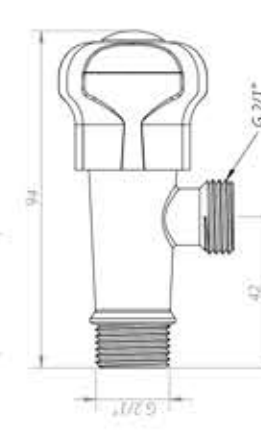
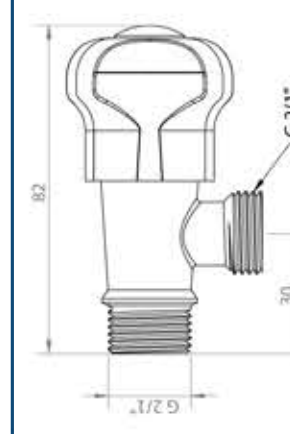
Ribs



Elegant



Rivera



Lava

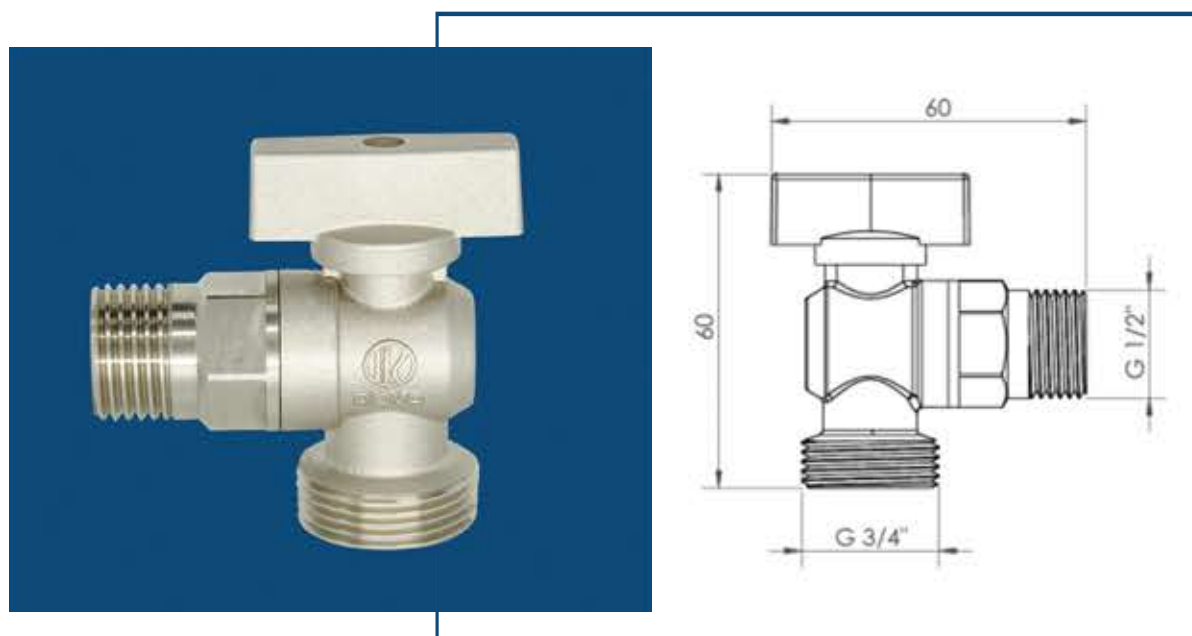


Taps

Washer valve

Material Specifications

- European standard Brass alloy.
- PTFE ball sealing system.
- Durable Zama 5 handle.

