

# J&O<sup>®</sup>

J&O FLUID CONTROL CO., LIMITED

## Manhole Cover

[www.sanitary-valves.com](http://www.sanitary-valves.com)

# J&O<sup>®</sup>

J&O FLUID CONTROL CO., LIMITED

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With more than 15 years of market experiences, we have become the leading supplier service for pharmaceutical, chemical, food, Beverage and Lithium battery companies



Site Code



WhatsApp Code

[www.sanitary-valves.com](http://www.sanitary-valves.com)

# J&O<sup>®</sup>

J&O BRAND, RELIABLE QUALITY FOR YOU

CE&ISO 9001:2015 CERTIFIED ACQUIRED

15 YEARS FLUID SOLUTION EXPERIENCES

EXPORTING TO OVER 40 COUNTRIES

EXCELLENT VALUE-ADDED SERVICE.



We focus on Details  
We Make Different  
J&O Brand,that can be trust.

## J&O PROFILE

J&O Fluid Control Co., Limited established in 2008, a leading Manufacturer and Supplier of high quality hygienic stainless steel flow control equipments.

J&O services the Food, Dairy, Beverage, Cosmetic, Pharmaceutical, Biological engineering, Lithium battery, Semiconductor, Water treatment, Petroleum and Chemical industries.

J&O product series consists of sanitary stainless steel Valves & Fittings:

- >>Sanitary Stainless Steel Pumps
- >>Sanitary Stainless Steel Valves
- >>Stainless Steel Tank Accessories
- >>Stainless Steel Pipe Fittings
- >>Stainless Steel Flanges
- >>Stainless Steel Double Ferrule Tube Fittings
- >>Hydraulic Pneumatic Quick Coupling
- >>Carbon Steel Pipe Fittings
- >>Customized Valve and Fittings

Through the years, "Perfection" has been the only goal we pursue. In order to satisfy customers, with continuous efforts, we are working towards perfection through a Quality Assurance System. With persistence and effort, we have become one of the leading enterprises of sanitary valves and pipe fittings in China.

Our organization is dedicated to provide our customers with best service of every aspect. We strongly believe, that the friendship and trust given by our customers, is the great treasure we have.

**J&O<sup>®</sup>**  
J&O FLUID CONTROL CO., LIMITED

# Certificate



# Plant & Producing



# Testing Machine



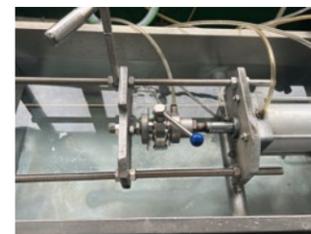
Actuator Testing



Helium Leak Detector



Pressure Test for Large Valve



Pressure Test for Small Valve

# Manhole Cover

Our Core Values: Team, Details, Altruism, Innovation and Embrace Change.

## Pressure Manhole Cover



### Application

The pressure manhole cover is mainly used in pressure vessels in industrial fields such as food, brewing, beverages and pharmaceuticals.

### Working Principle

When it is necessary to repair the storage tank, first unscrew the hand wheel, and then use the handle fixed on the manhole cover to open the manhole, so that the maintenance man can inspect the storage tank. When the manhole is closed and in place, the manhole cover ensures complete sealing between the seal and the tank body, thereby avoiding leakage of the medium in the tank.

### Design Standards

J&O provides oval and round manhole products, without sight glass, union sight glass or all-glass pressure manhole. The pressure manhole can be equipped with more than 4 hand-wheels fixing devices. The number of hand-wheels depends on the size of the hole, pressure, temperature, etc., or customized according to special needs.

### Material

- Material: SS304, SS316L
- Seal: Silicone, EPDM

### Technical Parameters

- Working Pressure: Max. 5.0Bar
- Negative Pressure: -1Bar
- Temperature: -10°C to 250°C

## Manhole Cover without Pressure



### Application

The manhole cover without pressure is mainly used in pressure vessels in industrial fields such as food, brewing, beverages and pharmaceuticals.

### Material

- Material: SS304, SS316L
- Seal: Silicone, EPDM

### Working Principle

The non-pressure manhole connects the manhole cover to the manhole through a hinge. The manhole cover can be opened and closed freely within 120 ° with the handle, it convenient for maintenance personnel to inspect the tank.

### Design Standards

J&O Non-pressure manholes are different from pressure manholes. Non-pressure manholes are only suitable for use under normal pressure, so they are generally equipped with only one hand-wheel, but their sealing is equally excellent.

## Round Manhole Cover without Pressure

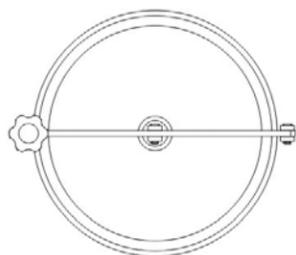
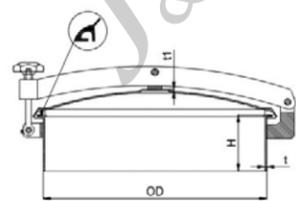
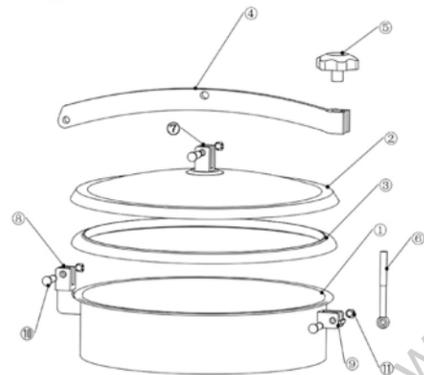


### Product Introduction

J&O round manhole cover without pressure is the most common manhole, which fits the nonpressure tanks. It is generally installed on the top of the tank. It is the entrance and exit for production workers and maintenance workers when building, cleaning and pouring tanks. The strength and sealing performance of manholes are key technologies, but only for pressure manholes. The requirements for strength and sealing performance of non-pressure manholes are secondary.

### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Bracket	304 / 316L	1
5	Handwheel	304 / ABS	1
6	Swing Bolt	304	1
7	Up Hinge Support	304	1
8	Back Hinge Support	304	1
9	Front Hinge Support	304	1
10	Pin	304	1
11	Lock Ring	304	1



JOF-MHR001

### Dimensions

Size	OD	H	t	t1	Pres (Bar)
200	200	100	2.5	2	0-0.1
219	219	100	2.5	2	0-0.1
250	250	100	2.5	2	0-0.1
300	300	100	2.5	2	0-0.1
350	350	100	3	2	0-0.1
400	400	100	3	2.5	0-0.1
430	430	100	3	2.5	0-0.1
450	450	100	3	2.5	0-0.1
500	500	100	3	2.5	0-0.1
600	600	100	3	2.5	0-0.1

The height (H) and collar (t) can be customized on request

## Round Manhole Cover with Sight Glass

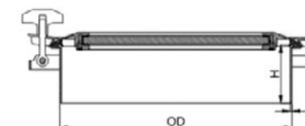
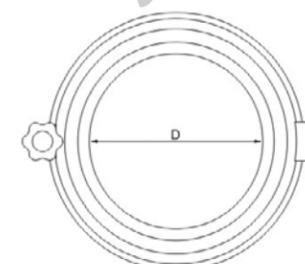
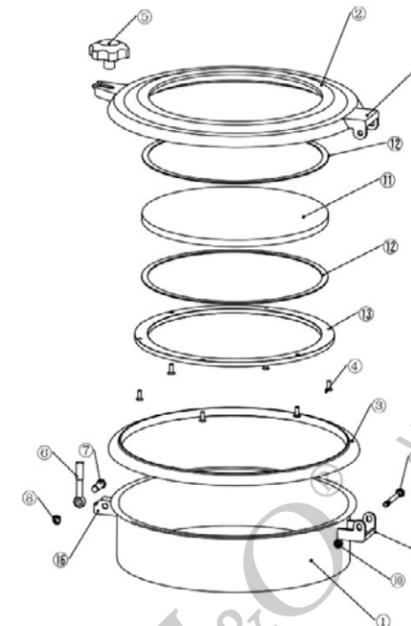


### Product Introduction

J&O Round Manhole Cover with Sight Glass Non-pressure manhole is the most common manhole, which fits the non-pressure tanks. It is generally installed on the top of the tank. It is the entrance and exit for production workers and maintenance workers when building, cleaning and pouring tanks. The strength and sealing performance of manholes are key technologies, but only for pressure manholes. The requirements for strength and sealing performance of non-pressure manholes are secondary.

### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	silicone	1
4	Countersunk Screws	304	
5	Handwheel	304 / ABS / Ring	1
6	Swing Bolt	304	1
7	Pin	304	1
8	Snap Ring	304	1
9	Hex Screw	304	1
10	Hex Nut	304	1
11	Glass	Tempered Glass	1
12	Gasket	Silicone	2
13	Flange	304	1
14	Upper Hinge	304	1
15	Lower Hinge	304	1
16	Front Fixing Bracket	304	1



JOF-MHRWSG

### Dimensions

Size	OD	H	t	t1	D
300	300	100	3	2	200
350	350	100	3	2	250
400	400	100	3	2.5	300
450	450	100	3	2.5	250
500	500	100	3	2.5	400
600	600	100	3	2.5	500

The height (H) and collar (t) can be customized on request

## Round Manhole Cover with Sight Glass



### Product Introduction

J&O Round Manhole Cover with Sight Glass is the most common manhole, which fits the non-pressure tanks. It is generally installed on the top of the tank. It is the entrance and exit for production workers and maintenance workers when building, cleaning and pouring tanks. The strength and sealing performance of manholes are key technologies, but only for pressure manholes. The requirements for strength and sealing performance of non-pressure manholes are not so high.

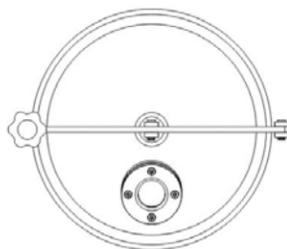
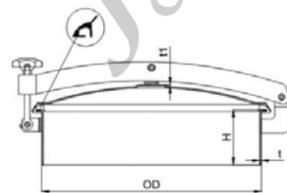
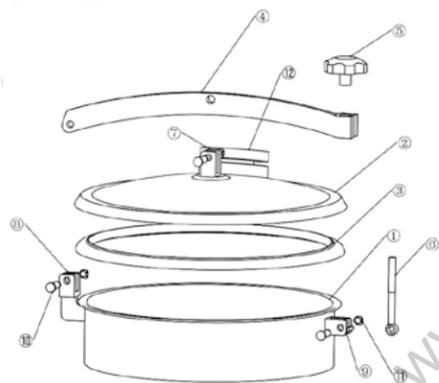
### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Bracket	304 / 316L	1
5	Handwheel	304 / ABS	1
6	Swing Bolt	304	1
7	Up Hinge Support	304	1
8	Back Hinge Support	304	1
9	Front Hinge Support	304	1
10	Pin	304	1
11	Lock Ring	304	1
12	Sight Glass	304	1

### Dimensions

Size	OD	H	t	t1	Sight Glass
350	350	100	3	2.5	DN50
400	400	100	3	2.5	DN80
430	430	100	3	2.5	DN80
450	450	100	3	2.5	DN80
500	500	100	3	2.5	DN100
600	600	100	3	2.5	DN100

The height (H) and collar (t) can be customized on request



JOF-MHR001-SG

## Manhole With Full View Sight Glass



### Product Introduction

J&O The manhole cover with full view sight glass on the saccharification tank makes it convenient to observe the fermentation process.

