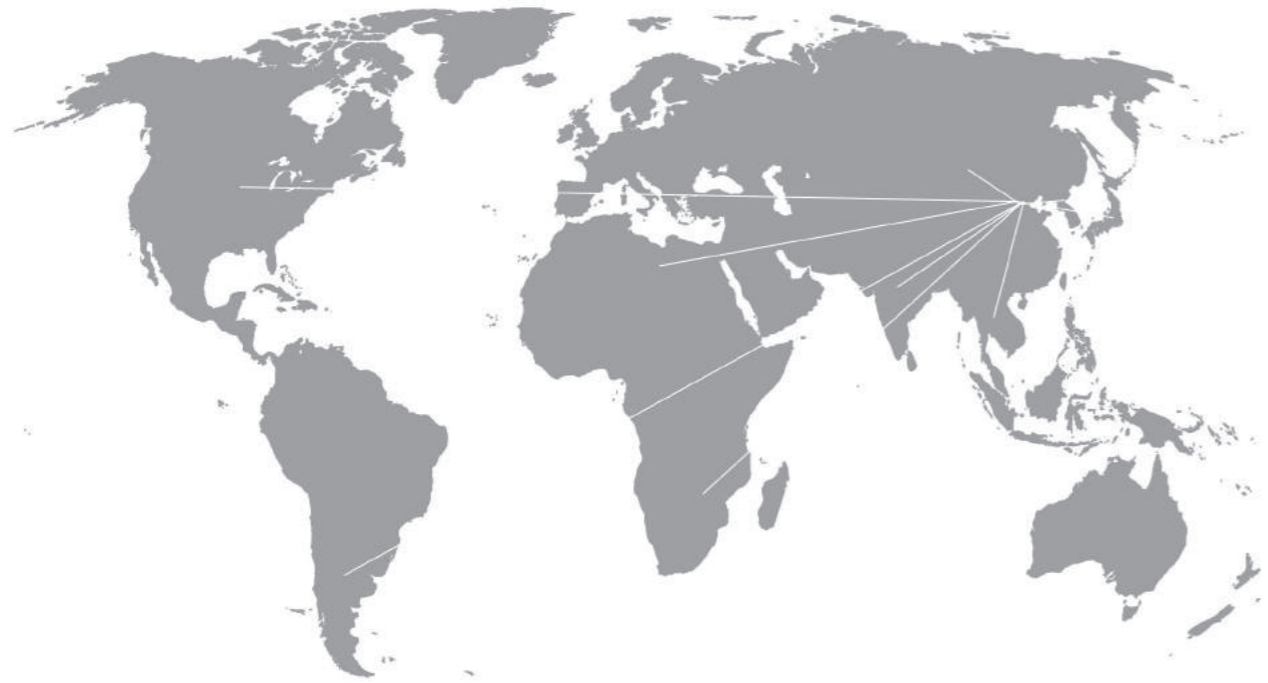


# WELKEN

We Provide the World with High Quality  
Products and Perfect Service



## WELKEN

Marst Safety Equipment (Tianjin) Co., Ltd

Tel: +86-22-88823317

Fax: +86-22-58712985

E-Mail: [welken@chinawelken.com](mailto:welken@chinawelken.com)

[marst@chinawelken.com](mailto:marst@chinawelken.com)

Web: [www.chinawelken.com](http://www.chinawelken.com)

[www.chinamarst.com](http://www.chinamarst.com)

# WELKEN



**Make You In Safe**  
**Top Picks For Safety**   
LOOK INSIDE

Marst Safety Equipment (Tianjin) Co., Ltd



Marst Safety Equipment (Tianjin) Co., Ltd is the professional manufacturer who focus on research and development, production and sales of personal protective equipment. Our company holds the concept of "With quality to win credibility, science and technology to win the future" and always focus on brand building and products innovation. We own independent intellectual property rights and professional R&D team, dedicated to provide customers with quality services and one-stop solutions for personal safety protection.

Our factory was built in 1998. In 2007, in order to promote the products to the international market, Tianjin Bradi Security Equipment Co., Ltd, which has import and export right was established. We highly pay attention to customer's value and are committed to continuous products and services improvement.

