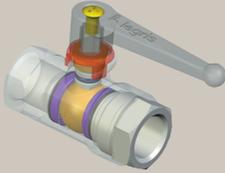


# The Solution for Your Needs

## How to choose your ball valves?

### Which kind of valve do you need ?

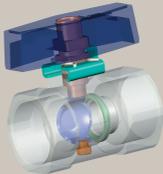
• **Ball Valves**



• **Needle Valves**



• **Butterfly Valves**



Represents an interesting economical alternative compared with a ball valve

• **Axial Valves**



### What are the conditions of use ?

- Pressure
- Temperature inside the system
- Sealing requirements
- Flow requirements
- 2 ways or 3 ways
- Normally closed / Normally open ?

### What type of fluid is being conveyed ?

- Compatibility of materials with the fluid : body & seals

### Which technology is required to connect your ball valves ?

- Compression
- Threaded
- Push-in connection

### Have you considered the additional product requirements ?

- Compression fittings
- Tubing
- Solenoid valves

### What is your application environment ?

- Internal or external environment
- Risk of shocks
- Air quality
- Regulations
- Corrosion risk
- Frequency of operation

### What other functions are required ?

- Lockable
- Vented
- Frequency of operation
- Electric or pneumatic

## Part Number Identification

**0402 04 10**

Valve type

0400  
0401  
0402  
...

O.D. of tube

04 = 4 mm  
05 = 5 mm  
...  
40 = 40 mm

Thread

10 = 1/8"  
13 = 1/4"  
...  
48 = 2"

# Product Specifications Overview

	Materials	Fluids	Maximum Pressure (bar)	Temperature		Page
				Min.	Max.	
<b>Industrial Valves</b>						
<b>Universal and Customised Series Ball Valves</b> 	Nickel-plated forged brass	Compressed air Other fluids (see compatibility chart at the end of this chapter)	40	-40°C	+80°C +100°C: please contact us	<b>444</b>
<b>Universal Series, Vented</b> 	Nickel-plated forged brass	Compressed air Other fluids (see compatibility chart at the end of this chapter)	40	-40°C	+80°C	<b>447</b>
<b>Universal Series, Lockable</b> 	Nickel-plated forged brass, galvanised steel and epoxy locking system	Compressed air Other fluids (see compatibility chart at the end of this chapter)	40	-40°C	+80°C	<b>448</b>
<b>Universal Light Series</b> 	Forged brass or nickel-plated forged brass	Compressed air Other fluids (see compatibility chart at the end of this chapter)	20	-20°C	+80°C	<b>449</b>
<b>DVGW Series Ball Valves</b> 	Nickel-plated brass	Compressed air Other fluids (see compatibility chart at the end of this chapter)	40	-40°C	+170°C	<b>451</b>
<b>Standard Series Ball Valves</b> 	Nickel or chromium plated brass	Compressed air Other fluids (see compatibility chart at the end of this chapter)	30	-20°C	+130°C	<b>452</b>
<b>Stainless Steel Series Ball Valves</b> 	Stainless steel 316L	All fluids	35	-20°C	+150°C	<b>454</b>
<b>High Pressure Ball Valves</b> 	Zinc-plated brass	Compressed air, lubricants, gases	300	-15°C	+80°C	<b>456</b>
<b>Mini Series Ball Valves</b> 	Technical polymer/ Nickel-plated brass	Compressed air	10	-20°C	+80°C	<b>457</b>
<b>LIQUIfit® Ball Valves</b> 	Polypropylène	Beverages, water, industrial water, CO <sub>2</sub> , inert gases	10	-15°C	+100°C	<b>459</b>
<b>Brass Needle Ball Valves</b> 	Shot-blasted forged brass nickel-plated	Compressed air, water, industrial fluids Other fluids: please contact us	120	-20°C	+100°C	<b>461</b>
<b>Stainless Steel Needle Valves</b> 	Stainless steel 316L	All fluids	400	-20°C	+180°C	<b>460</b>
<b>Butterfly Valves</b> 	Shot-blasted forged brass nickel-plated	Compressed air, abrasive fluids	16	-20°C	+80°C	<b>462</b>
<b>Axial Valves</b> 	Nickel-plated brass	Compressed air, water, industrial fluids Other fluids: please contact us	10	-20°C	+135°C	<b>463</b>