Its cover is made of 10-20mm thick tempered glass with stainless steel flange edges, providing a more intuitive observation of the biological fermentation state.

Product name: sight glass manhole, manhole with full view sight glass, saccharification tank manhole

Material: tempered glass, SS304/SS316L

Grade: sanitary

Style: transparent tempered glass

Features: easy to observe the biological dynamics inside the tank, pressure resistant, plum handwheel with quick opening structure

Application fields: biopharmaceutical, beer and beverage, food, electronic cleaning engineering, etc

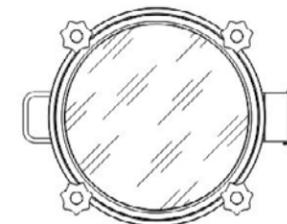
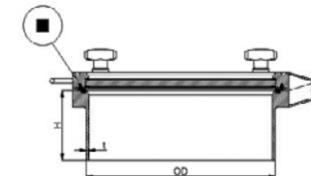
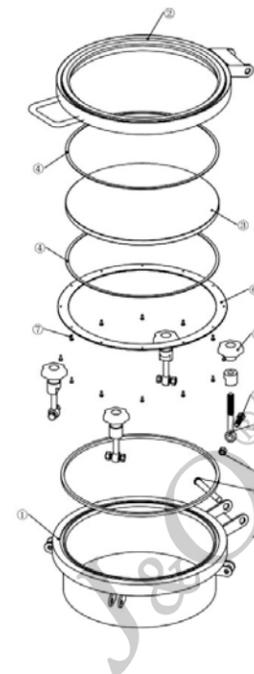
### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Tempered Glass	1
4	Bracket	Silicone	2
5	Handwheel	304 / ABS / Ring	4
6	Flange	304	1
7	Screw	304	8
8	Hex Bolt	304	4
9	Hex Nut	304	4
10	Snap Ring	304	4
11	Pin	304	1
12	Swing Bolt	304	4

### Dimensions

Size	OD	t	H
250	256	3	120 / 150 / 200
300	306	3	120
350	356	3	120
400	406	3	120
450	456	3	120
500	506	3	120
600	606	3	120

The height (H) and collar (t) can be customized on request



JOF-MHR005

## Pressure Manhole PN1-PN3



### Product Introduction

Material: SS304, SS316L

Pressure Range: 0.1-0.3MPa (higher pressure can be customized on request)

Surface Finish: mirror polish, matt polish

Features: quick opening style, nice and practical design

Applications: food tanks, pharmaceutical tanks, chemical tanks, etc

Size Range: DN150-DN600

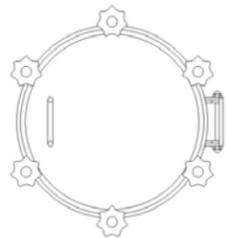
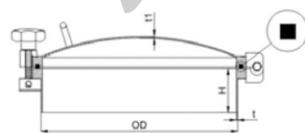
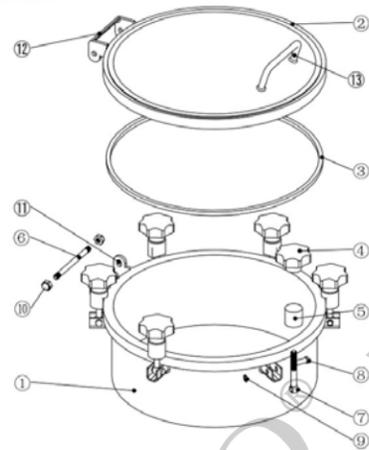
### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Handwheel	SS304 / ABS / Ring	4-8
5	Hub	304	1
6	Screw	304	1
7	Swing Bolt	304	4-8
8	Pin	304	4-8
9	Lock Ring	304	4-8
10	Nut	304	1
11	Upper Hinge	304	1
12	Lower Hinge	304	1
13	Handle	304	1

### Dimensions

Size	OD	H	t	t1	Handwheel Qty	Pres(Bar)
150	156	100	3	2.5	4	1-3
200	206	100	3	2.5	4	1-3
250	256	100	3	2.5	4	1-3
300	306	100	3	2.5	5	1-3
350	356	100	3	2.5	6	1-3
400	406	100	3	2.5	6	1-3
430	436	100	3	3	6	1-3
450	456	100	3	3	6	1-3
500	506	100	3	3	6	1-3
600	606	100	3	3	8	1-3

The height (H) and collar (t) can be customized on request



JOF-MHR003-02

## Pressure Manhole PN1-PN6



### Product Introduction

Material: SS304, SS316L

Pressure Range: 0.1-0.6MPa (higher pressure can be customized on request)

