



2020

AKADA®

ARCHITECTURAL HARDWARE

**AKADA®**  
HIGH QUALITY HARDWARE



[www.akada.com.cn](http://www.akada.com.cn)

**AKADA®**  
HIGH QUALITY HARDWARE



ARCHITECTURAL  
HARDWARE

# COMPANY

honesty, innovation, quality, service  
we can make things better



AKADA welcome you to examine its foremost private and public hardware selections that are carefully manufactured of high quality material in Zinc alloy, stainless steel, aluminum & brass.

At AKADA, we work closely with Architects, Interior designers and Specifiers seeking to introduce different concepts to their clients. We have established a reputation for introducing and developing innovative and unique designs for architectural specifications on projects where there had been a requirement for modern and practical Architectural Hardware.

The 2016 new catalogue is special for a complete range of top quality architectural hardware, including door handles, lock body, cylinders, hinges, door controls and other door accessories.

All of our products are manufactured to carry a 10 year guarantee provided the products have been installed in accordance with the manufactures instructions.

We are sure to be able to meet your OEM/ODM requirements. Our strong R&D team releases new products monthly, and design services are available for your customization needs. If you're looking for a stable supplier of quality hardware, keep us at the top of your sourcing list. Contact us today for more information.

We sincerely hope to make good cooperation with all the customers worldwide for a brilliant future.







\*204598429 2C\*



第 4598429 号

## 商标注册证

# AKADA

### 核定使用商品(第6类)

金属门把手; 球形金属把手; 金属铰链; 门插销; 金属合页; 家具用金属附件; 五金器具; 金属锁(非电); 挂锁; 钥匙(截止)

注册人 陈兴泽 332621731013099

注册地址 浙江省温州市鹿城区上村路51弄5号

注册有效期限 自公元2008年02月14日至2018年02月13日止

局长签发

安青虎



**AKADA** 温州市安凯外贸有限公司  
WENZHOU AKADA FOREIGN TRADE CO., LTD

TO: WHOM IT MAY CONCERN

## CERTIFICATE

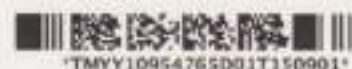
We, WENZHOU AKADA FOREIGN TRADE CO., LTD., hereby certify that all "AKADA" products including Door handles, Mortise lock, Cylinder, Hinges, Panic exit device, Door closer & Accessories supplied by us were produced according to International standard. And we certify these products to be fire rated products. We will give 10 years warranty for above mentioned products.

Best Regards

WENZHOU AKADA FOREIGN TRADE CO., LTD.



地址: 温州经济技术开发区机场大道5465号国大广场203室5楼北向 电话: 0577-28807086 传真: 0577-28807082  
ADD: 5F GUODS PLAZA(EAST), NO.5465 AIRPORT AVENUE, WENZHOU, CHINA TEL: 0577-28807086 FAX: 0577-28807082



第 10954765 号

## 商标注册证

AKADO

注册人 温州市安凯外贸有限公司

注册人地址 浙江省温州市温州经济技术开发区机场大道5465号国大广场203室4楼北向

注册日期 2013年09月14日 有效期至 2023年09月13日

局长 许瑞表 发证机关



**AKADO** 温州市安凯外贸有限公司  
WENZHOU AKADA FOREIGN TRADE CO.,LTD

TO: WHOM IT MAY CONCERN

## CERTIFICATE

We, WENZHOU AKADA FOREIGN TRADE CO., LTD., hereby certify that all "AKADO" products including Door handles, Mortise lock, Cylinder, Hinges, & Accessories supplied by us were produced according to international standard. We will give 5 years warranty for above mentioned products.

Best Regards

WENZHOU AKADA FOREIGN TRADE CO., LTD.



地址: 温州经济技术开发区机场大道5465号国大广场203室5楼北向 电话: 0577-28807086 传真: 0577-28807082  
ADD: 5/F GOODS PLAZA(EAST), NO.5465 AIRPORT AVENUE, WENZHOU, CHINA TEL: 0577-28807086 FAX: 0577-28807082





中经认证

No: 04417Q11823R1S

## QUALITY MANAGEMENT SYSTEM CERTIFICATION

### Certificate

This is to certify the quality management system of  
**WENZHOU AKADA FOREIGN TRADE CO., LTD.**  
CREDIBILITY CODE: 91330302695299474C  
REG.ADD: EAST, ROOM 2001, BUILDING 5, DAZIRANJIYUAN,  
TANGJIAQIAO ROAD, WENZHOU CITY  
AUDIT ADD: EAST, ROOM 2001, BUILDING 5, DAZIRANJIYUAN,  
TANGJIAQIAO ROAD, WENZHOU CITY, ZHEJIANG

is in conformity with  
**GB/T 19001-2016/ISO 9001:2015 standard**

The certificate is valid for the following scope:

**HARDWARE ( LOCKSET, SANITARY FITTINGS, FURNITURE HANDLE ),  
GLASSES AND ACCESSORIES EXPORT TRADE SERVICE**

Issue Date: Aug 8th, 2017

Expiry Date: Aug 8th, 2020



Beijing Zhongjing Quality Certification Co., Ltd. General Manager:

*[Signature]*

Date: Aug 8th, 2017



WeChat



Query

To verify validity of the certificate:  
1. Please scan two-dimensional code on the left  
2. Access the website [www.zjqi.com](http://www.zjqi.com)  
3. Access the website of CNCA [www.cnca.gov.cn](http://www.cnca.gov.cn)  
4. The Certificate is valid ONLY if the organization passes the surveillance audit



中国认可  
国际互认  
管理体系  
MANAGEMENT SYSTEM  
CNAS C044-M

地址: 北京市西城区文兴东街1号国润大厦5层

ASIA QUALITY TRADING EST.  
AKADA TRADING EST.

® مؤسسة آسيا الجودة للتجارة  
فرع مؤسسة أكادا للتجارة

LINEACALI

### شهادة ضمان

نحن مؤسسة أكادا للتجارة بالمملكة العربية السعودية والخليج العربي

ووكلاء شركة أكادا الدولية لتصنيع الأقفال والمقابض وأكسسوارات

الأبواب الخشبية عالية الجودة .

نضمن جميع منتجاتنا 10 سنوات ميلادية من تاريخ البيع ويتضمن

الضمان على الطلاء والمصنعية .

ولا يشمل الضمان سوء الاستخدام وسوء التركيب والكسر .

### مؤسسة أكادا للتجارة



*[Signature]*



المملكة العربية السعودية - الرياض - تليفون المكتب: ٠٠٩٦٦ ١١ ٤٢١٤٠٠ - فاكس: ٠٠٩٦٦ ١١ ٤٢١٤٠٠ - جوال: ٠٠٩٦٦ ٥٦ ٨٩٨ ٨٥٠٠  
Kingdom of Saudi Arabia - Riyadh - Office Tel.: 00966 11 4764440 - Fax: 00966 11 2424704 - Mob.: 00966 56 319 5705 / 00966 56 898 8500  
E-mail: [akada.ksa@hotmail.com](mailto:akada.ksa@hotmail.com) [www.akada.com.cn](http://www.akada.com.cn)



1

**Door handle sets, pull handles**

Door handle sets	
- Zinc alloy	1.1
- Stainless steel	1.6
- Door knob and Escutcheon	1.30
Pull Handles	
- Stainless steel	1.31

2

**Locking systems**

Door Locks		Mortise Locksets	2.40
- For hinged doors	2.5	Cylindrical Lever Sets	2.44
- For sliding doors	2.18	Security Fittings	2.46
Panic exit fitting systems	2.21	Profile Cylinders	2.50
Mechanical Code Locks	2.32	Electric Locks	2.56
Knob Locksets	2.34	Electric Strikes	2.57
Deadbolts	2.36	Door Bolts	2.58

3

**Electronic access control system**

Hotel Locks	3.2
Doorbell System	3.4
Security Box	3.5
Digital Cabinet Lock	3.6

4

**Door hinges**

Butt Hinges	4.4
Spring Hinges and Double Action Spring Hinges	4.10
Butt Hinges - Brass	4.11
Concealed Mortise Hinges	4.12

5

**Door Closers**

Overhead Door Closers	
- With arm	5.2
- With guide rail	5.12
- Accessories for overhead door closers with arm	5.13
Door Co-ordinators	5.14

6

**Seals**

Automatic Door Seals and Rebate Seals	6.1
---------------------------------------	-----

7

**Sliding door fittings**

Door Locks	7.1
Flush Pull Handles	7.3

8

**Sanitary fitting**

Partition Wall System	8.1
-----------------------	-----

9

**Ancillary products for doors and project fittings**

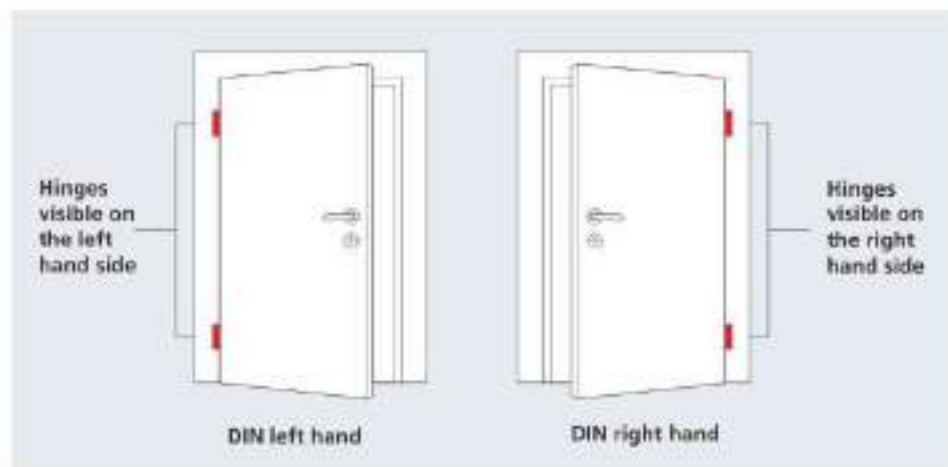
Door Viewers	9.1
House Numbers	9.2
Kicking Plate	9.3
Push Plates	9.4
Symbols	9.6
Floor Mounted Door Stops	9.7
Magnetic Door Holders	9.13
Door Holders	9.15
Roller Catches	9.16

## Door direction- left or right

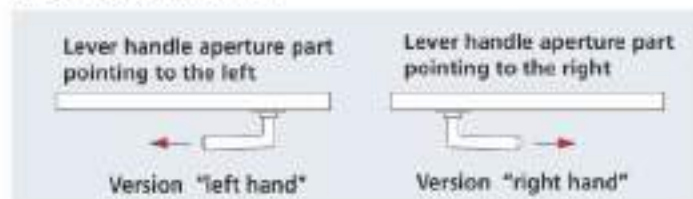
The door direction (left/right) according to DIN 107 is determined as follows:

Visible position of the door hinges on the left: (DIN) left

Visible position of the door hinges on the right: (DIN) right



## Lever handle direction



When selecting alternate sets with asymmetrical handles a distinction to the right/left is required. It is therefore necessary to observe the particular door direction.