We are also the Chinese supplier of Made-in-China and Alibaba. For more than ten years, we have actively promoted exchanges and cooperation with customers from all over the world through global professional exhibitions held in Germany, the United States and other areas. Our products are exported to more than 50 countries and regions. We have nearly 100 invention patents and utility models. The main products of safety lockout, eye wash stations, safety tripods, have passed CE certificates, and eye wash stations also have ANSI certificates. We strive to create world-class levels products and provide work safety and security for more customers! In 2016, Tianjin Bradi Security Equipment Co., Ltd was recognized as a national high-tech enterprise. In 2019, in order to achieve leap-forward development, the company integrated its business into Marst Safety Equipment (Tianjin) Co., Ltd formed a scientific and technological manufacturing enterprise, which mainly integrates R&D, production, sales and technical services. It consists of five business segments: safety lockout, eye wash stations, safety tripods, intelligent shoe making machine and food machine.

God helps those who help themselves; great virtue can carry all things. Marst Safety Equipment (Tianjin) Co., Ltd has always been committed to continuous improvement and surpassing development, and is committed to providing more quality safety products to domestic and foreign customers.

## ANSI certificate CE certificate



## Patent certificate



Safety Padlock 04



PVC Tags and Warning Sign 10



Electrical Lockout 11



Valve Lockout 22



Hasp Lockout 28



Cable Lockout 31



Lockout Station 35



Other Types of Safety Lockout 40



## What is Lockout/Tagout ?

In a locked way to avoid people operating isolated power sources or equipment casually until the isolation finished and the Lockout/ Tagout removed. By using Lockout Tags to warn people the isolated power sources or equipment cannot be operated casually.

## Why use Lockout/Tagout ?

1. Prevent accident, protect life;
2. Improve production efficiency;
3. Save cost.

## Please use the Lockout/Tagout to lock the following power sources:

1. Power;
2. Hydraulic energy;
3. Pneumatic energy;
4. Gravity;
5. Chemical energy;
6. Heat;
7. Radiant energy.

## Relevant laws and regulations:

- Law of the People's Republic of China on Work Safety (November 2002)
- Occupation Health and Safety Management Systems (December 2001)
- Working Regulation of Power Safety (January 1987)
- Safety Production License Regulations (March 2006)
- Safety and Hygiene Regulations for Plant (May 1956)
- Occupation Disease Prevention and Control Law (May 2002)
- Occupation Health Supervision and Management Approach (May 2002)
- National Mine Safety Law (November 1992)
- Control of Hazardous Energy (Lockout/Tagout)(American OSHA,29CFR 1910.147)
- Europe in Work Safety and Health Regulations (European OSHA)
- National Standard for Plant [NOHSC:1010](Australian )

## Lockout/Tagout Procedures:

1. Prepare for shutdown.  
Identify the type of energy (power, machinery...) and potential hazards, locate the isolation devices and prepare to turn off the energy source.
2. Notification  
Inform the relevant operators and supervisors who may be affected by isolating the machine.
3. Shut down  
Shut down the machine or equipment.
4. Isolate the machine or equipment  
Under necessary conditions, set isolation area for the machine or equipment which need Lockout/Tagout, such as warning tape, safety fence to isolate.
5. Lockout/Tagout  
Apply Lockout/Tagout for hazardous power source.
6. Release hazardous energy  
Release stocked hazardous energy, such as stocked gas, liquid. (Note: This step can operate before step 5, as per the actual situation to confirm.)
7. Verify  
After Lockout/Tagout, verify the isolation of the machine or equipment is valid.

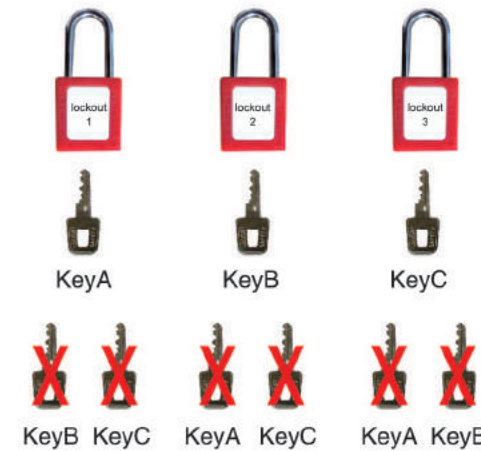
## Remove Lockout/Tagout Procedures:

1. Check tools, remove isolation facilities;
2. Check staff;
3. Remove Lockout/Tagout devices;
4. Inform relevant staff;
5. Restart equipment energy.

## The Function and Ways of Using the Key

### Keyed to Differ

Each padlock has unique key, padlock cannot open mutually.