Surface Finish: mirror polish, matt polish

Features: quick opening style, nice and practical design

Applications: food tanks, pharmaceutical tanks, chemical tanks, etc

Size Range: DN300-DN600

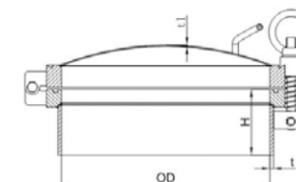
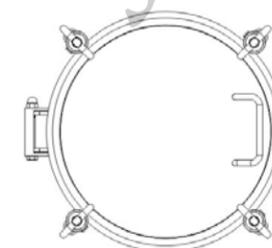
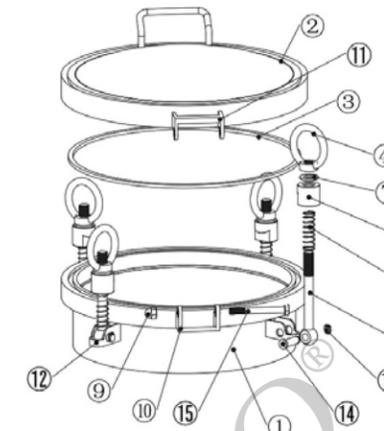
### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	silicone	1
4	Hand Ring	304 / ABS	4
5	Hub	304	4
6	Swing Bolt	304	1
7	Gasket	304	1
8	Spring	304	1
9	Hex Nut	304	1
10	Upper Hinge	304	1
11	Lower Hinge	304	1
12	Lug	304	4
13	Snap Ring	304	4
14	Pin	304	4
15	Hex Bolt	304	1

### Dimensions

Size	OD	H	t	t1
300	300	120	6	4
350	350	120	6	4
400	400	120	6	4
450	450	120	6	4
500	500	120	6	5
600	600	120	6	4

The height (H) and collar (t) can be customized on request



JOF-MHR003

## Pressure Manhole With Sight Glass



### Product Introduction

With a sight glass, it is convenient to observe the material inside the tank without opening the cover.

It can be used for the control of water, gas, oil, and corrosive media in industries such as chemical, petroleum, plumbing, food, and pharmaceuticals.

Sealing Material: EPDM, NBR, silicone, viton

Main Material: SS304, SS316L

Inner Surface Finish: mirror polish, matt polish,

Outer Surface Finish: mirror polish, matt polish, sandblasted

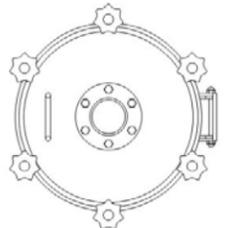
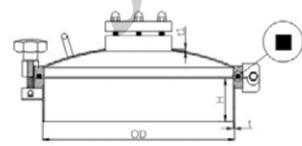
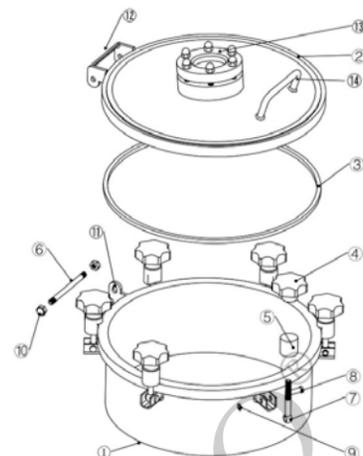
### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Handwheel	SS304 / ABS / RING	4-8
5	Hub	304	4-8
6	Hex Screw	304	1
7	Swing Bolt	304	4-8
8	Pin	304	4-8
9	Snap Ring	304	4-8
10	Nut	304	2
11	Lower Hinge	304	1
12	Upper Hinge	304	1
13	Sight Glass	304	1
14	Handle	304	1

### Dimensions

Size	OD	H	t	t1	Sight Glass
200	206	100	3	2.5	DN50
300	306	100	3	2.5	DN65
350	356	100	3	2.5	DN80
400	406	100	3	2.5	DN80
430	436	100	3	3	DN80
450	456	100	3	3	DN80
500	506	100	3	3	DN100
600	606	100	3	3	DN100

The height (H) and collar (t) can be customized on request



JOF-MHR006

## Pressure Handhole



### Product Introduction

The pressure handhole can be used for the control of water, gas, oil, and corrosive media in industries such as chemical, petroleum, plumbing, food, and pharmaceuticals.

Sealing Material: EPDM, NBR, silicone, viton

Main Material: SS304, SS316L

Inner Surface Finish: mirror polish, matt polish

Outer Surface Finish: mirror polish, matt polish, sandblasted

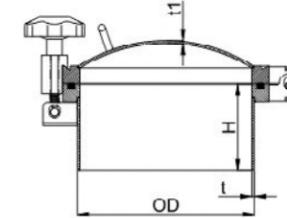
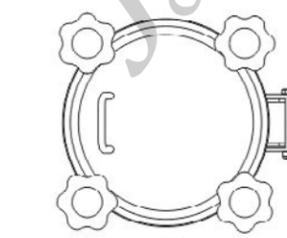
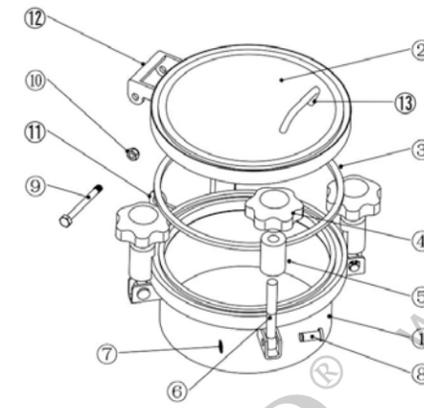
### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Handwheel	SS304 / ABS / RING	
5	Hub	304	
6	Swing Bolt	304	
7	Snap Ring	304	
8	Pin	304	
9	Hex Bolt	304	1
10	Nut	304	1
11	Lower Hinge	304	1
12	Upper Hinge	304	1
13	Handle	304	1

### Dimensions

Size	OD	H	t	t1
80	89	100	3	2.5
100	108	100	3	2.5
125	133	100	3	2.5
150	159	100	3	2.5
200	206	100	3	2.5
219	219	100	3	2.5
250	256	100	3	2.5

The height (H) and collar (t) can be customized on request



JOF-MHR003-02S

## Pressure Handhole With Sight Glass



### Product Introduction

The pressure handhole with sight glass can be used for the control of water, gas, oil and corrosive media in industries such as chemical, petroleum, plumbing, food, and pharmaceuticals.