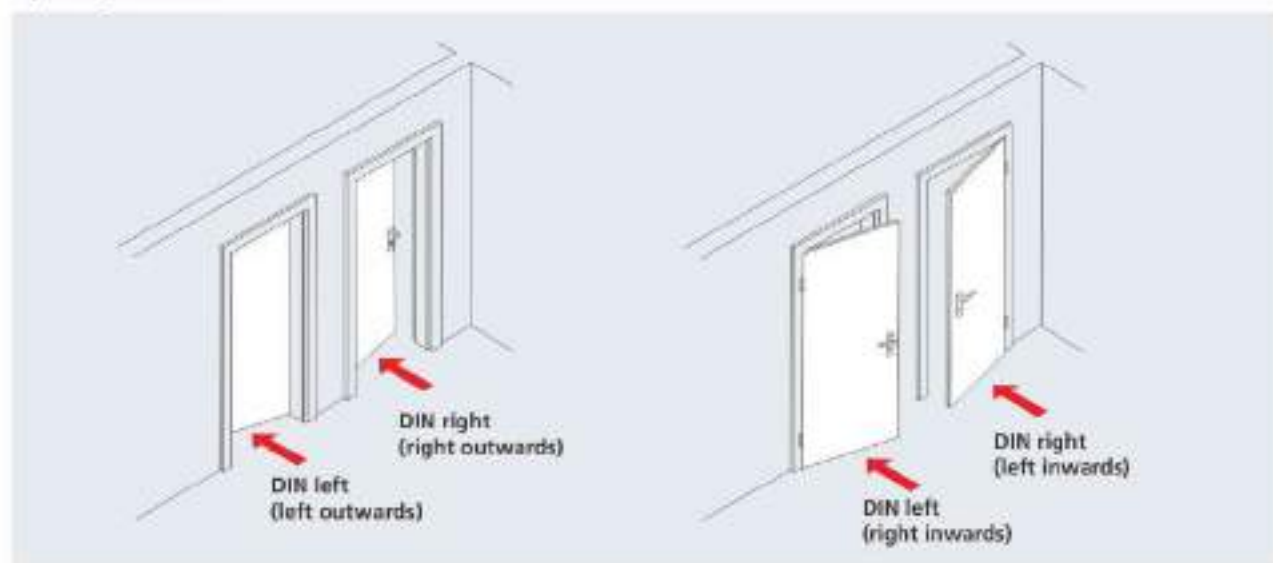
## Examples of asymmetrical lever handles



## Examples of symmetrical lever handles



## Opening direction



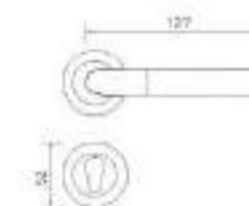
## Door Handle Sets Zinc alloy

**AKADA®**



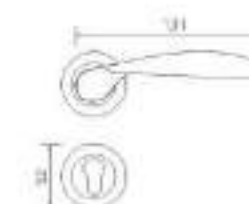
### A-9101 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle 8x16mm  
1 Pair escutcheons



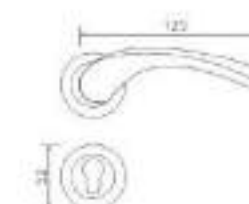
### A-9233 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle 8x16mm  
1 Pair escutcheons



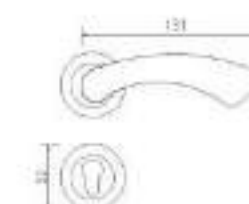
### A-9240 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle 8x16mm  
1 Pair escutcheons



### A-9252 SN/CP

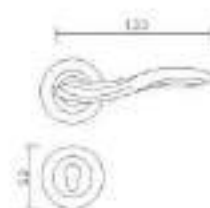
Material: Zinc alloy  
Finish: SN/CP  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle 8x16mm  
1 Pair escutcheons





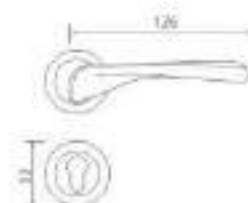
A-9334 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 80mm  
1 Pair escutcheons



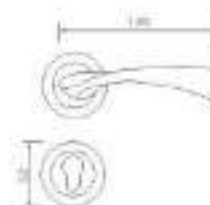
A-9345 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 80mm  
1 Pair escutcheons



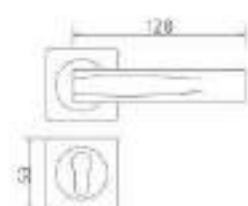
A-9391 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 80mm  
1 Pair escutcheons



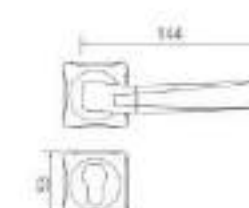
A22-9415 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 80mm  
1 Pair escutcheons



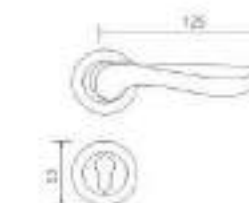
A21-9419 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 80mm  
1 Pair escutcheons



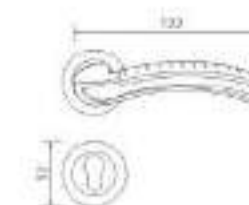
A-9443 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 80mm  
1 Pair escutcheons



A-9611 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 80mm  
1 Pair escutcheons



A60-9512 MSN

Material: Zinc alloy  
Finish: MSN  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 80mm  
1 Pair escutcheons

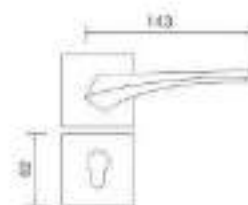






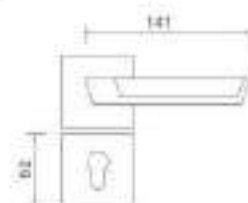
### A44-9128 SN/CP

Material: Zinc alloy  
Finish: SN/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



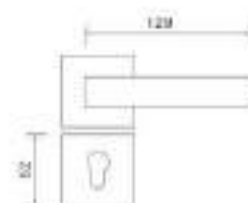
### A44-9508 MSB/CP

Material: Zinc alloy  
Finish: MSB/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



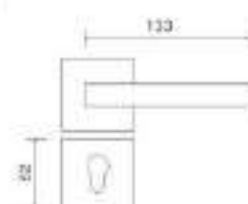
### A44-9518 MSN

Material: Zinc alloy  
Finish: MSN  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



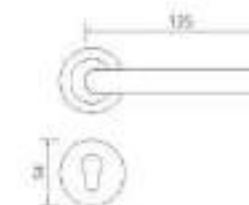
### A44-9565 MSN/CP

Material: Zinc alloy  
Finish: MSN/CP  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



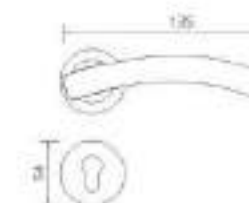
### S-01 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



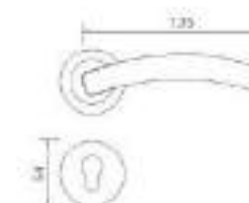
### S-02 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



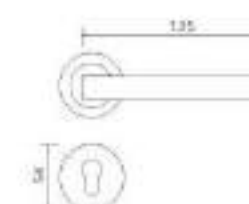
### S-03 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### S-04 SS

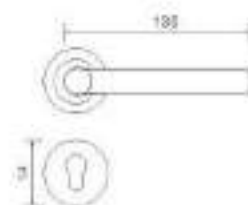
Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons





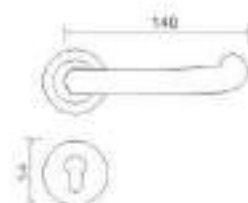
### S-05 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 8x8mm  
1 Pair escutcheons



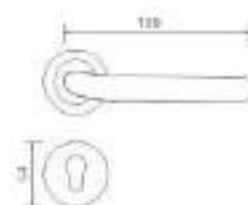
### S-06 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 8x8mm  
1 Pair escutcheons



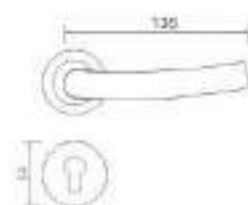
### S-07 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 8x8mm  
1 Pair escutcheons



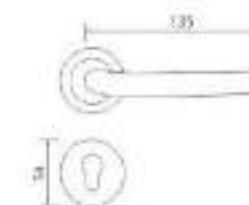
### S-08 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 8x8mm  
1 Pair escutcheons



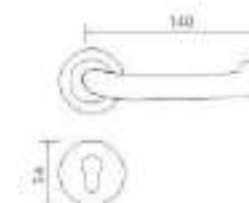
### S-09 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 8x8mm  
1 Pair escutcheons



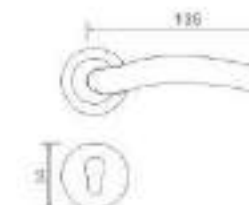
### S-10 SS $\varnothing 19\text{mm}$

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 8x8mm  
1 Pair escutcheons



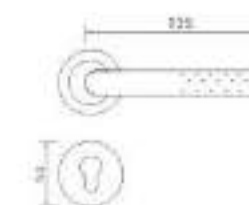
### S-11 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 8x8mm  
1 Pair escutcheons



### S-13 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle 8x8mm  
1 Pair escutcheons

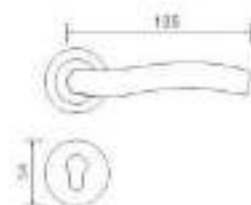






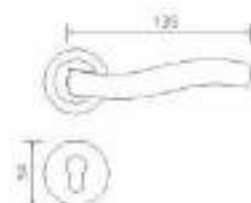
### S-14 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



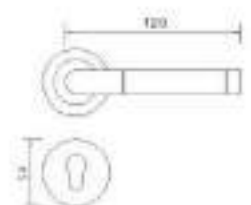
### S-23 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



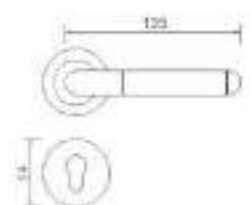
### S-31 SS/PSS

Material: Stainless Steel Grade 304  
Finish: SS/PSS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



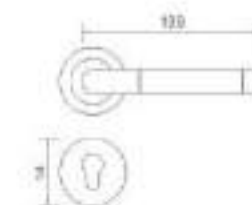
### S-36 SS/PSS

Material: Stainless Steel Grade 304  
Finish: SS/PSS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



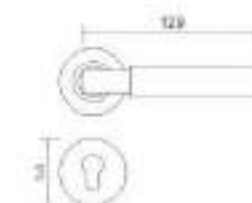
### S-38 SS/PSS

Material: Stainless Steel Grade 304  
Finish: SS/PSS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



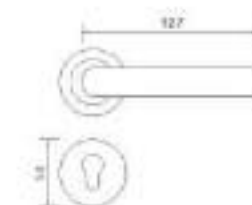
### S-42 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



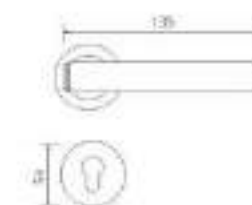
### S-52 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### S-80 SS

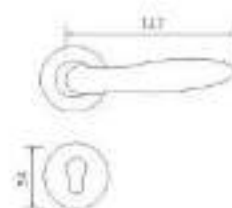
Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons





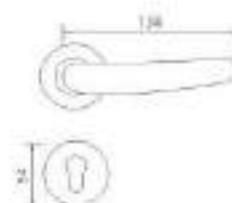
### S-82 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



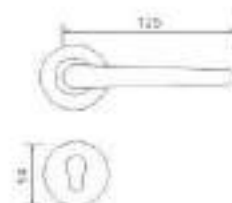
### S-85 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



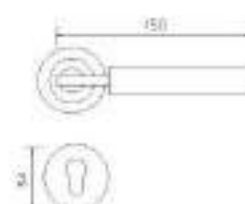
### S-86 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



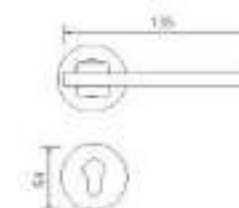
### S-87 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### S-88 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



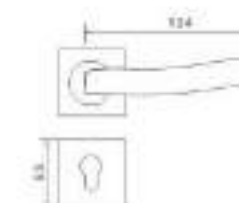
### SF-15 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



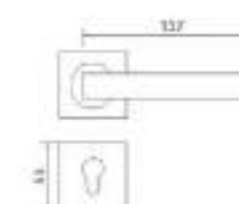
### SF-16 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### SF-17 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons

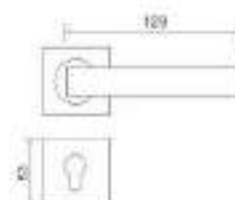






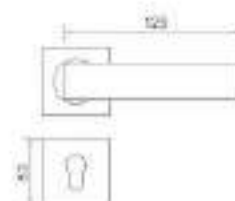
### SF-18 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



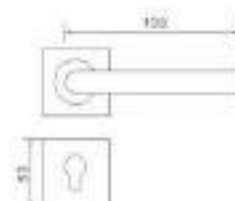
### SF-19 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