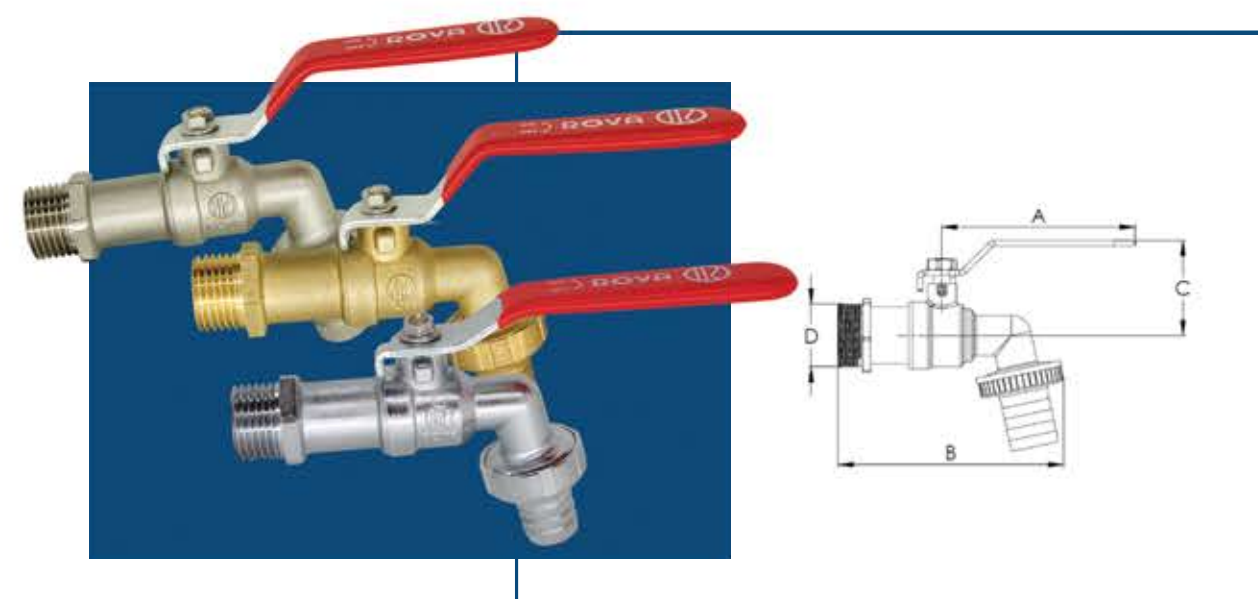


This valve is specifically designed to supply water for washing machines. It is compact so it can easily fit behind machines leaving minimum gap between the wall and the machine.

Renera Tap

Material Specifications

- European standard Brass alloy.
- PTFE ball sealing system.
- PVC coated steel handle.



Size (D)	A (mm)	B (mm)	C (mm)
G 1/2"	96	98	32
G 3/4"	100	102	45
G 1	102	118	50

Valve Cartridge

Material Specifications

- European standard Brass alloy.
- EDPM sealing O-ring and gasket.
- ABS plastic handle + UV stabilizer.



An outdoor valve made mainly from PPR polymer which is tough and highly resistant for wearing conditions.

Valve Core

Material Specifications

- European standard Brass alloy.
- EPDM sealing O-rings and gasket.



Brass cores made from European standard brass alloys and lathing technologies. Available on different sizes and can work as a spare part for stop valves.

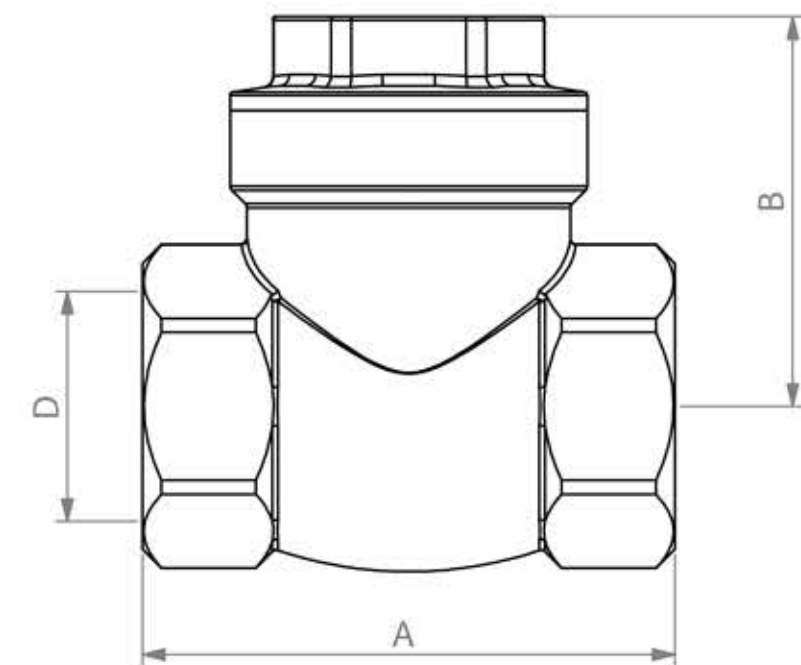
Swing Check Valve

Material Specifications

- European standards Brass alloy.