Sealing Material: EPDM, NBR, silicone, viton

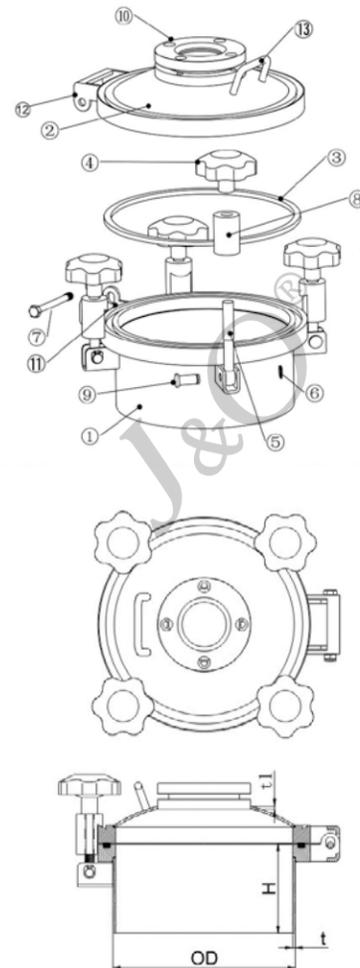
Main Material: SS304, SS316L

Inner Surface Finish: mirror polish, matt polish

Outer Surface Finish: mirror polish, matt polish, sandblasted

### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Handwheel	S304 / ABS / RING	
5	Swing Bolt	304	
6	Pin	304	
7	Hex Bolt	304	1
8	Hub	304	1
9	Snap Ring	304	
10	Sight Glass	304	1
11	Lower Hinge	304	1
12	Upper Hinge	304	1
13	Handle	304	1



JOF-MHR006S

### Dimensions

Size	OD	H	t	t1
200	206	100	3	2.5
219	219	100	3	2.5
250	256	100	3	2.5
300	306	100	3	2.5

The height (H) and collar (t) can be customized on request

## Rectangular Manhole With Single Lock



### Product Introduction

Applications: observation holes, tanks

Category: sanitary square manhole series

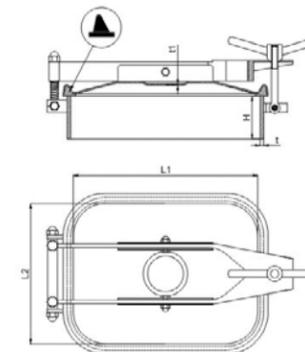
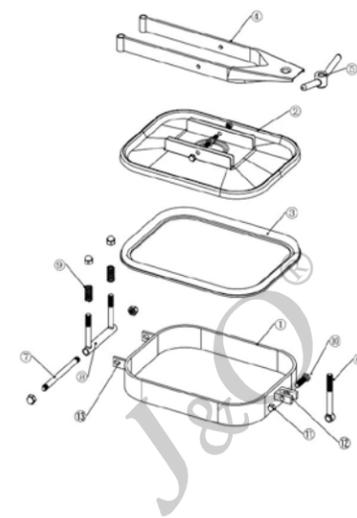
Name: Square Manhole, Rectangular Manhole

Material: 304, 316L, etc. (other materials can be customized)

Features: The manhole adopts a quick opening structure, which is safe, practical and easy to open. This type of manhole is mostly installed on the side of the tank. It is used in conditions where access to large tanks and containers is required to be lockable. Internal and external mirror polish or matt polish.

### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Bracket	304 / 316L	1
5	Top Nut	304	1
6	Swing Bolt	304	1
7	Screw	304	1
8	Back Hinge Support	304	1
9	Spring	304	2
10	Hex Bolt	304	2
11	Nut	304	3
12	Rear Fixed Support	304	1
13	Front Fixed Support	304	1



JOF-MHS003

### Dimensions

Size	L1	L2	H	t	t1
435×335	419	319	80	8	2.5
411×531	515	395	80	8	3
431×531	515	415	80	8	3
415×535	515	395	80	10	3
435×535	515	415	80	10	3

The height (H) and collar (t) can be customized on request

## Rectangular Manhole With Double Lock



### Product Introduction

Applications: observation holes, tanks

Category: sanitary square manhole series

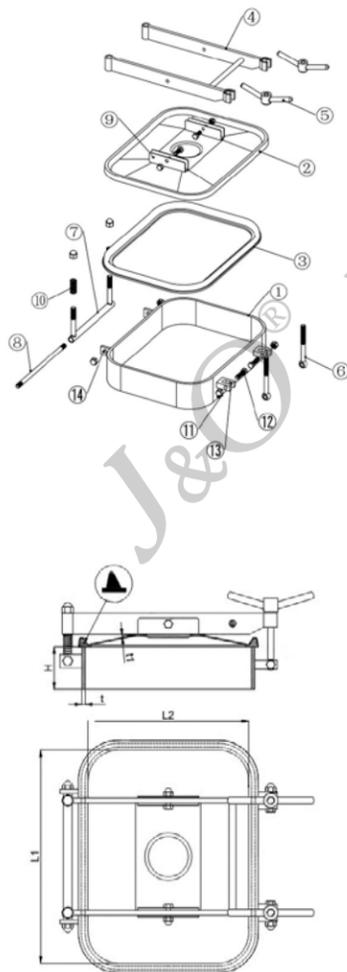
Name: Square Manhole, Rectangular Manhole

Material: 304, 316L, etc. (other materials can be customized)

Features: The manhole adopts a quick opening structure, which is safe, practical and easy to open. This type of manhole is mostly installed on the side of the tank. It is used in conditions where access to large tanks and containers is required to be lockable. Internal and external mirror polish or matt polish.

### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Bracket	304	1
5	Top Nut	304	2
6	Swing Bolt	304	2
7	Back Hinge Support	304	1
8	Screw	304	1
9	Cover Support	304	2
10	Spring	304	2
11	Nut	304	6
12	Bolt	304	4
13	Front Fixed Support	304	1
14	Black Fixed Support	304	1



JOF-MHS002

### Dimensions

Size	L1	L2	H	t	t1	Pres (Bar)
435×335	419	319	80	8	2.5	1-3
411×535	515	395	80	8	3	1-3
431×535	515	415	80	8	3	1-3
415×535	515	395	80	10	3	1-3
435×535	515	415	80	10	3	1-3

The height (H) and collar (t) can be customized on request

## Square Handhole



### Product Introduction

Category: sanitary square handhole series

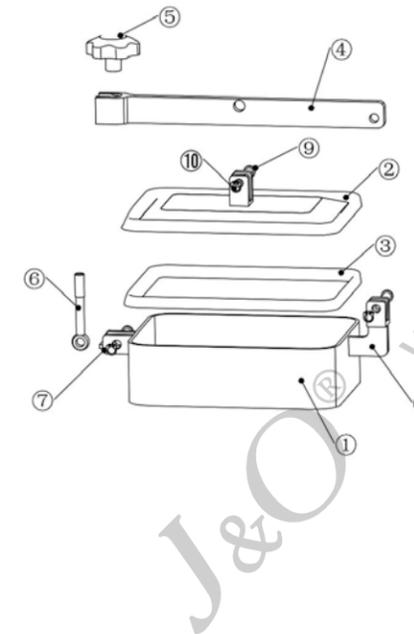
Name: Square Handhole, Rectangular Handhole

Material: 304, 316L, etc. (other materials can be customized)

Features: The handhole adopts a quick opening structure, which is safe, practical and easy to open, withstand pressure  $\leq 0.2\text{MPa}$ . It is widely used in movable tanks and fixed tanks. It is mainly installed on the side of stainless steel tanks and containers. Internal and external mirror polish or matt polish.

### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Bracket	304	1
5	Handwheel	S304 / ABS / Ring	1
6	Swing Bolt	304	1
7	Back Hinge Support	304	1
8	Lug	304	1
9	Pin	304	1
10	Snap Ring	304	1



JOF-MHS001

### Dimensions

Size	L1	L2	H	t	t1
150×250	242	142	80	4	2
185×235	227	177	80	4	2
200×280	270	190	80	5	2
230×330	320	220	80	5	2

The height (H) and collar (t) can be customized on request

## Oval Manhole Cover without Pressure



### Product Introduction

J&O Oval Manhole Cover without Pressure is the most common manhole, which fits the non-pressure tanks. It is generally installed on the top of the tank. It is the entrance and exit for production workers and maintenance workers when building, cleaning and pouring tanks.

The strength and sealing performance of manholes are key technologies, but only for pressure manholes. The requirements for strength and sealing performance of non-pressure manholes are not so high.

### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Bracket	304 / 316L	1
5	Handwheel	304	1
6	Swing Bolt	304	1
7	Pin	304	2
8	Snap Ring	304	2
9	Back Hinge Support	304	1
10	Pin	304	1
11	Snap Ring	304	1

### Dimensions

Size	OD	H	t	t1
250×350	250×350	100	2.5	2
300×420	300×420	100	3	2
330×430	330×430	100	3	2
350×450	350×450	100	3	2.5
430×530	430×530	100	3	2.5

The height (H) and collar (t) can be customized on request

JOF-MHO203

## Oval Manhole With Sight Glass



### Product Introduction

Material: SS304, SS316L

Pressure Range: 0.1-0.3MPa

Surface Finish: mirror polish, matt polish

Features: quick opening style, nice and practical design, can be welded on the side, top and bottom of the tank body

Applications: food tanks, pharmaceutical tanks, chemical tanks, etc

### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	silicone	1
4	Handwheel	304 / ABS / Ring	1
5	Hub	304	1
6	Pin	304	1
7	Snap Ring	304	1
8	Sight Glass	304	1
9	Upper Hinge	304	1
10	Lower Hinge	304	1

### Dimensions

Size	OD	H	L	t	t1
250×400	250×400	90	150	4	4
300×400	300×400	90	100	4	4

The height (H) and collar (t) can be customized on request

JOF-MHOP204

## Oval Inward Manhole



### Product Introduction

This type of manhole is mainly used on the side of the tank body.

Stainless steel handwheel (or according to customer requirements).