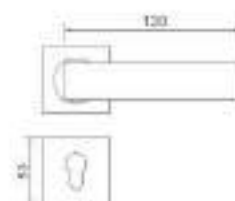
### SF-21 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



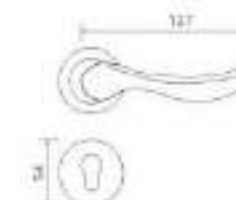
### SF-58 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



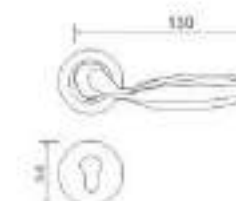
### SA-01 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



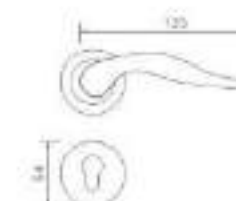
### SA-02 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



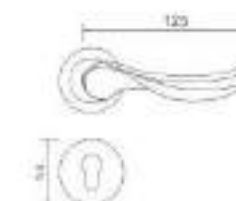
### SA-03 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### SA-06 SS

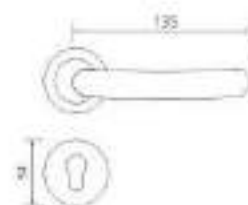
Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons





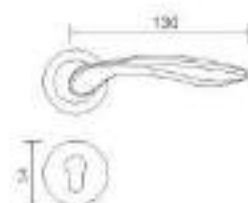
### SA-07 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



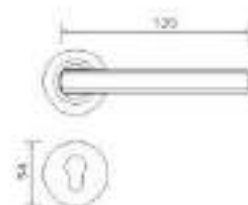
### SA-08 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



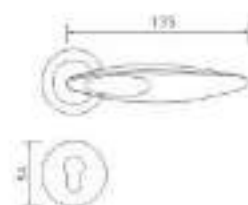
### SA-10 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



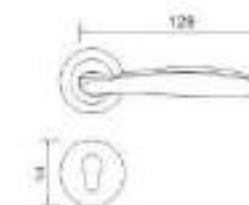
### SA-11 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



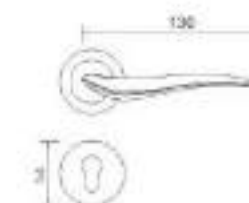
### SA-13 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



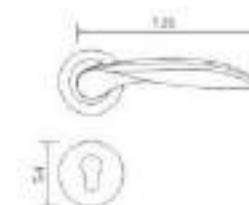
### SA-14 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



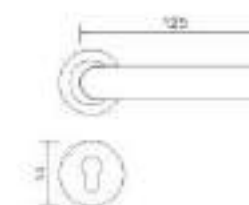
### SA-16 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### SA-17 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons

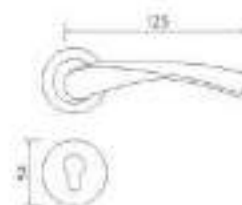






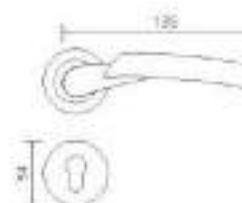
### SA-19 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



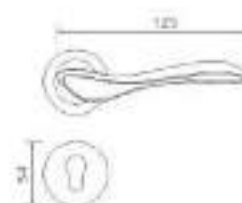
### SA-20 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



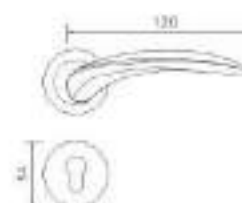
### SA-21 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



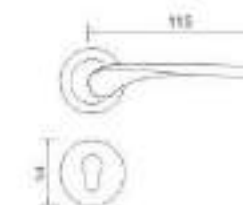
### SA-23 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



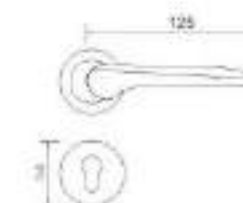
### SA-26 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



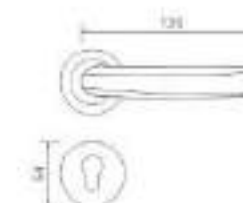
### SA-29 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



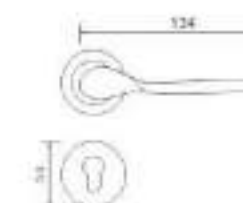
### SA-30 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### SA-31 SS

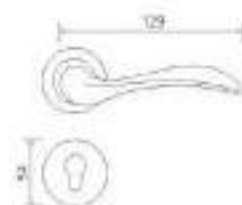
Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with:  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons





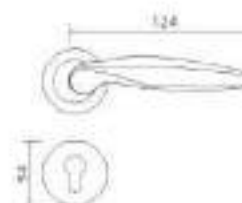
### SA-36 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



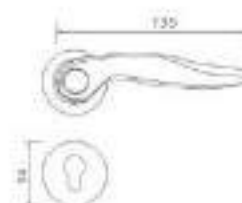
### SA-38 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



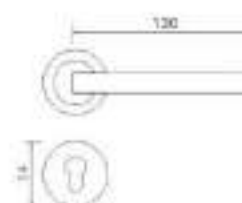
### SA-41 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



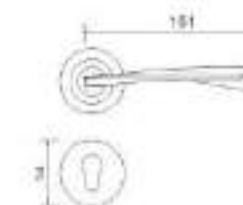
### SA-42 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



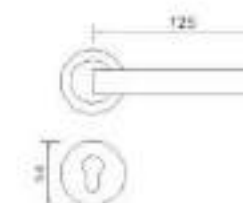
### SA-45 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



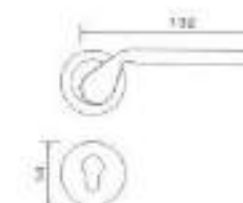
### SA-46 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



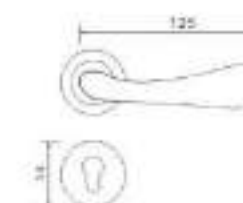
### SA-47 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### SA-50 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons

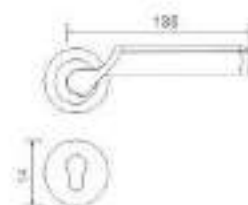






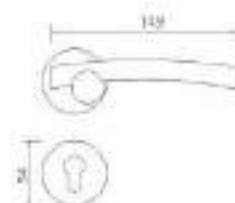
### SA-55 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



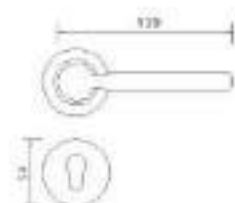
### SA-120 PSS

Material: Stainless Steel Grade 304  
Finish: PSS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



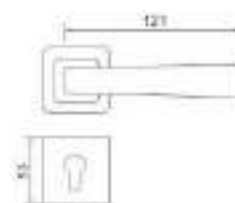
### SA-132 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



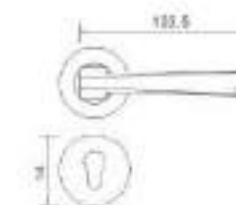
### SA-133 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



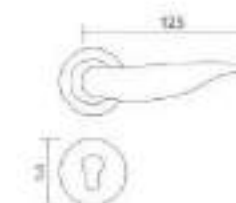
### SA-141 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



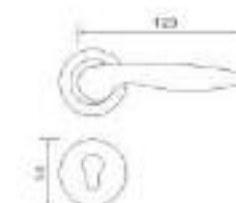
### SA-144 SS/PSS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



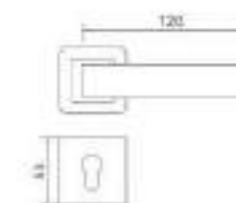
### SA-145 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### SA-149 SS

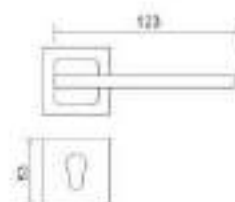
Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons





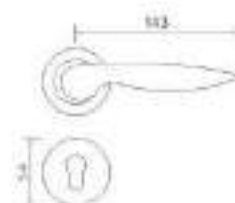
### SA-151 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



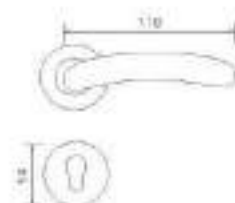
### SA-153 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



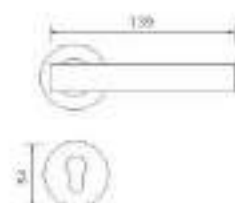
### SA-176 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



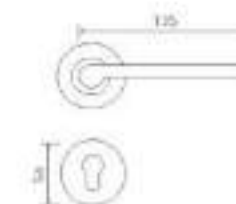
### SA-177 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



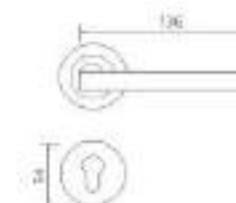
### SA-178 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



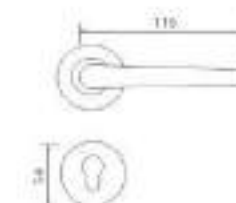
### SA-179 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



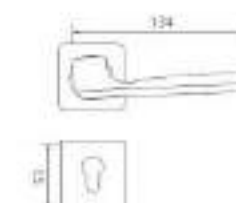
### SA-180 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### SA-181 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons

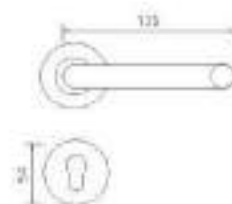






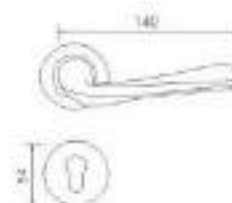
### SA-182 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



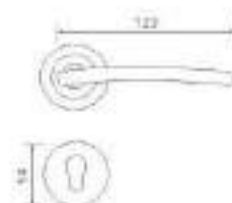
### SA-183 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



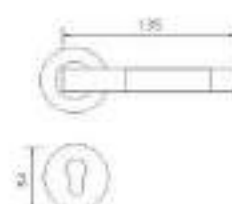
### SA-184 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



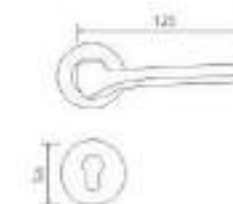
### SA-185 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



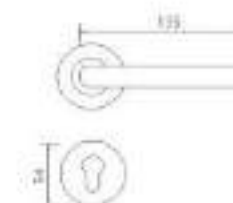
### SA-186 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



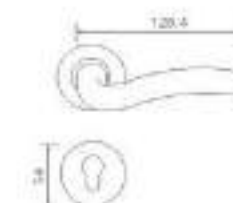
### SA-187 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



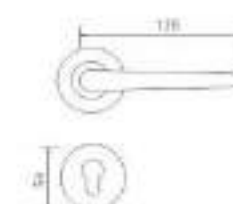
### SA-188 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons



### SA-189 SS

Material: Stainless Steel Grade 304  
Finish: SS  
Supplied with  
1 Pair of lever handles on rose  
1 Spindle Bolts  
1 Pair escutcheons

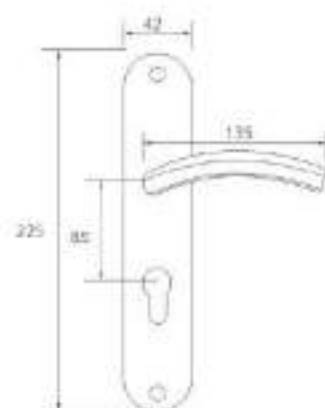




22H03 SS

- Material: Stainless Steel Grade 304
- Finish: SS

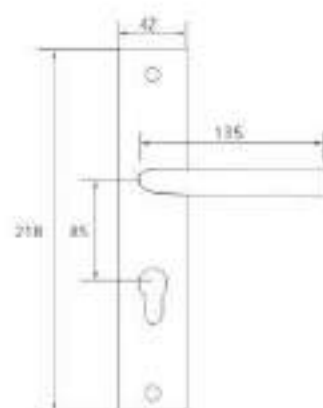
Supplied with  
1 Pair plate handle  
1 Spindle 8x8mm