Tested for leakage and pressure rating MOP5.

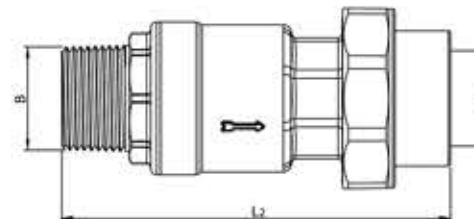
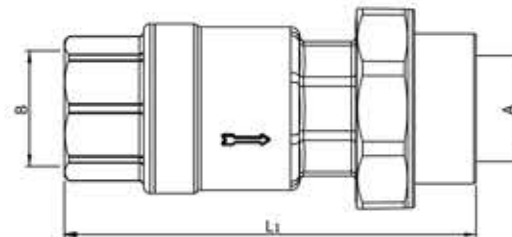
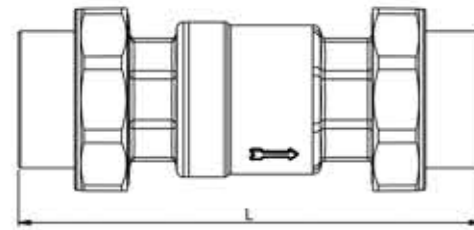
Swing Check valves operate using a hinged gate with a sealing a gasket attached to it. It is very easy to install and maintain.



Size	A (mm)	B (mm)	C (mm)
1/2"	48	30	14
3/4"	52	36	20
1	65	40	25
1 1/2"	86	55	37

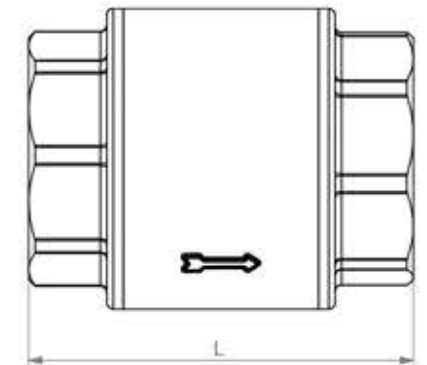
Spring Check Valve

Double Union



Size (mm)	A	B	L	L1	L2
25	25	G 3/4"	118	94	104
32	32	G 1"	130	98	110

Double Thread



Double Thread

Size (mm)	1/2"	3/4"	1	1 1/2"	2
L	48	53	60	73	81

Material Specifications

- European standard Brass alloy, (passivated Surface).
- EPDM rubber sealing gasket.
- German standard PP-R flanges.
- High quality compression spring.

Tested for leakage and pressure rating MOP5.

Heavy duty brass in-line check valves allow flow of fluids in one direction in the pipeline. check valves are used to prevent backflow in pipeline to protect upstream equipment such as pumps and Reverse Osmosis (RO) filters.

Material Specifications

- European standard Brass alloy.
- Passivated Surface.
- PPR flange with silicone rubber sealing O-ring.

Tested for leakage and pressure rating MOP5.

A very useful connection that can be used in case of modifying an existing pipeline or fixing a faulty section of the system. Easy to install and has different types of connections.