Internal Surface Finish: mirror polish Ra 0.4um-0.6um

External Surface Finish: mirror or matt polish, sandblasting

Pressure Range: 0.1-0.3MPa

Sealing Material: EPDM, NBR, silicone, viton

Frame Thickness: 8mm/10mm

Cover Thickness: 2.5mm/3mm

Height: 80mm

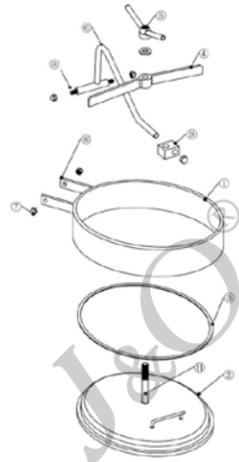
Applications: food, beer, beverage tanks, etc

Operation: Release the handwheel and push inward

Handle: Spanner type / handwheel type

### Parts List

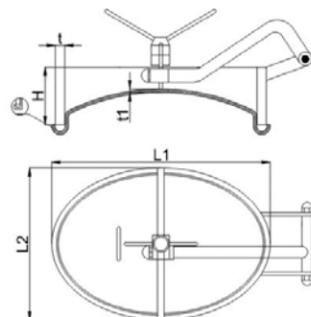
No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silica Gel	1
4	Bracket	304	1
5	Spanner Handle	Silicone	1
6	Suspension Arm	304	1
7	Hex Nut	304	2
8	Bolt	304	1
9	Hub	304 / ABS	1
10	Support Lug	304	2
11	Screw	304	1



### Dimensions

Size	L	L2	H	t	t1
430×330	430	330	80	8	2.5
450×350	450	350	80	8	2.5
530×430	530	430	80	8	3
530×430	530	430	80	10	3
635×525	635	525	80	10	3

The height (H) and collar (t) can be customized on request



JOF-MHO202

## Oval Inward Manhole With Bevel Edge



### Product Introduction

Features: Compared to ordinary inward manhole, this type of manhole is easy to clean and residues are not easily retained. It is suitable for equipment with high cleanliness requirements in fields such as food and pharmaceuticals, etc. Material is ensured by providing inspection reports.

Pressure Range: 0-0.4 MPa working pressure

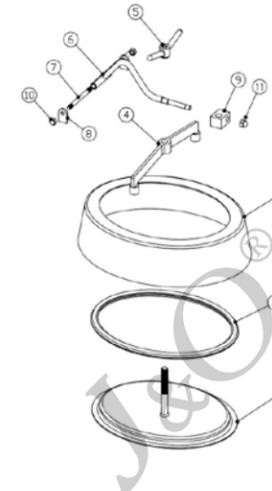
Product material: SS304, SS316L

Surface Finish: mirror polish inside and outside, or mirror polish inside and matte polish outside

Applications: necessary accessories for equipment such as food tanks, beer tanks, etc.

### Parts List

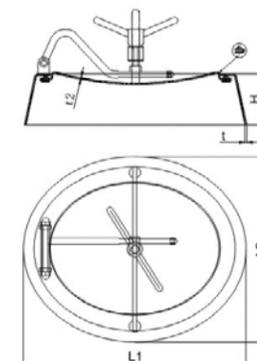
No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Bracket	304	1
5	Spanner Handle	304	1
6	Suspension Arm	304	1
7	Bolt	304	1
8	Support Lug	304	2
9	Hub	304 / ABS	1
10	Nut	304	2
11	Nut	304	1



### Dimensions

Size	L	L2	H	t	t1	Pres (Bar)
550×450	550	450	80	5	4	1-3
550×450A	550	450	80	4	4	1-3
565×465	565	465	100	5	4	1-3
580×485	580	480	133	5	4	1-3

The height (H) and collar (t) can be customized on request



JOF-MHO201

## Round Manhole with Ribbed Without Pressure



### Product Introduction

Compared with the ordinary atmospheric manholes, the cover design of the sanitary ribbed manholes is unique. The cover is easy to open, and it can be opened 180 degrees and rotated 360 degrees. The sealing ring is installed on the cover, which can meet the hygienic requirements of food tanks and other ordinary tanks. Due to limited pressure resistance, this manhole can only be installed on the top of the tank.

Name: Stainless Steel Ribbed Manhole

Material: SS304, SS316L

Handwheel: Plastic, Stainless Steel

Inner Surface Finish: mirror polish, matt polish

Outer Surface Finish: mirror polish, matt polish, sandblasted

Pressure: atmospheric pressure

Gasket: EPDM, NBR, silicone, FKM

Height: 100mm or customized on request

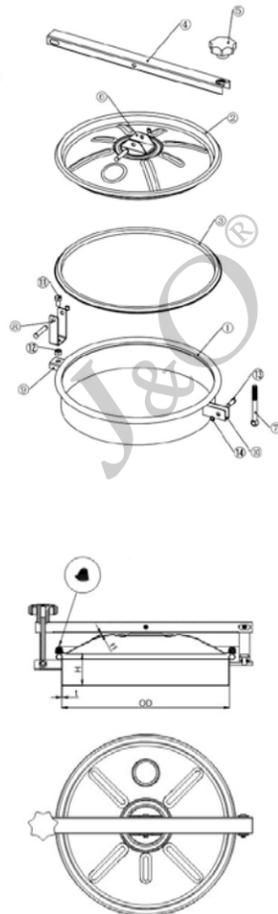
### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Bracket	304	1
5	Handwheel	304	1
6	Upper Hinge Support	304	1
7	Swing Bolt	304	1
8	Back Hinge Support	304	1
9	Back Mounting Support	304	1
10	Front Support Lug	304	1
11	Hex Bolt	304	1
12	Hex Nut	304	1
13	Pin	304	1
14	Snap Ring	304	1

### Dimensions

Size	OD	H	t	t1
400	400	100	2	1.5
450	450	100	2	1.5
500	500	100	2	1.5

The height (H) and collar (t) can be customized on request



JOF-MHR002

## Fan-Shaped Manhole



### Product Introduction

The fan-shaped manhole is a product designed specifically for small diameter mixing tanks, characterized by saving space and maximizing the feeding port in the case of small ends. It is very convenient for workers to enter and exit the tank. Its unique shaped design is very suitable for small tanks.