23H09 SS

- Material: Stainless Steel Grade 304
- Finish: SS

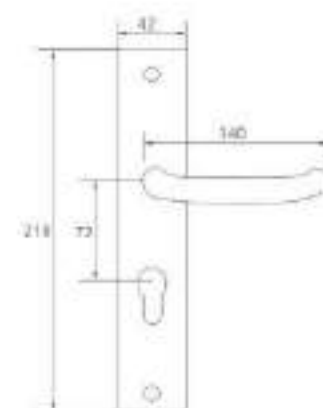
Supplied with  
1 Pair plate handle  
1 Spindle 8x8mm



23H10 SS

- Material: Stainless Steel Grade 304
- Finish: SS

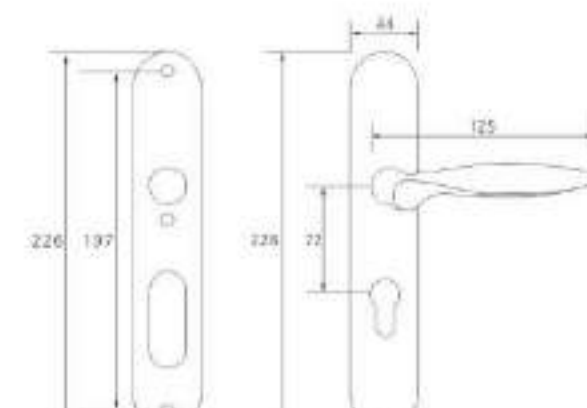
Supplied with  
1 Pair plate handle  
1 Spindle 8x8mm



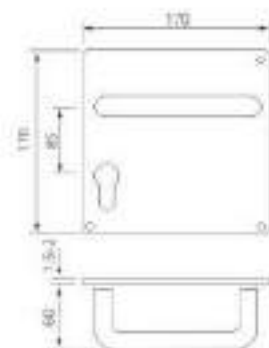
22H38 SS

- Material: Stainless Steel Grade 304
- Finish: SS

Supplied with  
1 Pair plate handle  
1 Spindle 8x8mm



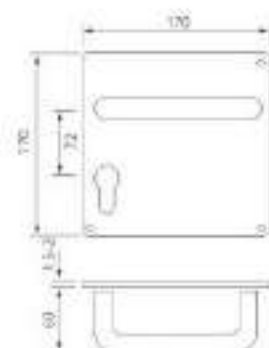




SB-100C-85 SS

- Material: Stainless Steel Grade 304
- Finish: SS

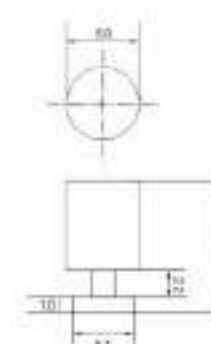
Supplied with  
1 Pair plate handle  
1 Spindle 8x8mm



SB-100C-72 SS

- Material: Stainless Steel Grade 304
- Finish: SS

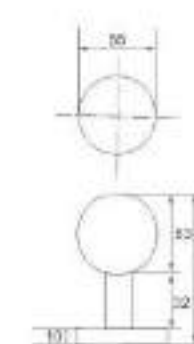
Supplied with  
1 Pair plate handle  
1 Spindle 8x8mm



SE100 SS

- Material: Stainless Steel Grade 304
- Finish: SS

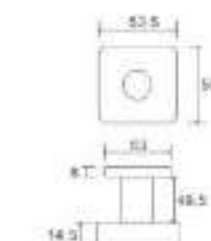
Supplied with  
1 Pair / pcs knob handles  
1 Spindle 8x8mm



SE101 SS

- Material: Stainless Steel Grade 304
- Finish: SS

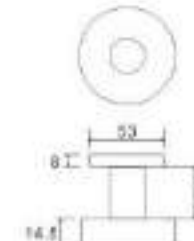
Supplied with  
1 Pair / pcs knob handles  
1 Spindle 8x8mm



SE102 SS

- Material: Stainless Steel Grade 304
- Finish: SS

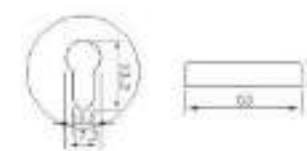
Supplied with  
1 Pair / pcs knob handles  
1 Spindle 8x8mm



SE103 SS

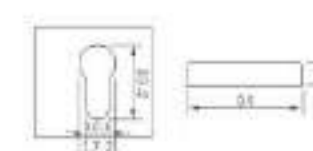
- Material: Stainless Steel Grade 304
- Finish: SS

Supplied with  
1 Pair / pcs knob handles  
1 Spindle 8x8mm



SN-01 SS

- Material: Stainless Steel Grade 304
- Finish: SS



SN-04 SS

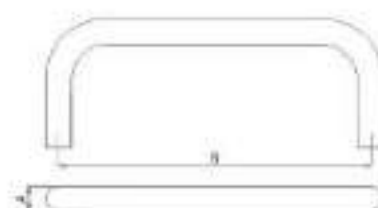
- Material: Stainless Steel Grade 304
- Finish: SS



### SC-101 SS

- Material: Stainless Steel Grade 201/304
- Finish: SS

Art.No	Ø	C	L	H
SC-101/150	19/22	150	156	62
SC-101/250	19/22	250	246	62
SC-101/300	19/22	300	296	62



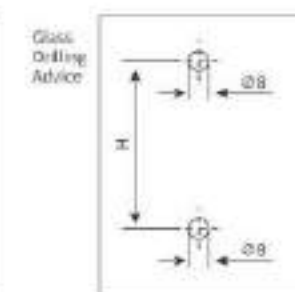
### SC-104 SS

- Material: Stainless Steel Grade 201/304
- Finish: SS

Art.No	A	B
SC-104	16	225
SC-104	16	300
SC-104	19	150
SC-104	19	225
SC-104	19	300
SC-104	19	400
SC-104	22	225
SC-104	22	300
SC-104	22	400
SC-104	25	300
SC-104	25	450
SC-104	25	600
SC-104	32	300
SC-104	32	450
SC-104	32	600
SC-104	32	900



Double-side push/pull door handle for installation onto glass wooden&iron doors and glass swing doors. Modern design with a handle tube width of 30mm manufactured from 304 stainless steel with satin finish. Available in a range of lengths from 540mm to 2140mm. Screw to screw from 400mm to 2000mm.



Finishes :



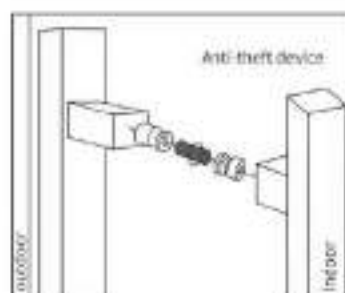
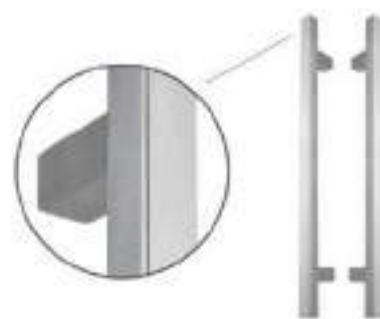
### SC-103 SS

- Material: Stainless Steel Grade 201/304
- Finish: SS
- Usage : Glass Wooden & Iron doors
- Suitable for glass thickness of 8-12mm

Art.No	Ø	C	L	H
SC-103/30/400	30	400	540	45
SC-103/30/500	30	500	640	45
SC-103/30/600	30	600	740	45
SC-103/30/800	30	800	940	45
SC-103/30/900	30	900	1040	45
SC-103/30/1100	30	1100	1240	45
SC-103/30/1600	30	1600	1740	45
SC-103/30/1800	30	1800	1940	45
SC-103/30/2000	30	2000	2140	45



Double-side push/pull door handle for installation onto glass wooden&iron doors and glass swing doors. Modern design with a handle tube width of 30mm manufactured from 304 stainless steel with satin finish. Available in a range of lengths from 540mm to 2140mm. Screw to screw from 400mm to 2000mm.



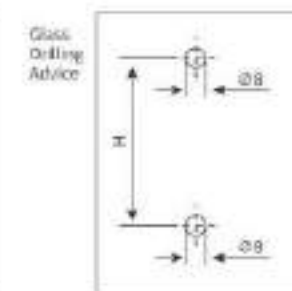
### SC-105 SS



- Material: Stainless Steel Grade 201/304
- Finish: SS
- Usage : Glass Wooden & Iron doors
- Suitable for glass thickness of 8-12mm

Art.No	W	C	L	H
SC-105/25/400	25	400	540	45
SC-105/25/500	25	500	640	45
SC-105/25/600	25	600	740	45
SC-105/25/800	25	800	940	45
SC-105/25/900	25	900	1040	45
SC-105/25/1100	25	1100	1240	45
SC-105/25/1600	25	1600	1740	45
SC-105/25/1800	25	1800	1940	45
SC-105/25/2000	25	2000	2140	45

Double-side push/pull door handle for installation onto glass wooden&iron doors and glass swing doors. Modern design with a handle tube width of 30mm manufactured from 304 stainless steel with satin finish. Available in a range of lengths from 540mm to 2140mm. Screw to screw from 400mm to 2000mm.



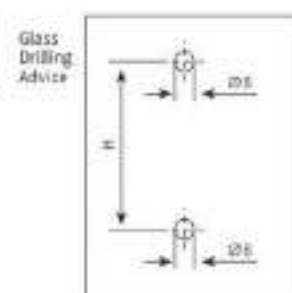
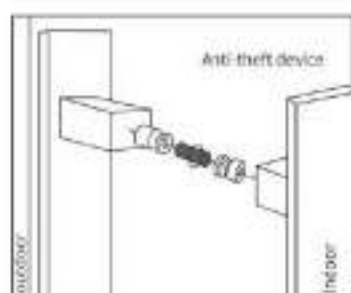
### SC-107 SS



- Material: Stainless Steel Grade 201/304
- Finish: SS
- Usage : Glass Wooden & Iron doors
- Suitable for glass thickness of 8-12mm

Art.No	Ø	C	L	H
SC-107/32/400	32	400	540	97
SC-107/32/500	32	500	640	97
SC-107/32/600	32	600	740	97
SC-107/32/800	32	800	940	97
SC-107/32/900	32	900	1040	97
SC-107/32/1100	32	1100	1240	97
SC-107/32/1600	32	1600	1740	97
SC-107/32/1800	32	1800	1940	97
SC-107/32/2000	32	2000	2140	97

Double-side push/pull door handle for installation onto glass wooden&iron doors and glass swing doors. Modern design with a handle tube width of 30mm manufactured from 304 stainless steel with satin finish.  
Available in a range of lengths from 540mm to 2140mm.  
Screw to screw from 400mm to 2000mm.



### SC-108 SS

Finishes :



- Material: Stainless Steel Grade 201/304
- Finish: SS
- Usage : Glass Wooden & Iron doors
- Suitable for glass thickness of 8-12mm

Art.No	W	T	C	L	H
SC-108/40/10/400	40	10	400	540	42
SC-108/40/10/500	40	10	500	640	42
SC-108/40/10/600	40	10	600	740	42
SC-108/40/10/800	40	10	800	940	42
SC-108/40/10/900	40	10	900	1040	42
SC-108/40/10/1100	40	10	1100	1240	42
SC-108/40/10/1600	40	10	1600	1740	42
SC-108/40/10/1800	40	10	1800	1940	42
SC-108/40/10/2000	40	10	2000	2140	42



AKADA®  
LOCKING SYSTEMS



## EC CERTIFICATE OF CONFORMITY

Number: 1121 - CPD – AG5046

In compliance with Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it is confirmed that the following products are subject to factory production control procedures and are submitted by the manufacturer to further testing of samples taken at the factory in accordance with a prescribed test plan. The stated Notified Certification Body has performed the initial type-testing for the relevant characteristics of the product, has conducted the initial inspection of the factory and the factory production control, and is responsible for the continuous surveillance, assessment and approval of the factory production control.

construction product: **Mortice Sashlocks A72Z-40, A72Z-45, A72Z-50, A72Z-55, A72Z-60, A72Z-65, A72Z-70 & A72Z-80**

placed on the market by:  
 Company: **WENZHOU AKADA FOREIGN TRADE CO.; LTD.**  
 Address: **13/F, NO.2 Longfang Road, Longfang Industrial Zone, Wenzhou, 325000, China**

product classification: 

3	X	8	1*	0	G	3	B	C	2	0
---	---	---	----	---	---	---	---	---	---	---

intended use: **For use on fire / smoke compartmentation doors**

particular conditions applicable: **Available with square or radius forends in SSS, PB, AB, AC & PVD finishes**

This document certifies that all the provisions concerning the attestation of conformity and product performance described in Annex ZA of the product standard

**EN 12209:2003**

were applied and that the product fulfils all the prescribed requirements.