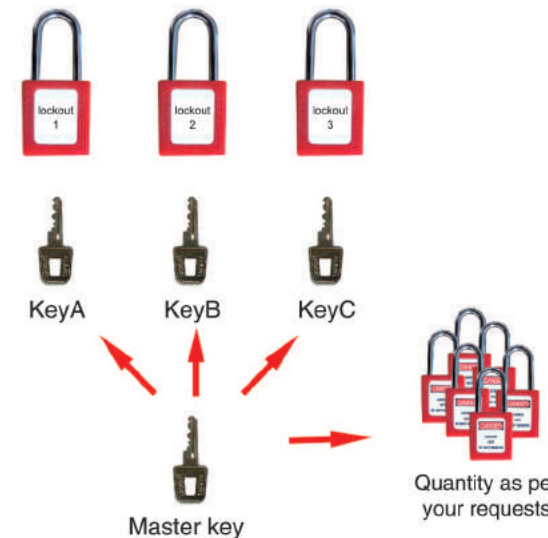
### Keyed Alike

Within a group, all padlocks can open mutually, one key or several keys can open all padlocks in this group. Can customize several groups, between groups cannot open mutually.



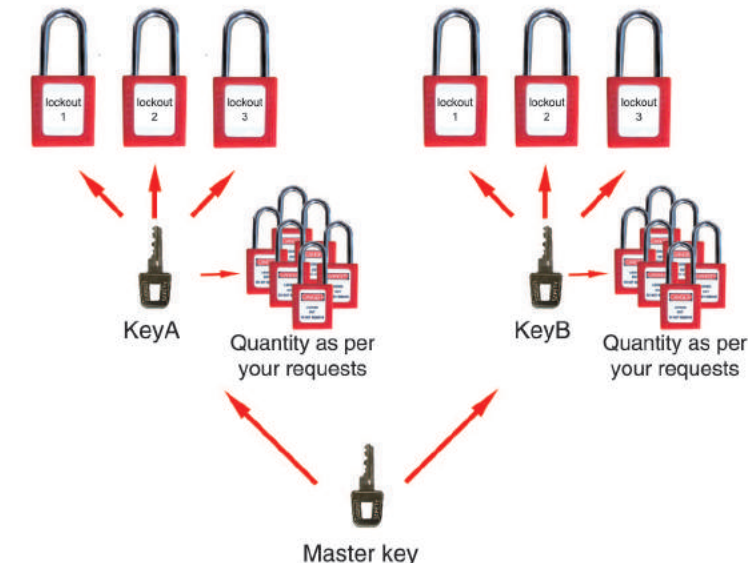
### Master&Differ

Within a group, each padlock just has unique key, padlock cannot open mutually, but one master key can open all padlocks in the group. Can customize several groups, different master keys between groups cannot open mutually.