Type	A (mm)	B (mm)	C (mm)
Double Flange	25	42	48
Male Thread	G 3/4"	54	45
Female Thread	G 3/4"	40	45
Double Flange	32	50	59
Male Thread	G 1"	60	55
Female Thread	G 1"	45	55
Double Flange	50	62	82
Male Thread	G 1.5"	75	81
Female Thread	G 1.5"	59	81
Double Flange	63	76	105
Male Thread	G 2"	82	102
Female Thread	G 2"	65	102

Union

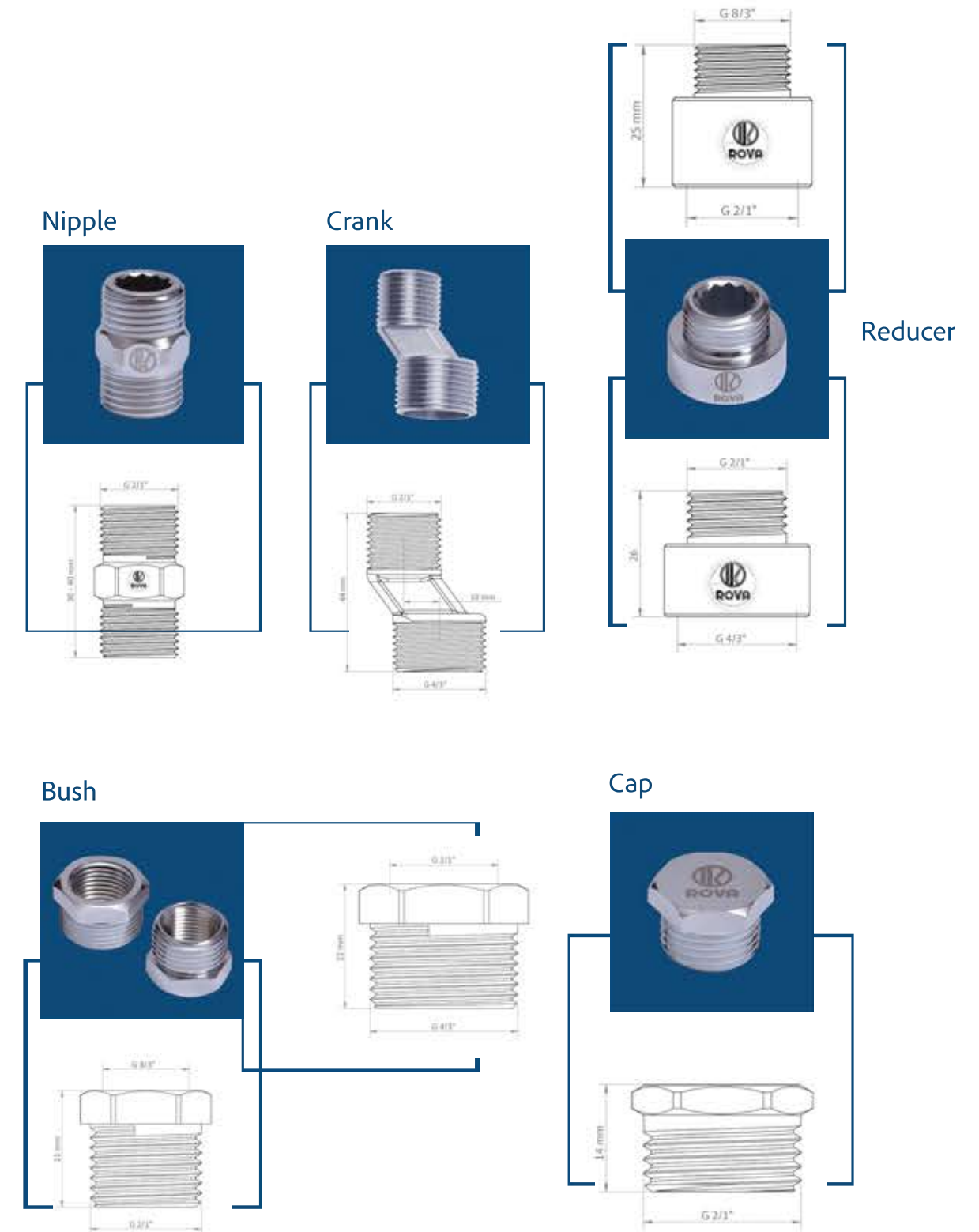
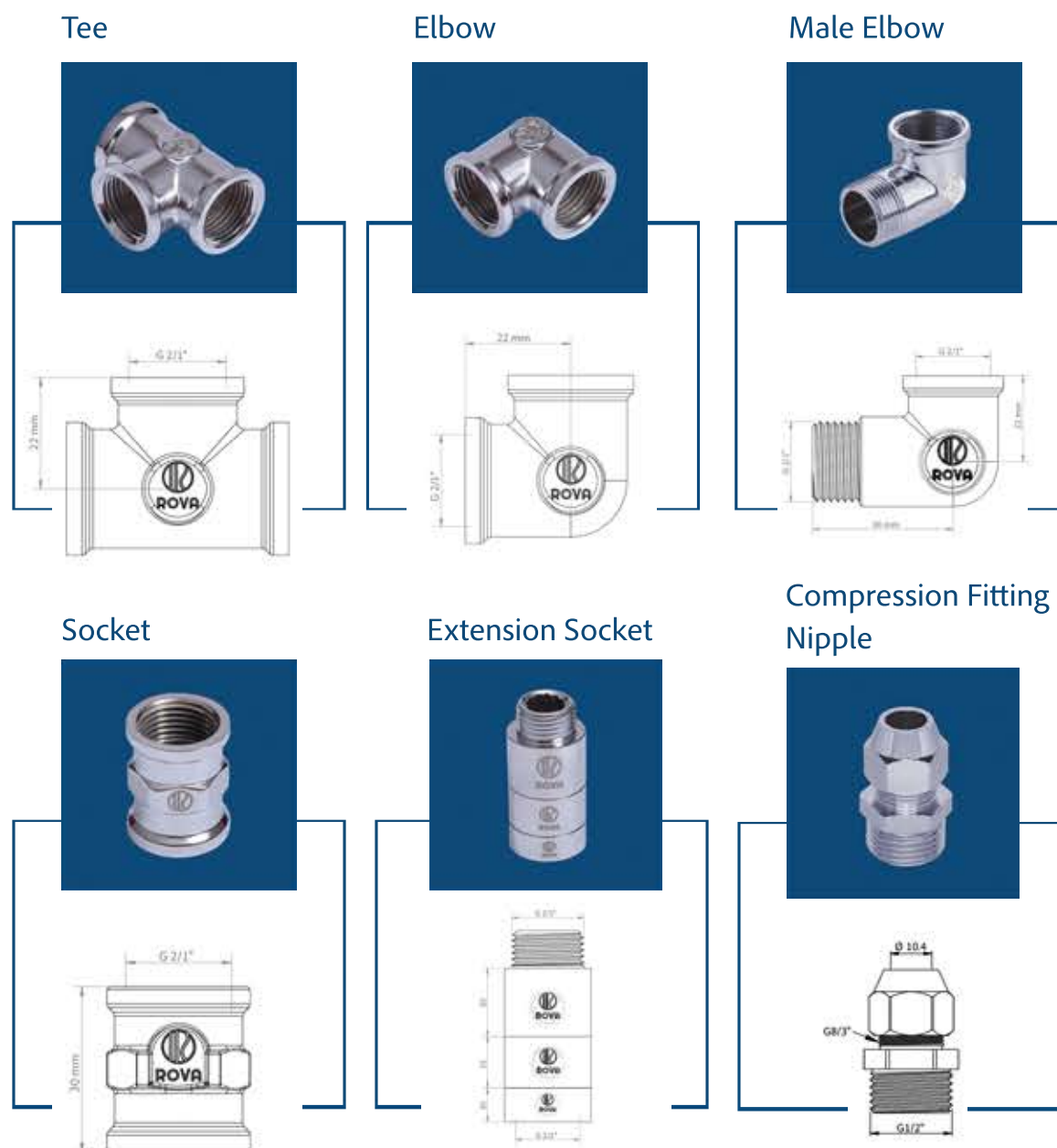