Notified Certification Body: **Warrington Certification Ltd** EC Reference Number: **1121**

On the basis of this certificate, the manufacturer declares that the product that is placed on to the market will bear the mark illustrated below indicating its conformity with all the relevant conditions related to its supply under this certification.

This certificate was first issued on **03/04/13** and remains valid as long as the conditions laid down in the harmonised technical specification above, or the product design, or the manufacturing conditions in the factory, or the FPC itself are not modified significantly.




Manager – Warrington Certification Ltd.

### References:

Mechanical test evidence: WIL 323441 & 322574  
 Factory references: J1024

Fire test evidence: WF No. 324016  
 Classification report: N/A

\* The referenced reports detail the precise field of application for fire/smoke door use

## EC CERTIFICATE OF CONFORMITY

Number: 1121 - CPD – AG5047

In compliance with Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it is confirmed that the following products are subject to factory production control procedures and are submitted by the manufacturer to further testing of samples taken at the factory in accordance with a prescribed test plan. The stated Notified Certification Body has performed the initial type-testing for the relevant characteristics of the product, has conducted the initial inspection of the factory and the factory production control, and is responsible for the continuous surveillance, assessment and approval of the factory production control.

construction product: **Mortice Latches A55ZL, A72ZL-40, A72ZL-45, A72ZL-50, A72ZL-55, A72ZL-60, A72ZL-65, A72ZL-70 & A72ZL-80**

placed on the market by:  
 Company: **WENZHOU AKADA FOREIGN TRADE CO.; LTD.**  
 Address: **13/F, NO.2 Longfang Road, Longfang Industrial Zone, Wenzhou, 325000, China**

product classification: 

3	X	8	1*	0	G	-	B	0	2	0
---	---	---	----	---	---	---	---	---	---	---

intended use: **For use on fire / smoke compartmentation doors**

particular conditions applicable: **Available with square or radius forends in SSS, PB, AB, AC & PVD finishes**

This document certifies that all the provisions concerning the attestation of conformity and product performance described in Annex ZA of the product standard

**EN 12209:2003**

were applied and that the product fulfils all the prescribed requirements.

Notified Certification Body: **Warrington Certification Ltd** EC Reference Number: **1121**

On the basis of this certificate, the manufacturer declares that the product that is placed on to the market will bear the mark illustrated below indicating its conformity with all the relevant conditions related to its supply under this certification.

This certificate was first issued on **03/04/13** and remains valid as long as the conditions laid down in the harmonised technical specification above, or the product design, or the manufacturing conditions in the factory, or the FPC itself are not modified significantly.




Manager – Warrington Certification Ltd.

### References:

Mechanical test evidence: WIL 323442 & 322574  
 Factory references: J1024

Fire test evidence: WF No. 324016  
 Classification report: N/A

\* The referenced reports detail the precise field of application for fire/smoke door use



## EC CERTIFICATE OF CONFORMITY

Number: 1121 - CPD - AG5048

In compliance with Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it is confirmed that the following products are subject to factory production control procedures and are submitted by the manufacturer to further testing of samples taken at the factory in accordance with a prescribed test plan. The stated Notified Certification Body has performed the initial type-testing for the relevant characteristics of the product, has conducted the initial inspection of the factory and the factory production control, and is responsible for the continuous surveillance, assessment and approval of the factory production control.

construction product: **Mortice Deadlocks A55ZD, A72ZD-40, A72ZD-45, A72ZD-50, A72ZD-55, A72ZD-60, A72ZD-65, A72ZD-70 & A72ZD-80**

placed on the market by:  
 Company: **WENZHOU AKADA FOREIGN TRADE CO; LTD.**  
 Address: **13/F, NO.2 Longfang Road, Longfang Industrial Zone, Wenzhou, 325000, China**

product classification: 

3	X	8	1*	0	G	3	B	C	0	0
---	---	---	----	---	---	---	---	---	---	---

intended use: **For use on fire / smoke compartmentation doors**

particular conditions applicable: **Available with square or radius forends in SSS, PB, AB, AC & PVD finishes**

This document certifies that all the provisions concerning the attestation of conformity and product performance described in Annex ZA of the product standard

**EN 12209:2003**

were applied and that the product fulfils all the prescribed requirements.

Notified Certification Body: **Warrington Certification Ltd** EC Reference Number: **1121**

On the basis of this certificate, the manufacturer declares that the product that is placed on to the market will bear the mark illustrated below indicating its conformity with all the relevant conditions related to its supply under this certification.

This certificate was first issued on **03/04/13** and remains valid as long as the conditions laid down in the harmonised technical specification above, or the product design, or the manufacturing conditions in the factory, or the FPC itself are not modified significantly.




Manager - Warrington Certification Ltd.

### References:

Mechanical test evidence: WIL 323443 & 322574  
 Factory references: J/024

Fire test evidence: WF No. 324015  
 Classification report: N/A

\* The referenced reports detail the precise field of application for fire/smoke door use

## Door Locks For hinged doors

**AKADA**


ART.NO:	FINISH:
7203-55	SS
7203-60	SS
7203-65	SS
7203-70	SS
7203-80	SS
7203-100	SS

### Features

According to EN12209-Grade 3, DIN 18251-1  
 For wooden & metal doors  
 For single-leaf doors  
 Optional for rebated or non-rebated doors  
 Suitable for external fire and smoke doors  
 Prepared for profile cylinders  
 With key action  
 Stainless steel or brass latch bolt  
 Deadbolt 2 turns

### Technical data

Follower: 7.8, 6mm  
 Distance: 72mm  
 Backset: 55, 60, 65, 70, 80, 100mm

### Forend

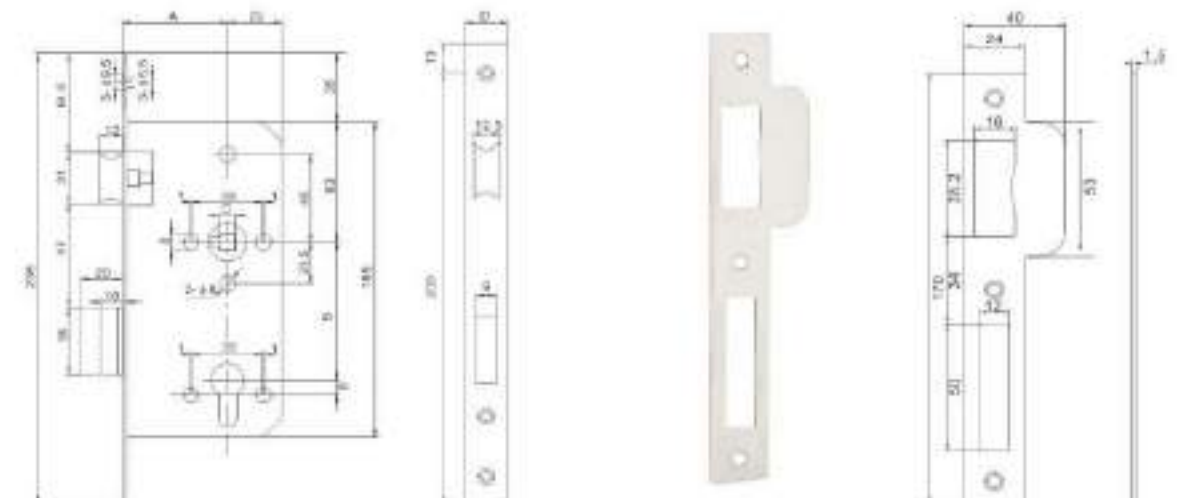
Type: Square head  
 Thickness: 2mm  
 Width: 20, 22, 28, 24mm

### Forend finish

Steel: SN, CP, AB, AC, COF, PVD, SS, GP

### Accessories

Striking plate  
 Lock and striking plate fixing screws







ART.NO:	FINISH:
8542-40	SS
8542-45	SS
8542-50	SS
8542-60	SS
8542-70	SS
8542-80	SS

#### Features

According to EN12220-Grade 3  
For wooden & metal doors  
For single-leaf doors  
Suitable for external fire and smoke doors  
Prepared for profile cylinders  
With key action  
Deadbolt 2-tubes

#### Technical data

Follower	4,6mm
Distance	85mm
Backset	40,45,50,60,70,80mm

#### Forend

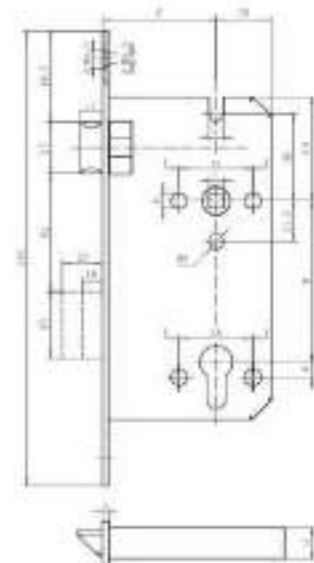
Type	round head, square head
Thickness	3mm
Width	20,22,23,24mm

#### Forend finish

Stainless steel	SS, PS3
Vacuum metallizing	sat in brass PVD AB AC

#### Accessories

Striking plate  
Lock and striking plate fixing screws



A - Backset  
B - Distance  
C - Follower  
D - Bolt



ART.NO:	FINISH:
7204-55	SS
7204-60	SS
7204-70	SS
7204-80	SS

#### Features

According to EN12220-Grade 3, DIN 18251-1  
For wooden & metal doors  
For single-leaf doors  
Optional for rebated or non-rebated doors  
Night lock with trigeminal latch  
Prepared for profile cylinders

#### Technical data

Follower	7,8,9mm
Distance	72mm
Backset	55,60,70,80mm

#### Forend

Type	round head, square head
Thickness	3mm
Width	20,22,23,24mm

#### Forend finish

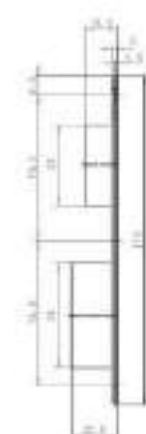
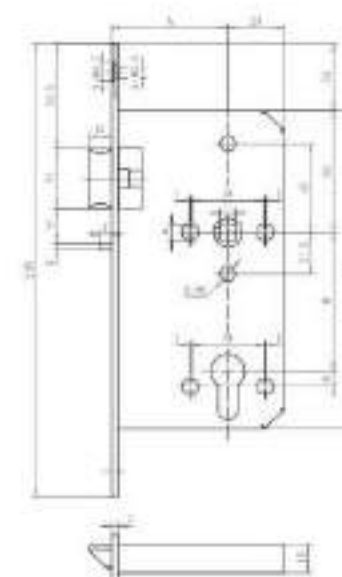
Steel: SN, CP, AS, AC, COF, PVD, SS, SP

#### Accessories

Striking plate  
Pocket  
Lock and striking plate fixing screws



Nightlatch Lock



A - Backset  
B - Distance  
C - Follower  
D - Bolt



Classroom Lock

ART.NO:	FINISH:
7205-55	SS
7205-60	SS
7205-80	SS

#### Features

According to EN12209-Grade 3, DIN 18251-1  
For wooden & metal doors  
For single-leaf doors  
Optional for rebated or non-rebated doors  
Suitable for doors where single action of escape is required  
The door will be re-locked automatically when its closed and the security will be ensured