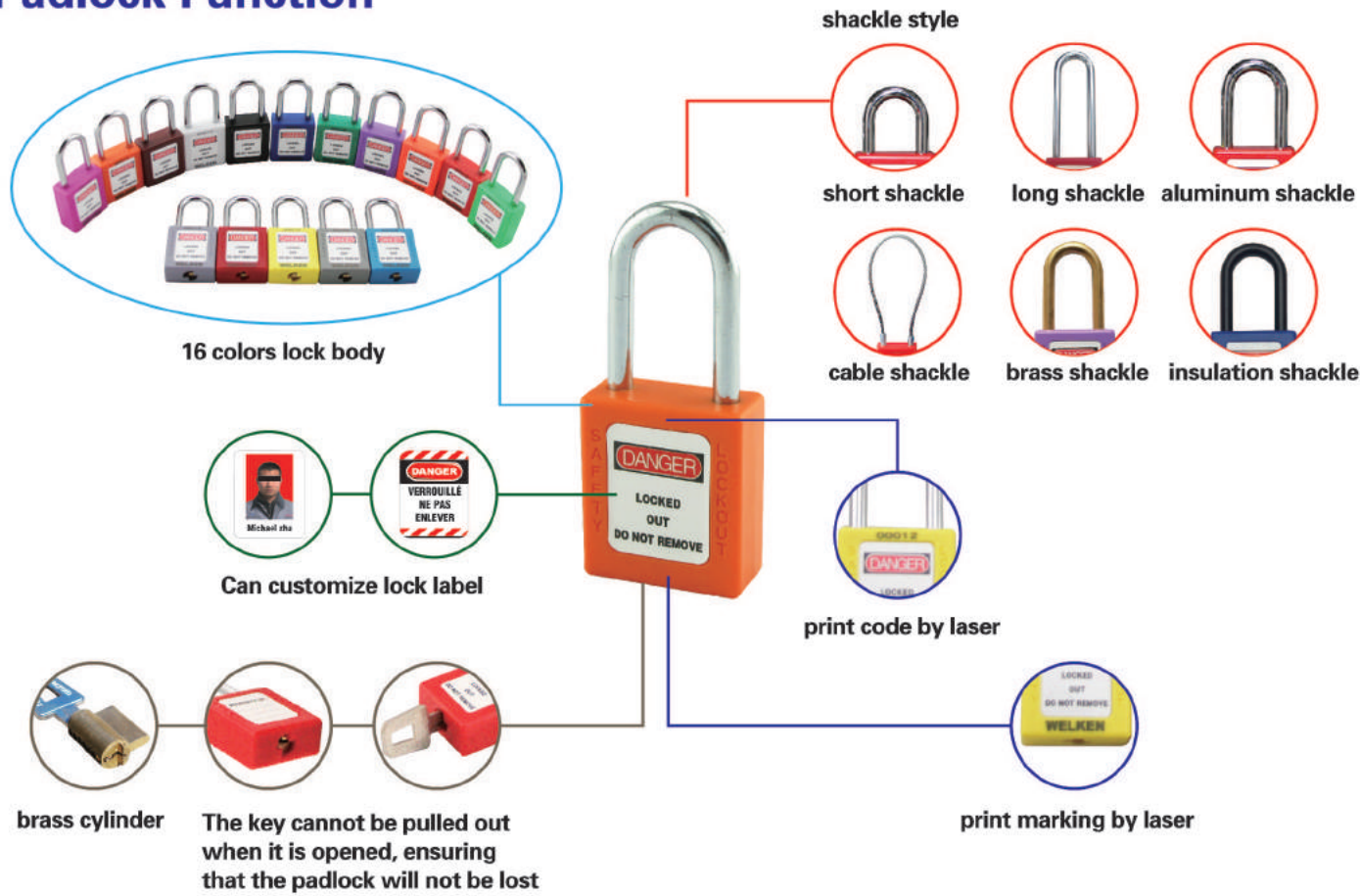
### Master&Alike

Within a group, all padlocks can open mutually, one key or several keys can open all padlocks in this group. Can customize several groups, between groups cannot open mutually. And if need open all groups padlocks, can add a master key.





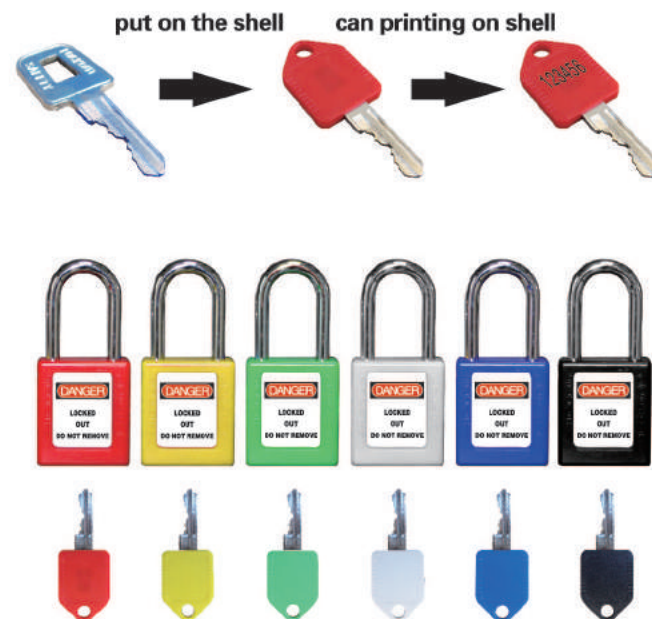
## Padlock Function



## The Function and Ways of the Colors of the Key

The company can provide key shells of 16 different colors to collocate keys, making the functions of keys more powerful.