Accessories

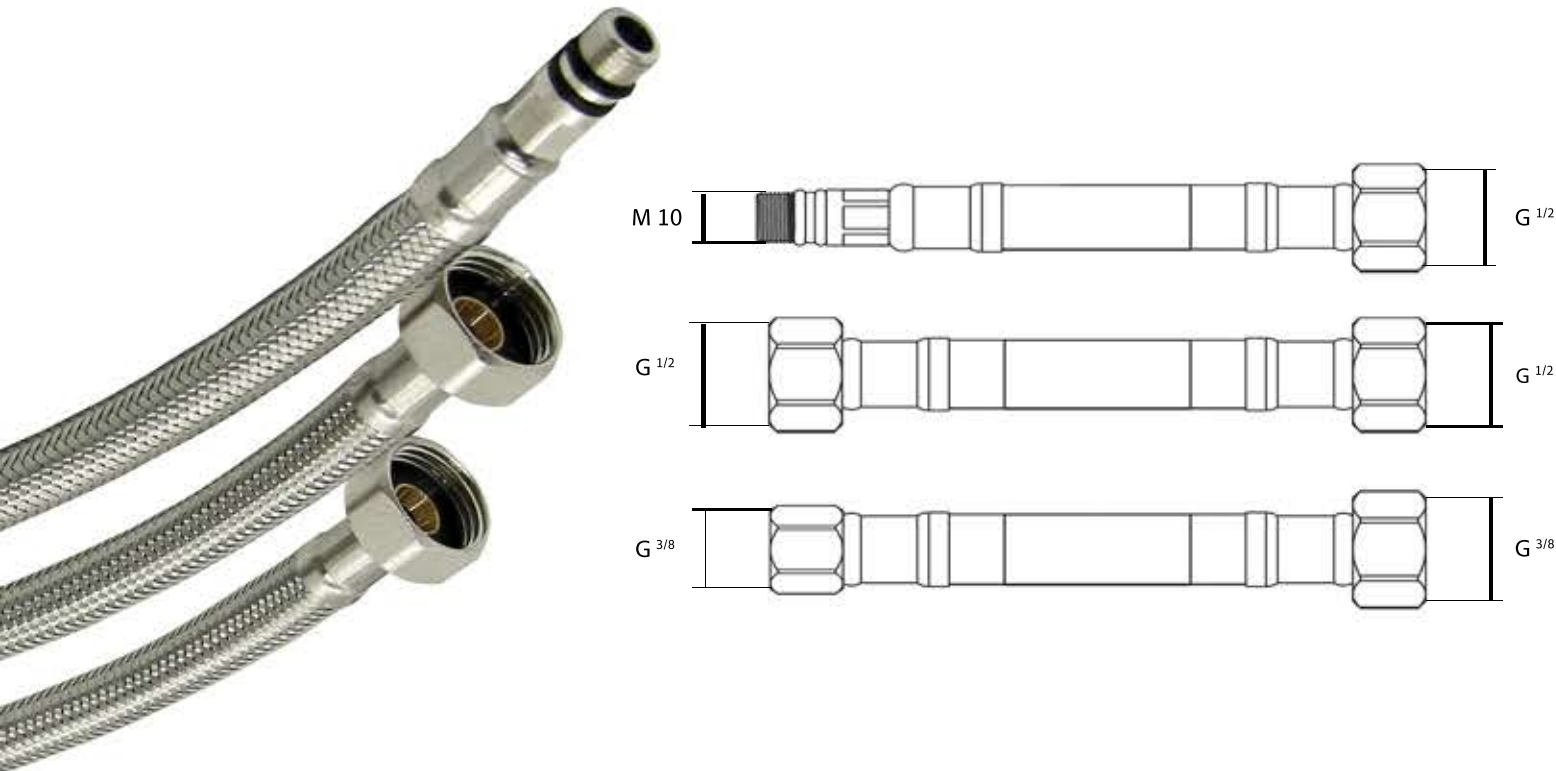
Material Specifications

- European standard Brass alloy, (Nickel-Chrome plated).

Brass accessories are complimentary to any water supply system, especially inside the building. Perfectly combines between high durability and light weight.