#### Technical data

Follower 7,8,9mm  
Distance 72mm  
Backset 55,60,60mm

#### Forend

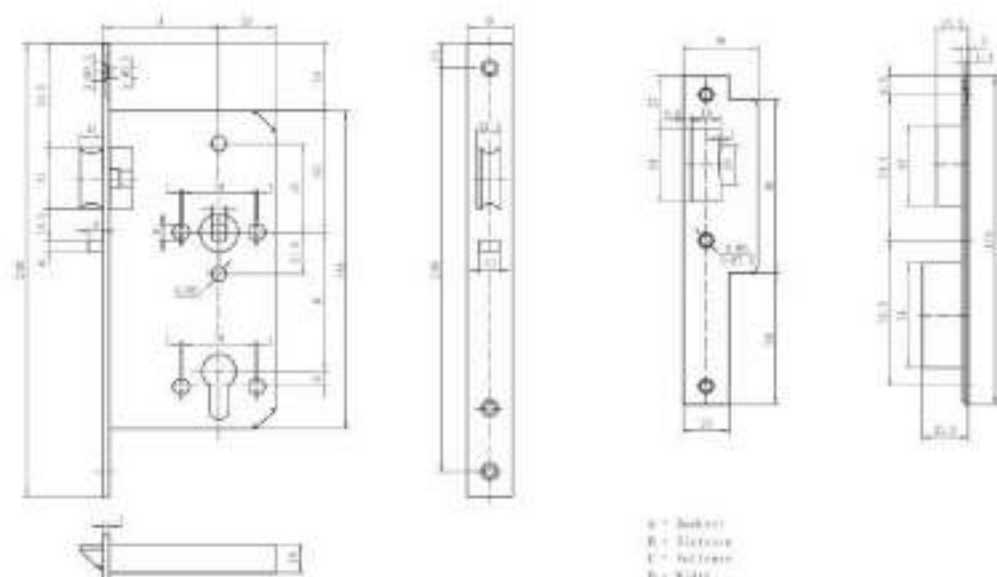
Type round head, square head  
Thickness 3mm  
Width 20,22,23,24mm

#### Forend finish

Steel: SN, CP, AS, AC, COP, PVD, SS, GP

#### Accessories

Striking plate  
Pocket  
Lock and striking plate fixing screws



A = Backset  
B = Distance  
C = Follow-on  
D = Width



Escape Function Lock

ART.NO:	FINISH:
7206-55	SS
7206-60	SS

#### Features

According to EN12209-Grade 3, DIN 18251-1  
For wooden & metal doors  
For single-leaf doors  
Optional for rebated or non-rebated doors  
Suitable for external fire and smoke doors  
Prepared for profile cylinders  
With key action  
Deadbolt 1-turn

#### Technical data

Follower 8mm  
Distance 72mm  
Backset 55,60mm

#### Forend

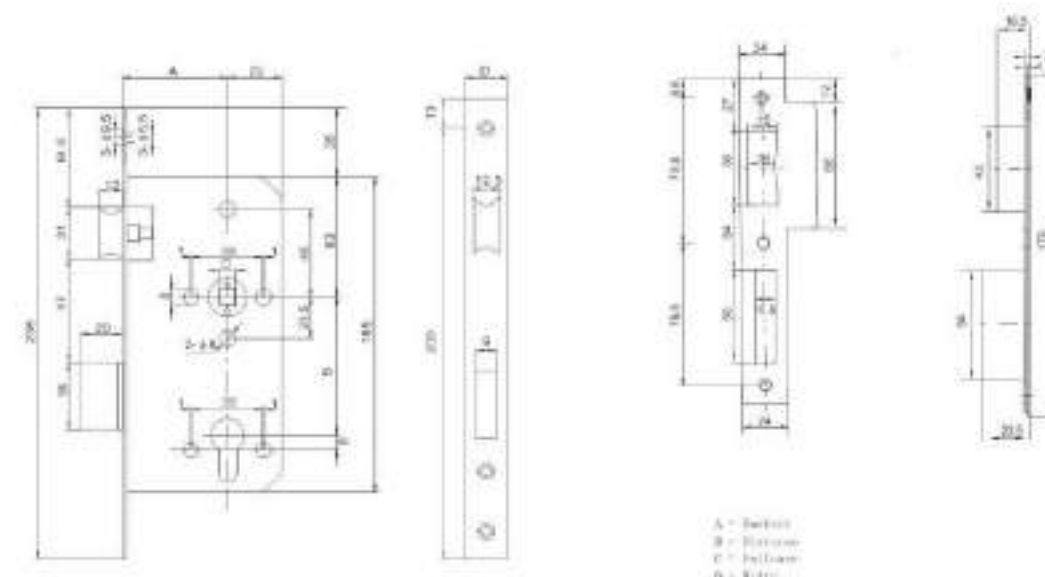
Type round head, square head  
Thickness 3mm  
Width 20,22,23,24mm

#### Forend finish

Steel: SN, CP, AS, AC, COP, PVD, SS, GP

#### Accessories

Striking plate  
Lock and striking plate fixing screws



A = Backset  
B = Distance  
C = Follow-on  
D = Width





ART.NO:	FINISH:
8504-40	SN
8504-45	GP
8504-50	PVD
8504-55	MAB
8504-60	SS

#### Features

For wooden & metal doors  
For single-leaf doors  
Prepared for profile cylinders  
With key action  
Stainless steel or brass latch bolt  
Deadbolt 2-turns

#### Technical data

Follow-up	8mm
Distance	85mm
Backset	40, 45, 50, 55, 60mm

#### Forend

Type	Square head
Thickness	2mm
Width	23mm

#### Forend finish

Steel: SN, CP, AB, AC, COF, PVD, SS, GP

#### Accessories

Striking plate  
Pocket  
Lock and striking plate fixing screws



ART.NO:	FINISH:
8500-40	GP
8500-45	SN
8500-50	PVD
8500-55	CP
8500-60	AB
8500-70	AC
8500-80	SS

#### Features

For wooden & metal doors  
For single-leaf doors  
Prepared for profile cylinders  
With key action  
Stainless steel or brass latch bolt  
Deadbolt 2-turns

#### Technical data

Follow-up	8mm
Distance	85mm
Backset	40, 45, 50, 55, 60, 70, 80mm

#### Forend

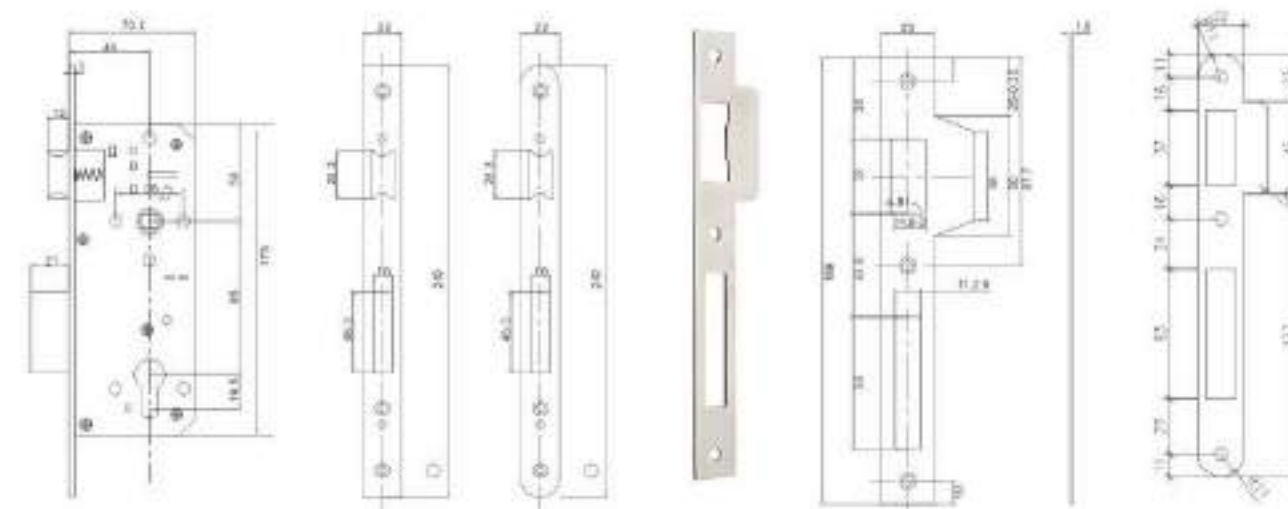
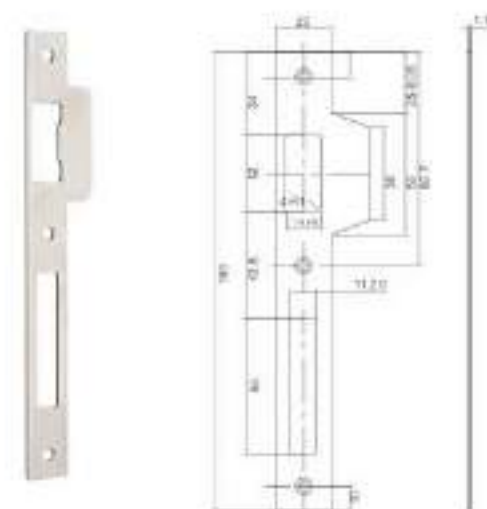
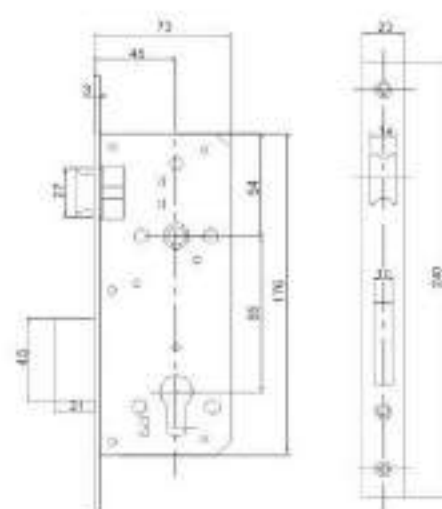
Type	Square head/round head
Thickness	2mm
Width	22mm

#### Forend finish

Steel: SN, CP, AB, AC, COF, PVD, SS, GP

#### Accessories

Striking plate  
Lock and striking plate fixing screws





ART.NO:	FINISH:
8529-20	SS
8529-25	CP
8529-30	GP
8529-35	PVD

#### Features

For wooden & metal doors  
For single-leaf doors  
Prepared for profile cylinders  
With key action  
Stainless steel or brass latch bolt  
Deadbolt 1-tube

#### Technical data

Follow-up	6mm
Distance	85mm
Backset	20, 25, 30, 35mm

#### Forend

Type	Square head
Thickness	3mm
Width	22mm

#### Forend finish

Steel: SN, CP, AB, AC, COF, PVD, SS, GP

#### Accessories

Striking plate  
Lock and striking plate fixing screws



ART.NO:	FINISH:
8501-45	SS
8501-55	GP

#### Features

For wooden & metal doors  
For single-leaf doors  
Prepared for profile cylinders  
With key action  
Stainless steel or brass latch bolt  
Deadbolt 2-tube

#### Technical data

Follow-up	6mm
Distance	85mm
Backset	45, 55mm

#### Forend

Type	Square head
Thickness	3mm
Width	23mm

#### Forend finish

Steel: SN, CP, AB, AC, COF, PVD, SS, GP

#### Accessories

Striking plate  
Lock and striking plate fixing screws







ART.NO:	FINISH:
8506-50	SS
8506-60	GP

#### Features

For wooden & metal doors  
For single-leaf doors  
Prepared for profile cylinders  
With key action  
Stainless steel or brass latch bolt  
Deadbolt 2-turns