- For example, the supervisor's key covers black shell and the personal key without shell, so that when it is used, it can easily distinguish which is the supervisor key.
- Different departments use different colors key. For example, the electrical maintenance department uses a key with a red shell with a red padlock, the locksmith department uses a key with a yellow shell with a yellow padlock, and the production department uses a key with a blue shell with a blue padlock. In this way, the color can distinguish which department is overhauling or which department's key, which facilitates the key management. The company can backup and archive the customer's padlock key according to the customer's request, so that the customer's key management system will be supplemented in the future which also can avoid the confusion of the original key management system.



## Safety Padlock

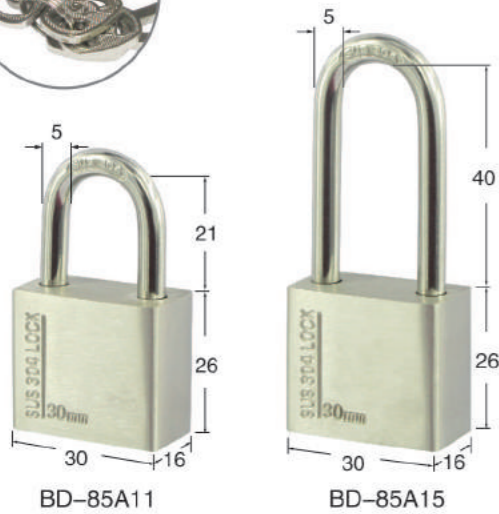
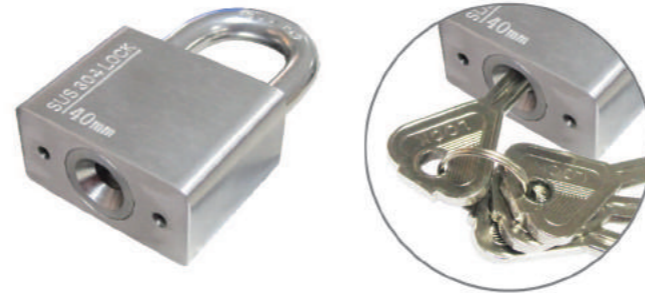
- ABS lock body is resistant impact, UV, corrosion, high and low temperature, shackle is heavy steel chrome plated, hard and beautiful.
- Lock body dimensions: Length 45mm, Width 40mm, Thickness 19mm; Shackle Diameter 6mm, Shackle Height 25mm, 38mm, 76mm three types to choose.
- Include 2 sets lock body warning labels, can write owner's information.
- 16 colors ABS lock body, convenient to choose.

Model	Description	Shackle Height
BD-8511	Keyed to differ, key-retaining	25mm
BD-8512	Keyed alike, key-retaining	
BD-8513	Master&alike, key-retaining	
BD-8514	Master&differ, key-retaining	38mm
BD-8521	Keyed to differ, key-retaining	
BD-8522	Keyed alike, key-retaining	
BD-8523	Master&alike, key-retaining	76mm
BD-8524	Master&differ, key-retaining	
BD-8525	Keyed to differ, key-retaining	
BD-8526	Keyed alike, key-retaining	
BD-8527	Master&alike, key-retaining	
BD-8528	Master&differ, key-retaining	



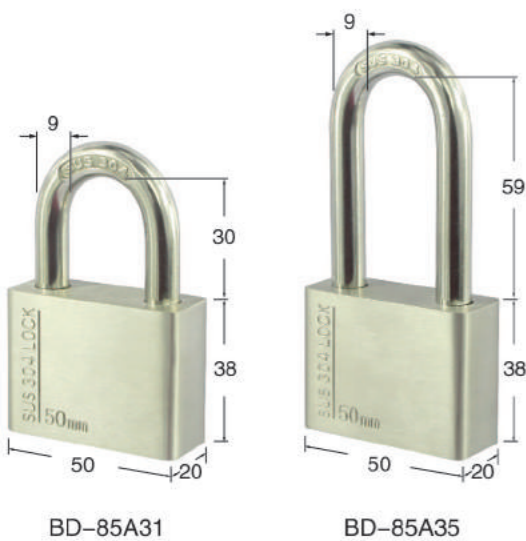
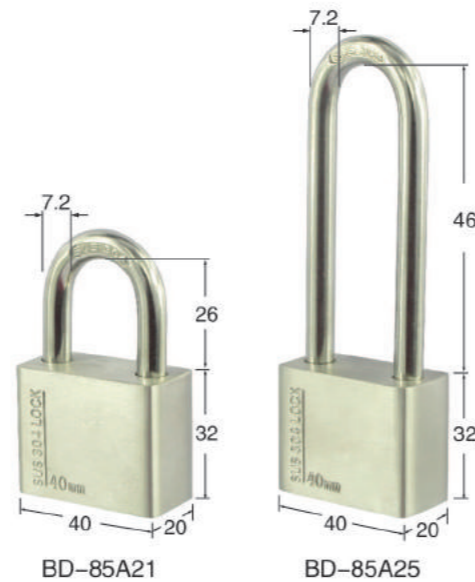