Heater Connection

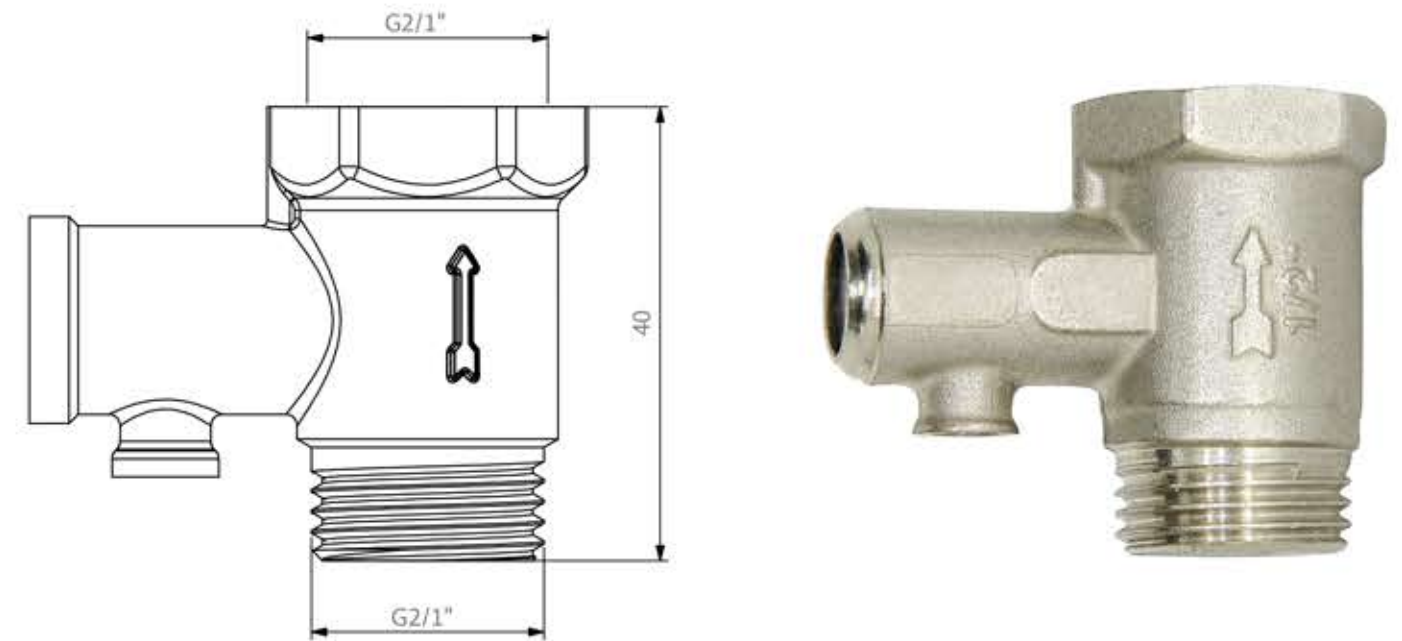


Material Specifications

- European standards Brass alloy, (Semi-bright chromeplated).
- High grade braided Stainless steel.
- EPDM rubber sealing gasket.

This connection is essential for bathrooms to connect the heater with water supply pipes. it is designed to endure high temperatures of water coming from the heater, with stainless steel braid to add toughness and flexibility.

Heater Valve



Material Specifications

- European standards Brass alloy, (Semi-bright chromeplated).
- High quality stainless steel springs.

Tested for leakage and pressure rating MOP5.

This valve is an irreplaceable safety feature for any tank water heater. Designed to protect the heater by relieving excessive temperature and pressure of water.

Value of our products

Our success in business is ensured by the high quality and the wide variety of our products. Quality is an essential prerequisite for making a purchase decision and is an essential link between our customers and our company. Our products palette, competitiveness, standardization, state of the art manufacturing, operating environment and recurring orders ensure our steady customer relations.

- Brass alloys used for valves and fittings are made according to European standards, tested using **High-Tech German technology Optical Emission Spectrometer**.
- Fully automated CNC, Chrome plating and polishing machines with programs specifically designed for our products.
- All materials used for polishing and plating are made according to **European standards**.
- All products Successfully passed **full pressure and leakage tests**.
- Nickel-Chrome surface plating is tested using the latest **German technology**; X-ray coating thickness measuring machine.