#### Technical data

Follower	8mm
Distance	85mm
Backset	50, 60mm

#### Forend

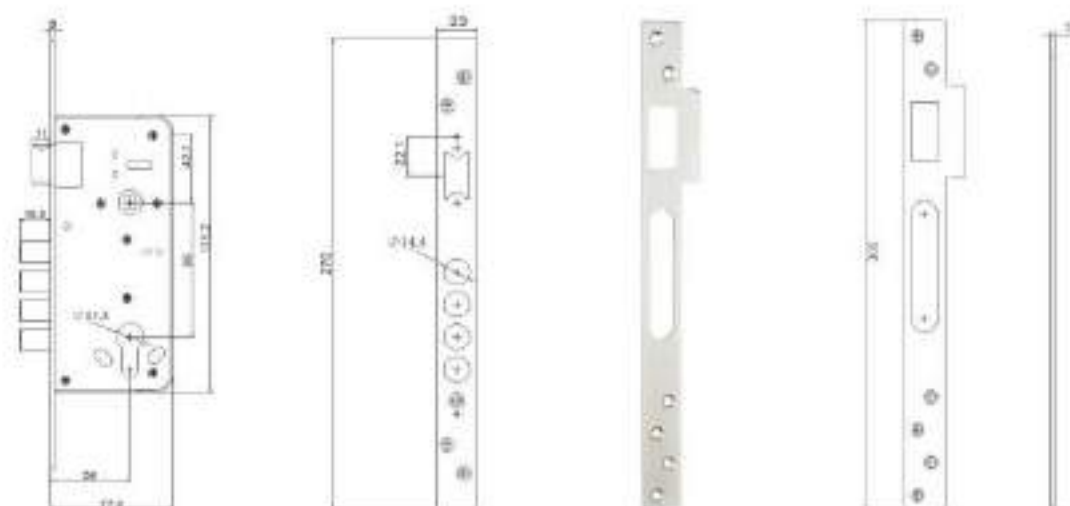
Type	Square head
Thickness	2mm
Width	23mm

#### Forend finish

Steel: SN, CP, AB, AC, COF, PVD, SS, GP

#### Accessories

Striking plate  
Lock and striking plate fixing screws



ART.NO:	FINISH:
8532-40	GP
8532-45	SN

#### Features

For wooden & metal doors  
For single-leaf doors  
Prepared for profile cylinders  
With key action  
Stainless steel or brass latch bolt  
Deadbolt 2-turns

#### Technical data

Follower	8mm
Distance	85mm
Backset	40, 45mm

#### Forend

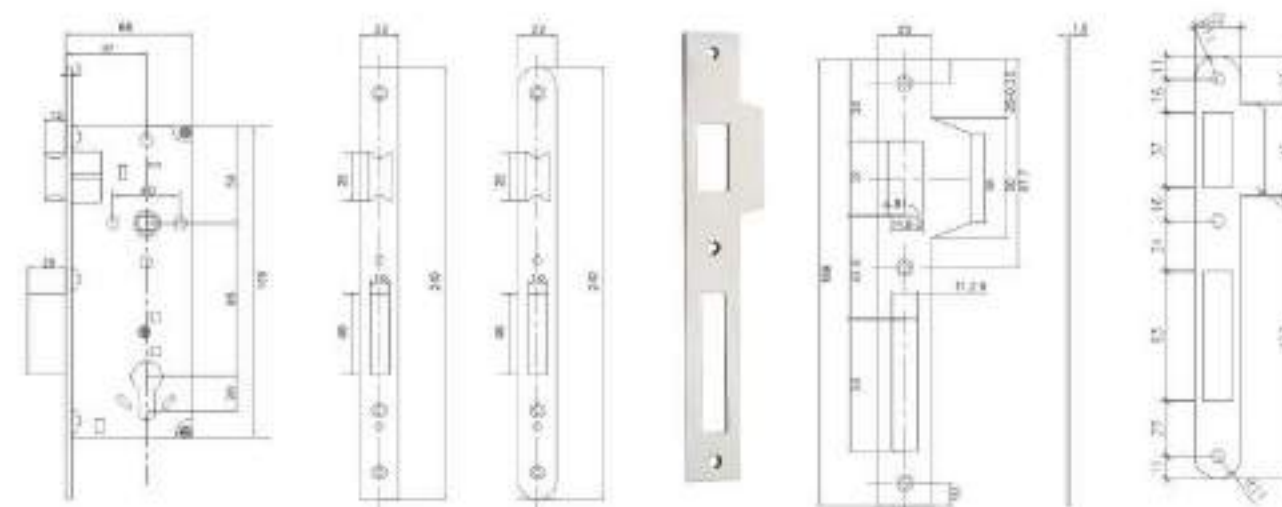
Type	Square head/round head
Thickness	2mm
Width	22mm

#### Forend finish

Steel: SN, CP, AB, AC, COF, PVD, SS, GP

#### Accessories

Striking plate  
Lock and striking plate fixing screws





ART.NO:	FINISH:
7800-55	SS

#### Features

For wooden & metal doors  
For single-leaf doors  
Stainless steel or brass latch bolt  
Deadbolt 1-turn

#### Technical data

Follower	6mm
Distance	78mm
Backset	55mm

#### Forend

Type	Square head
Thickness	3mm
Width	22,23mm

#### Forend finish

Steel: SN, CP, AB, AC, COF, PVD, SS, GP

#### Accessories

Sinking plate  
Lock and sinking plate fixing screws



ART.NO:	FINISH:
8508-55	SS

#### Features

For wooden & metal doors  
For single-leaf doors  
Prepared for profile cylinders  
With key action  
Stainless steel or brass dead bolt  
Deadbolt 2-turns

#### Technical data

Follower	
Distance	
Backset	55mm

#### Forend

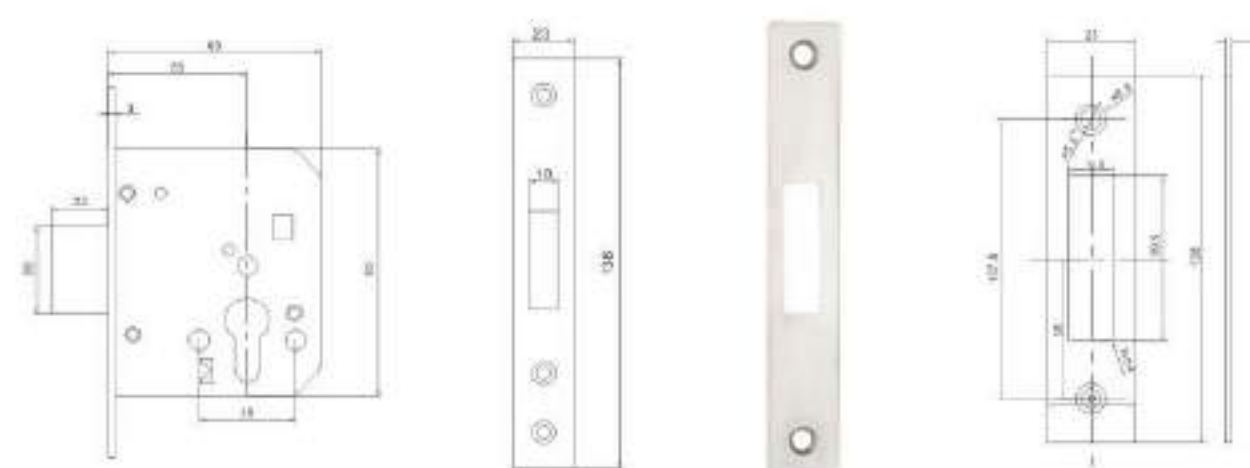
Type	Square head
Thickness	3mm
Width	23mm

#### Forend finish

Steel: SN, CP, AB, AC, COF, PVD, SS, GP

#### Accessories

Sinking plate  
Lock and sinking plate fixing screws







ART.NO:	FINISH:
8540-45	SS
8540-50	SS

<b>Features</b>	
For wooden & metal doors	
For single-leaf doors	
Stainless steel or brass latch bolt	
Deadbolt 1-tube	
<b>Technical data</b>	
Followon	6mm
Distance	85mm
Backset	45/50mm
<b>Forend</b>	
Type	Square head
Thickness	3mm
Width	22/23mm
<b>Forend finish</b>	
Steel: EN, CP, AD, AD, COF, PV0, GQ, GP	
<b>Accessories</b>	
Striking plate	
Lock and striking plate fixing screws	



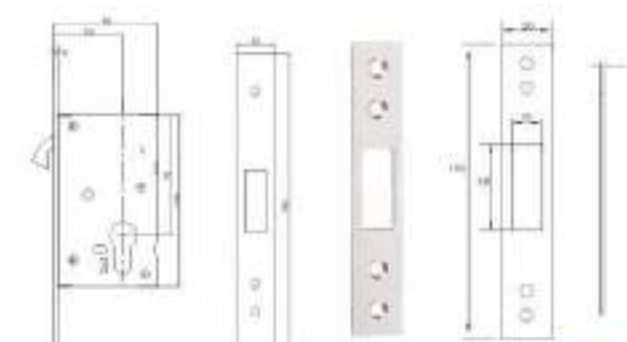
ART.NO:	FINISH:
D58	SS

<b>Features</b>	
For wooden & metal doors	
For single-leaf doors	
Stainless steel or brass dead bolt	
Deadbolt 1-tube	
<b>Technical data</b>	
Followon	6mm
Distance	85mm
Backset	18mm
<b>Forend</b>	
Type	Square head
Thickness	1,2mm
Width	13mm



ART.NO:	FINISH:
HL01-20	SS
HL01-30	SS
HL01-40	SS
HL01-50	SS
HL01-60	SS

<b>Features</b>	
For wooden & metal doors	
For single-leaf doors	
Prepared for profile cylinders	
With key action	
Zinc alloy latch bolt	
Stainless steel or brass head bolt	
Deadbolt 1-tube	
<b>Technical data</b>	
Followon	6mm
Distance	20, 30, 40, 50, 60mm
Backset	20, 30, 40, 50, 60mm
<b>Forend</b>	
Type	Square head
Thickness	3mm
Width	20mm



## CERTIFICATE OF COMPLIANCE

Certificate Number 20180914-R39623  
Report Reference R39623-20180906  
Issue Date 2018-SEPTEMBER-14

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

Model/Product:

Rim type:  
KD-F3200X (a), KD-F3200-1X (a), KD-F3300X (a), KD-F3300X (a)

Surface-mounted, vertical rod type:  
KD-F3200X (a), KD-F3200-1X (a).

(a) where X may be "S" for stainless steel cover or "P" for galvanized steel cover.

## CERTIFICATE OF COMPLIANCE

Certificate Number 20180914-R39623  
Report Reference R39623-20180906  
Issue Date 2018-SEPTEMBER-14

Issued to: WENZHOU AKADA FOREIGN TRADE CO., LTD  
EASTROOM 2001, BUILDING 5, DAZIRANJIAYUAN,  
TANGJIAQIAO ROAD  
WENZHOU, ZHEJIANG CHINA

This is to certify that  
representative samples of Fire-exit Hardware  
See Addendum Page

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

Standard(s) for Safety: ANSI/UL 10C-Positive Pressure Fire Tests of Door  
Assemblies.

Additional information: See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information.

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

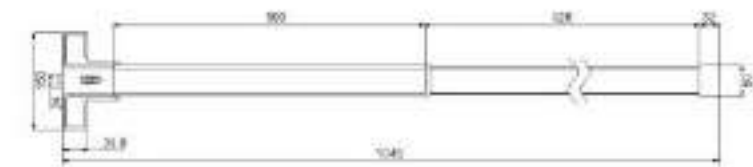
Look for the UL Certification Mark on the product.

## Panic Exit Devices For escape routes and panic areas

AKADA®



ANSI 1



KD-F3000-A

### KD-F3000-A UL Panic Exit Device, Rim Type, single leaf door

Features of the KD-F3000-A Rim Type Half length Panic Exit Device  
Features of the the KD-F3000-A Rim Type Full length Panic Exit Device

- Type: Rim type, Half length or length
- Material: Heavy gauge steel or stainless steel
- Length: 1045MM as a standard, could be customized
- Color: Silver painted or stainless steel as a standard, could be customized
- Accommodates wood and metal doors with thru bolts standard
- Apply to door for fire protection, smoke ventilation.
- Apply to single leaf door
- Could be match with outside access device like cylinder, trim and lever
- Conforming to ANSI/BHMA standard A 156.3 Grade 1.
- Open by handspike inside, and by key outside.
- Endurance test, over 500,000 times still keep good performance.
- Surface mounted for ease of installation.
- Non fire rated devices come standard with hex key dogging.
- Dogging: Thumb turn

#### Accessories







KD-F3160-A SL

KD-F3160-A SS

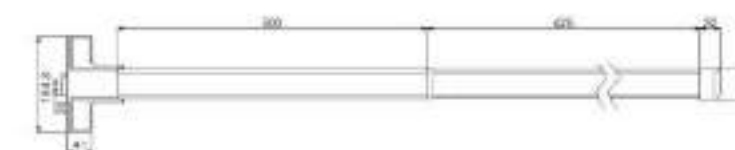
### KD-F3160 UL Panic Exit Device-Double door with two vertical rod type exit devices.