Material: SS304, SS316L

Pressure: atmospheric pressure

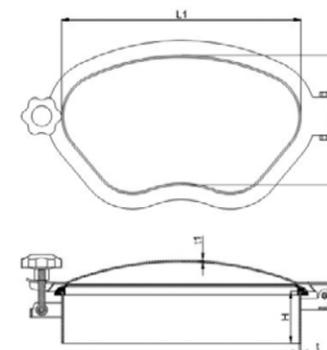
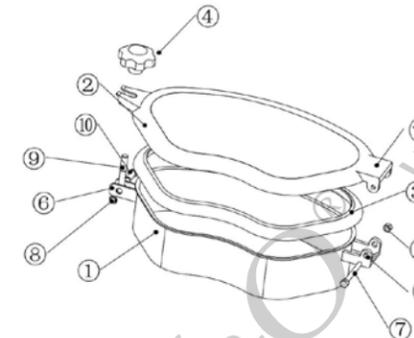
Inner Surface Finish: mirror polish, matt polish

Outer Surface Finish: mirror polish, matt polish

Applications: necessary accessories for equipments in the fields of food, biopharmaceuticals, beer and dairy

### Parts List

No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Handwheel	304 / ABS / Ring	1
5	Hex Nut	304	1
6	Front Support Lug	304	1
7	Hex Nut	304	1
8	Hex Nut	304	1
9	Swing Bolt	304	1
10	Pin	304	1
11	Lower Hinge	304	1
12	Upper Hinge	304	1



JOF-MHFS

### Dimensions

Size	L1	L2	H	t	t1
417×224	417	224	90	2.5	

The height (H) and collar (t) can be customized on request

## Clamp Type Manhole



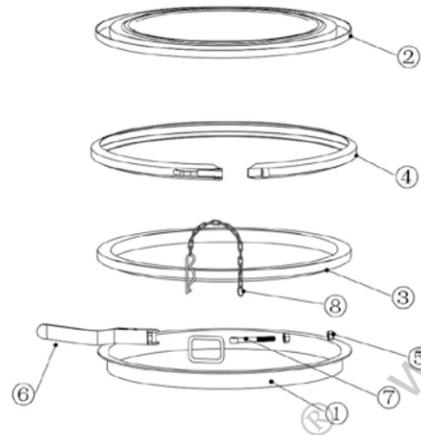
### Product Introduction

The clamp type manhole, also known as the quick release manhole or powder manhole, is a feeding device used on the top of the powder tank. It is generally used on pharmaceutical turnover powder silos and some lithium battery material turnover powder silo equipments.

Surface Finish: mirror polish inside, mirror polish or matte polish outside, Ra ≤ 0.6um

### Parts List

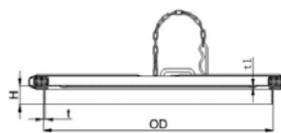
No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Clamp	304	1
5	Hex Nut	304	2
6	Handle	304	1
7	Swing Bolt	304	1
8	Chain	304	1



### Dimensions

Size	OD	H	t	t1
300	300	35	2.5	1.5
350	350	35	2.5	1.5
400	400	35	2.5	1.5
450	450	35	2.5	1.5
500	500	35	2.5	1.5
600	600	35	3	2

The height (H) and collar (t) can be customized on request



JOF-MHCLP01

## Clamp Type Manhole



### Product Introduction

The clamp type manhole, also known as the quick release manhole or powder manhole, is a feeding device used on the top of the powder tank. It is generally used on pharmaceutical turnover powder silos and some lithium battery material turnover powder silo equipments.

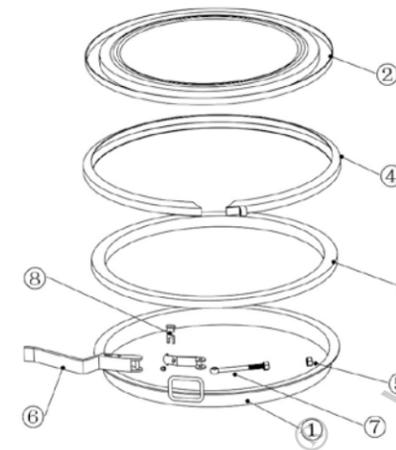
Pressure: atmospheric pressure

Inner Surface Finish: mirror polish, matt polish

Outer Surface Finish: mirror polish, matt polish

### Parts List

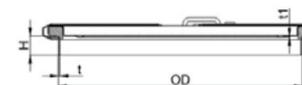
No.	Description	Material	Quality
1	Frame	304 / 316L	1
2	Cover	304 / 316L	1
3	Gasket	Silicone	1
4	Clamp	304	1
5	Hex Nut	304	2
6	Handle	304	1
7	Swing Bolt	304	1
8	Pin	304	1



### Dimensions

Spec	OD	H	t	t1
300	300	35	2.5	1.5
350	350	35	2.5	1.5
400	400	35	2.5	1.5
450	450	35	2.5	1.5
500	500	35	2.5	1.5
600	600	35	3	2

The height (H) and collar (t) can be customized on request



JOF-MHCLP02