- Meticulous workmanship, SUS304 material, beautiful, resistance corrosion and antirust
- Double leakage hole to prevent water accumulation, corrosion
- Arc edge design, grinding, good handle without cutting hands
- Thicker SUS304 shackle can prevent cutting, sawing; safety and reliability
- There are four specifications lock body to choose; each specification can collocate long shackle or short shackle.



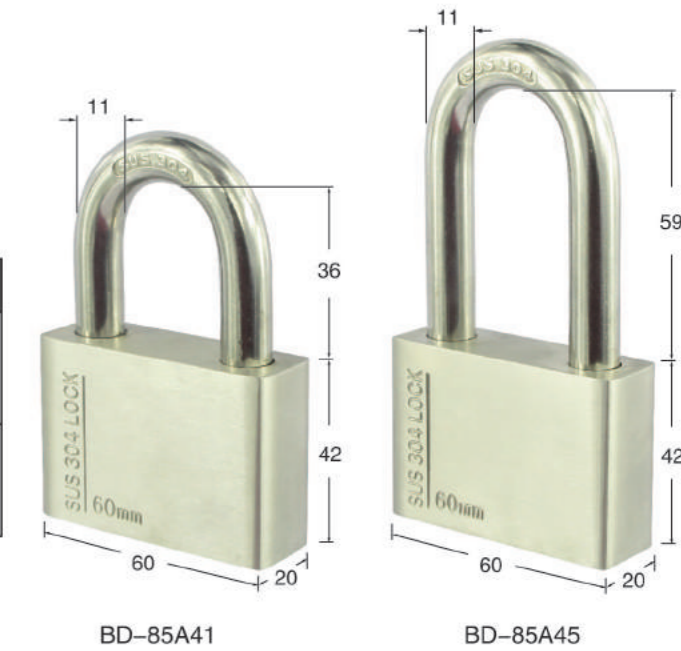
Model	Description	Size of Lock Body	Height of Shackle
BD-85A11	Keyed to differ, key-retaining	Width:30mm Height: 26mm Thickness: 16mm	Clear height:21cm Diameter: 5mm Distance: 15mm
BD-85A12	Keyed alike, key-retaining		
BD-85A15	Keyed to differ, key-retaining		Clear height: 40cm Diameter: 5mm Distance: 15mm
BD-85A16	Keyed alike, key-retaining		

Model	Description	Size of Lock Body	Height of Shackle
BD-85A21	Keyed to differ, key-retaining	Width:40mm Height: 32mm Thickness: 20mm	Clear height:26cm Diameter: 7.2mm Distance: 20mm
BD-85A22	Keyed alike, key-retaining		
BD-85A25	Keyed to differ, key-retaining		Clear height: 46cm Diameter: 7.2mm Distance: 20mm
BD-85A26	Keyed alike, key-retaining		



Model	Description	Size of Lock Body	Height of Shackle
BD-85A31	Keyed to differ, key-retaining	Width:50mm Height: 38mm Thickness: 20mm	Clear height:30cm Diameter: 9mm Distance: 23mm
BD-85A32	Keyed alike, key-retaining		
BD-85A35	Keyed to differ, key-retaining		Clear height: 59cm Diameter: 9mm Distance: 23mm
BD-85A36	Keyed alike, key-retaining		

Model	Description	Size of Lock Body	Height of Shackle
BD-85A41	Keyed to differ, key-retaining	Width:60mm Height: 42mm Thickness: 20mm	Clear height:36cm Diameter: 11mm Distance: 28mm
BD-85A42	Keyed alike, key-retaining		
BD-85A45	Keyed to differ, key-retaining		Clear height: 59cm Diameter: 11mm Distance: 28mm
BD-85A46	Keyed alike, key-retaining		