Layers of material deposited in the electro-plating process are investigated using the **X-ray machine**. With the accuracy of 0.1 Microns, this machine can give precise measurements of layer thicknesses and help ensure our products' compliance with international standards.



We use this device that simulates the real life conditions by opening and closing a valve thousands of times in a few minutes to be able to estimate **the working life** of the valve and make sure it does not wear out before the expected life time.



The **pressure test** is an essential test for all valves and water supply accessories. it is important to ensure that the products can endure unexpectedly high pressures in water networks and leakage problems in lower pressures.

Another device designed to test the quality of electroplated products by subjecting them to **vigorously corrosive conditions** for a short period of time that simulates years of real life exposure to weather and outdoor conditions.



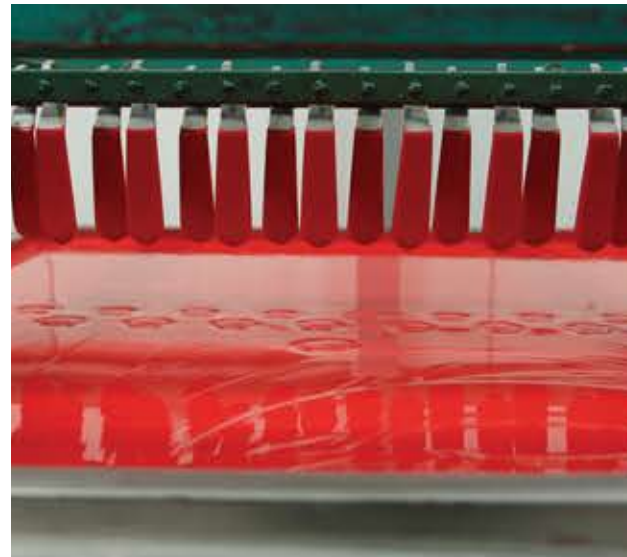
*Our high quality standards
guarantee your family's health*



All brass alloy products start by the forming of solid and hollow bars that serve as the raw material for the following processes like forging and machining. The different elements included in the composition of the alloy are mixed in the furnace with calculated percentages, then drawn out of the furnace's outlet with the desired shape. The alloy is then tested using the spectrometer, a high-end technology lab device.



This technology is mainly used to manufacture valve handles from a high grade of stainless steel sheets, with the use of hydraulic presses and specialized trimming and forming molds.



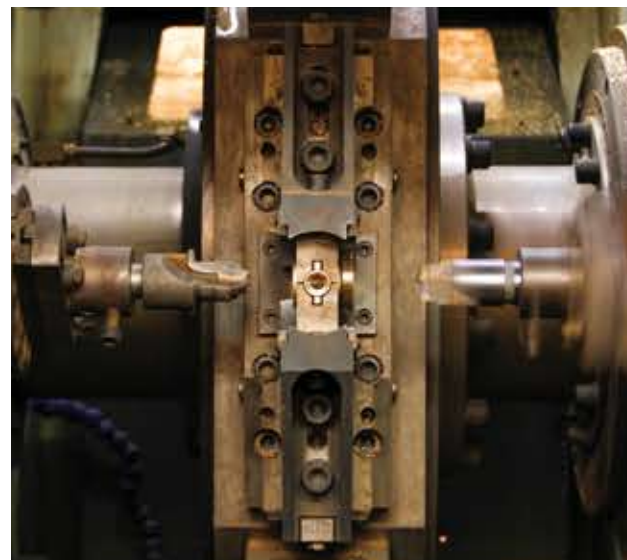
After the valve handles are formed they take a PVC coating layer that serves as a padding layer for the user's comfort while opening and closing the valve.



A fully automated Nickel-Chrome electroplating line specially designed for our products, complemented with German made chemicals and additives to meet our quality standards.



Main parts of the valve are made using the hot forging presses and molds, because it enhances the properties of the brass alloy to endure higher loads during machining and ensure higher quality products.



A powerful and efficient tool mainly used for lathing of valve bodies. It has a high production rate because it utilizes many working heads simultaneously.



Smaller brass parts of the of the valve are made by automated CNC machines with high production rate and finishing quality.