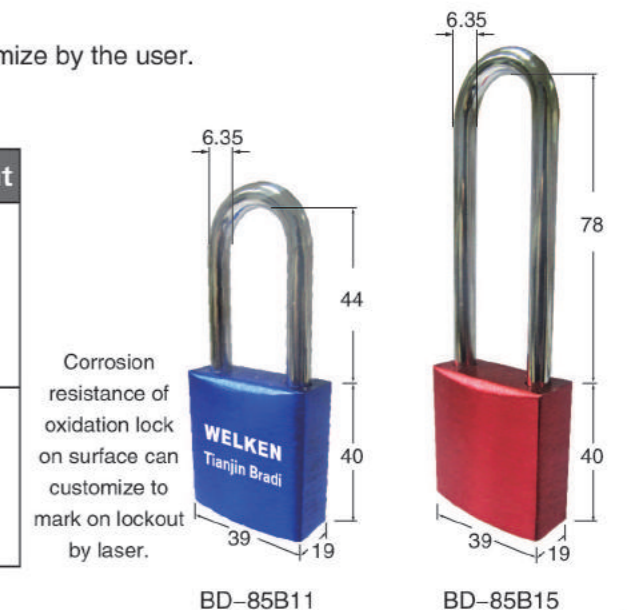


## Aluminum Padlock



- Suitable for chemical, automobile industry etc., light and solid, resistant chemical corrosion, high and low temperature, UV, and impact.
- Aluminum lock body, Chromium plated steel shackle, light and solid, bear a strong external force.
- Brass cylinder is more resistant corrosion, 6 cartridge cylinder improve the anti-lock by others.
- Provided eight colourful mental which include red, yellow, green, blue, black, purple, white, and orange
- Arc lock body design, height:40mm, width: 39mm, thickness: 19mm. Chromium plate steel shackle, height: 44mm and 78mm to choose, diameter: 6.35mm.
- Differ cylinder lockout, each lock can provide two keys, it also customize by the user.

Model	Description	Shackle Height
BD-85B11	Keyed to differ, key-retaining	44mm
BD-85B12	Keyed alike, key-retaining	
BD-85B13	Master & alike, key-retaining	
BD-85B14	Master & differ, key-retaining	
BD-85B15	Keyed to differ, key-retaining	78mm
BD-85B16	Keyed alike, key-retaining	
BD-85B17	Master & alike, key-retaining	
BD-85B18	Master & differ, key-retaining	



Corrosion resistance of oxidation lock on surface can customize to mark on lockout by laser.



## Insulation Safety Padlock

- ABS lock body and nylon shackle combined perfectly, with better non-conductive, anti-magnetism, explosion-proof quality.
- Nylon shackle is non-conductive, especially suitable for chemical industry, military, mining, power and flammable and explosive areas.
- Lock body dimensions: Length 45mm, Width 40mm, Thickness 19mm; Shackle Diameter 6mm, Shackle Height 38mm.
- All fittings of padlock are explosion-proof, anti-magnetism, insulation, corrosion-resistant.
- Include 2 sets lock body warning labels, can write owner's information.
- 16 colors ABS lock body, convenient to choose.

Model	Description	Shackle Material
BD-8531	Keyed to differ, key-retaining	Nylon
BD-8532	Keyed alike, key-retaining	
BD-8533	Master&alike, key-retaining	
BD-8534	Master&differ, key-retaining	



## Spark-proof Aluminum Safety Padlock

- ABS lock body is resistant impact, UV, corrosion, high and low temperature.
- Spark-proof aluminum shackle, anti-static, anti-magnetism, explosion-proof, corrosion-resistant.
- Lock body dimensions: Length 45mm, Width 40mm, Thickness 19mm; Shackle Diameter 6mm, Shackle Height 38mm.
- Include 2 sets lock body warning labels, can write owner's information.
- 16 colors ABS lock body, convenient to choose.



Model	Description	Shackle Material
BD-8541	Keyed to differ, key-retaining	Spark-proof aluminum
BD-8542	Keyed alike, key-retaining	
BD-8543	Master&alike, key-retaining	
BD-8544	Master&differ, key-retaining	

## Brass Shackle Safety Padlock

- ABS lock body is resistant impact, UV, corrosion, high and low temperature.
- Brass shackle, anti-static, anti-magnetism, explosion-proof, corrosion-resistant.
- Lock body dimensions: Length 45mm, Width 40mm, Thickness 19mm; Shackle Diameter 6mm, Shackle Height 38mm.
- Include 2 sets lock body warning labels, can write owner's information.
- 16 colors ABS lock body, convenient to choose.

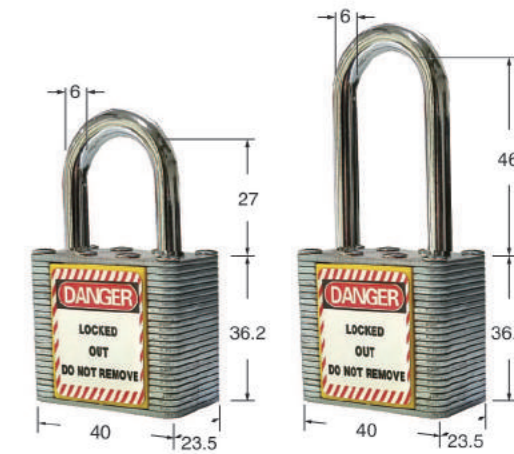
Model	Description	Shackle Material
BD-8551	Keyed to differ, key-retaining	Brass
BD-8552	Keyed alike, key-retaining	
BD-8553	Master&alike, key-retaining	
BD-8554	Master&differ, key-retaining	



## Laminated Steel Safety Padlock

- WELKEN laminated padlock is suitable for using special environment.
- Can stick obvious warning labels on lock body, easy to identify and manage.
- Lock body is made of high resistance steel layer, shackle is high resistance steel with plating layer, hard and durable.
- Lock body dimensions: Length 36.2mm, Width 40mm, Thickness 23.5mm.
- The board on lock body for label, 8 colors to choose, easy to identify.

Model	Description	Shackle Height
BD-8561	Keyed to differ, key-retaining	27mm
BD-8562	Keyed alike, key-retaining	
BD-8565	Keyed to differ, key-retaining	46mm
BD-8566	Keyed alike, key-retaining	



BD-8561

BD-8565

## Long Lock Body Safety Padlock

- ABS lock body is resistant impact, UV, corrosion, high and low temperature.
- Lock body dimensions: Length 80mm, Width 40mm, Thickness 19mm.
- Shackle is high resistance steel with plating layer, hard and beautiful.
- Include 2 sets lock body warning labels, can write owner's information.
- 16 colors ABS lock body, convenient to choose.

Model	Description	Shackle Height
BD-8571	Keyed to differ, key-retaining	38mm
BD-8572	Keyed alike, key-retaining	
BD-8573	Master&alike, key-retaining	
BD-8574	Master&differ, key-retaining	76mm
BD-8575	Keyed to differ, key-retaining	
BD-8576	Keyed alike, key-retaining	
BD-8577	Master&alike, key-retaining	
BD-8578	Master&differ, key-retaining	



BD-8571

BD-8575



### ABS Stainless Steel Shackle Safety Padlock

- ABS lock body is resistant impact, UV, corrosion, high and low temperature.
- Lock body dimensions: Length 45mm, Width 36.5mm, Thickness 16.5mm, shackle diameter 5mm.
- Shackle is made of 316 stainless steel, anti-acid, anti-alkali, anti-corrosion of many types of chemicals.
- Include 2 sets lock body warning labels, can write owner's information.

Model	Description	Shackle Height
BD-8581	Keyed to differ, key-retaining	38mm
BD-8582	Keyed alike, key-retaining	



### ABS Dust-proof Safety Padlock

- ABS lock body is resistant impact, UV, corrosion, high and low temperature.
- Lock body dimensions: Length 45mm, Width 40mm, Thickness 19mm, shackle diameter 6 mm.
- The sealer to block keyhole is PP, soft and durable, good sealing.
- Include 2 sets lock body warning labels, can write owner's information.

Model	Description	Shackle Height
BD-8591	Keyed to differ, key-retaining	38mm
BD-8592	Keyed alike, key-retaining	
BD-8593	Master&alike, key-retaining	
BD-8594	Master&differ, key-retaining	



### PVC Tags

- PVC material, sunscreen ink printing, suitable for outdoor.
- 10 pieces per bag.
- Can customize as per customers' requests.

#### Regular Type



BD-8611 PVC Tags Length:145mm Width: 75mm Thickness:0.8mm Keyhole diameter: 8mm

#### Customize Type



### Safety Signs

- BD-8621 PVC Warning Signs Material: PVC Printing requests: dimensions and content can customize as per requests.
- BD-8622 Sticky Warning Signs Material: Sticky Printing requests: dimensions and content can customize as per requests.