Features of the KD-F3160-A/KD-F3560-A Rim Type Half length Panic Exit Device  
Features of the the KD-F3160-A/KD-F3560-A Rim Type Full length Panic Exit Device

- Type: Rim type, Half length or Full length
- Material: Heavy gauge steel or stainless steel
- Length: 1045MM as a standard, could be customized
- Color: Silver painted or stainless steel as a standard, could be customized
- Accommodates wood and metal doors with thru bolts standard
- Match with outside access device like cylinder, trim and lever
- Automatic top and bottom latches maintaining the bolt drawn in when the door is open
- Conforming to ANSI/BHMA standard A 156.3 Grade 1.
- Endurance test, over 500,000 times still keep good performance.
- Surface mounted for ease of installation.
- DOOR HEIGHT: 2100MM as standard, other door height can be customized
- LATCH: No latch required in panic exit device, 2-point function by vertical rod
- SCREW: Screw bolt, metal screw and wood screw
- Non fire rated devices come standard with hex key dogging.
- Dogging: Allen key



SS



KD-F3200-A SS

### KD-F3200-A Fire Rated Exit Device, Rim Type, single leaf door

Features of the the KD-F3200-A Rim Type Half length Panic Exit Device  
Features of the the KD-F3200-A Rim Type Full length Panic Exit Device

- Type: Rim type, Half length
- Material: Heavy gauge steel or 304 stainless steel
- Length: 1045MM as a standard, could be customized
- Color: Silver painted or stainless steel as a standard, could be customized
- Accommodates wood and metal doors with thru bolts standard
- Match with outside access device like cylinder, trim and lever
- Apply to door for fire protection, smoke ventilation.
- Apply to single leaf door
- Conforming to U.L.10C and ANSI/BHMA A156.3-(2008) Grade 1.
- U.L./U.L.C listed for "Fire exit hardware" labeled for rating up to and including 3 hours.
- Endurance test, over 500,000 times still keep good performance.
- Surface mounted for ease of installation.





2



KD-F4000-A SS

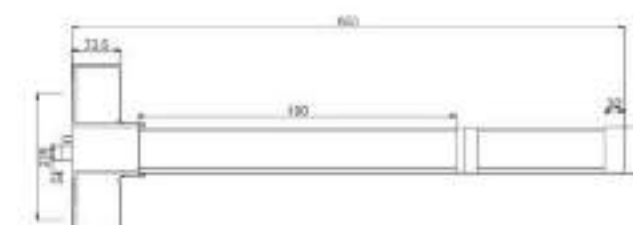
#### KD-F4000-A Fire Rated Exit Device, Rim Type, single leaf door

Features of the the KD-F4000-A Rim Type Half length Panic Exit Device  
Features of the the KD-F4000-A Rim Type Full length Panic Exit Device

- Type: Rim type, Half length or Full length
- Material: Heavy gauge steel or 304 stainless steel
- Length: 1045MM as a standard, could be customized
- Color: Silver painted or stainless steel as a standard, could be customized
- Accommodates wood and metal doors with thru bolts standard
- Match with outside access device like cylinder, trim and lever
- Apply to door for fire protection, smoke ventilation.
- Apply to single leaf door
- Conforming to U.L.10C and ANSI/BHMA A156.3-(2008)Grade 1.
- U.L./U.L.C listed for "Fire exit hardware" labeled for rating up to and including 3 hours.
- Endurance test, over 500,000 times still keep good performance.
- Surface mounted for ease of installation.



2



KD-F5000-A SS

#### KD-F5000-A Fire Rated Exit Device, Rim Type, single leaf door

Features of the the KD-F5000-A Rim Type Half length Panic Exit Device

- Type: Rim type, Half length
- Material: Extruded alum body, 304 stainless steel push plate
- Length: 850MM as a standard, could be customized
- Color: Alum as a standard, could be customized
- Accommodates wood and metal doors with thru bolts standard
- Match with outside access device like cylinder, trim and lever
- Apply to door for fire protection, smoke ventilation.
- Apply to single leaf door, double leaf door
- Conforming to U.L.10C and ANSI/BHMA A156.3-(2008)Grade 1.
- U.L./U.L.C listed for "Fire exit hardware" labeled for rating up to and including 3 hours.
- Endurance test, over 500,000 time still keep good performance.
- Surface mounted for ease of installation.







KD-F6000-A RED/BLACK

### KD-F6000-A Panic Exit Device, Rim Type, single leaf door

#### Features of the KD-F6000-A Rim Type Full length Panic Exit Device

- Type: Rim type, Full length or half length
- Material: Extruded alum body, Heavy steel or 304 stainless steel
- Length: 880MM as a standard, could be customized
- Color: Red/black as a standard, could be customized
- Accommodates wood and metal doors with thru bolts standard
- Match with outside access device like cylinder, trim and lever
- Apply to door for fire protection, smoke ventilation.
- Apply to single leaf door
- Conforming to UL10C and ANSI/BHMA standard A 156.3 Grade 1.
- Endurance test, over 500,000 times still keep good performance.
- Surface mounted for ease of installation.



KD-F7000-A GREEN/BLACK

### Features of the KD-F7000-A Rim Type Full length Panic Exit Device

#### Features of the KD-F7000-A Rim Type Full length Panic Exit Device

- Type: Rim type, Full length or half length
- Material: Heavy steel or 304 stainless steel
- Length: 856MM as a standard, could be customized
- Color: Green/black as a standard, could be customized
- Accommodates wood and metal doors with thru bolts standard
- Match with outside access device like cylinder, trim and lever
- Apply to door for fire protection, smoke ventilation.
- Apply to single leaf door
- Conforming to UL10C and ANSI/BHMA standard A 156.3 Grade 1.
- Endurance test, over 500,000 times still keep good performance.
- Surface mounted for ease of installation.





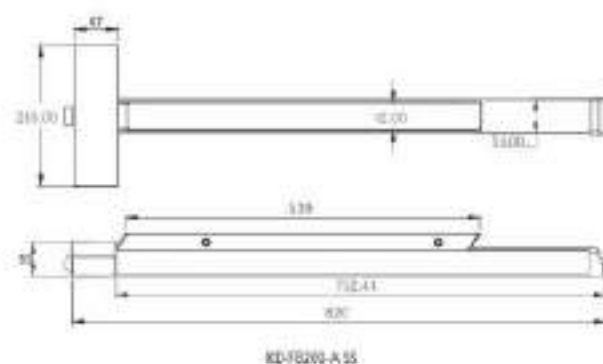
KD-F8100-A SS/BLACK



KD-F8200-A SS



KD-F8100-A SS/BLACK

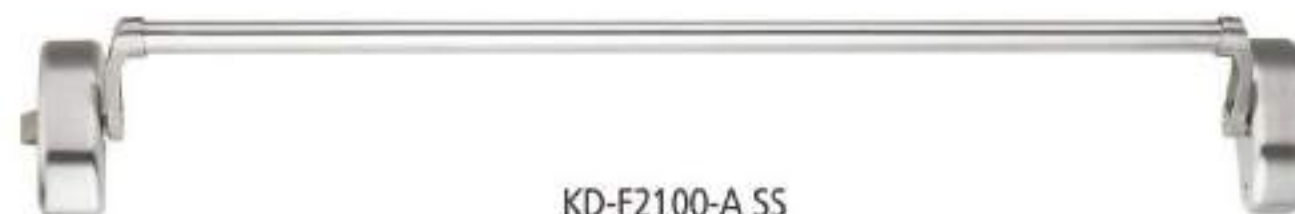


KD-F8200-A SS

### KD-F8100-A, KD-F8200-A Panic Exit Device, Rim Type, single leaf door

Features of the KD-F8100-A Rim Type Half length Panic Exit Device  
Features of the KD-F8200-A Rim Type Half length Panic Exit Device

- Type: Rim type, Half length or full length
- Material: 304 stainless steel or heavy duty steel
- Length: 8200MM as a standard, could be customized
- Color: Stainless steel as a standard, could be customized
- Accommodates wood and metal doors with thru bolts standard
- Match with outside access device like cylinder, trim and lever
- Apply to door for fire protection, smoke ventilation,
- Apply to single leaf door
- Conforming to UL, 10C and ANSI/BHMA standard A 156.3 Grade 1.
- Endurance test, over 500,000 times still keep good performance.
- Surface mounted for ease of installation.



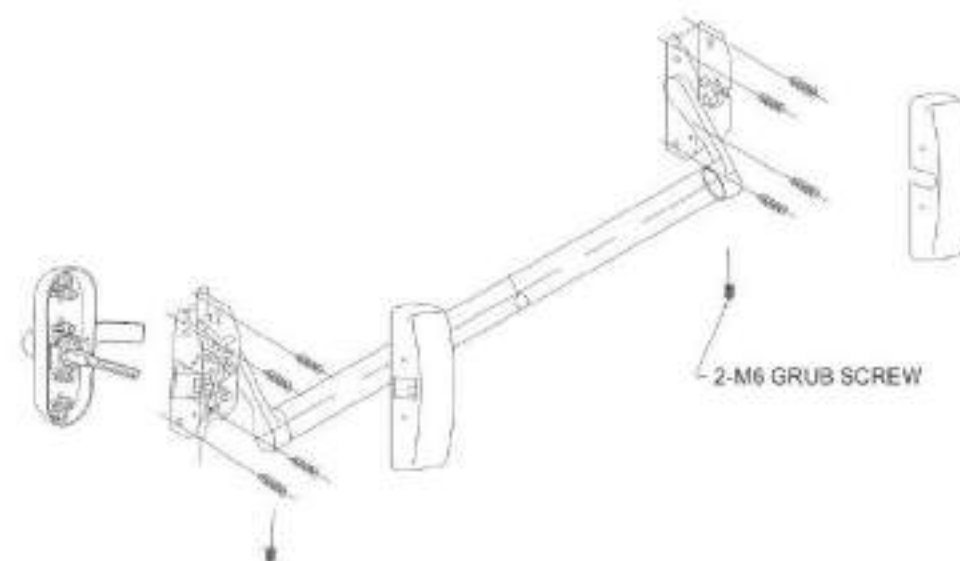
KD-F2100-A SS

Material: Stainless Steel Grade 304  
Finish: SS



KD-F2100-A SL

Material: Iron  
Finish: Silver



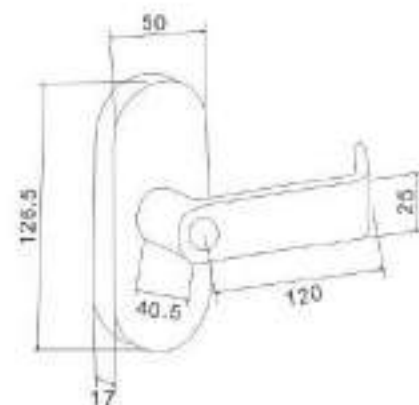
The push bar with integral lock combines proven mechanics with convenient assembly and operation. Available in various materials and designs, it allows for a multitude of applications. Technically up to corresponding to the new standard EN 1125, the touch bar is suitable for panic exit devices.





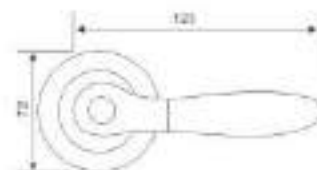
KD-F2000-B SN

- Material: Zinc alloy
- Finish: SN
- For: KD-F2100A



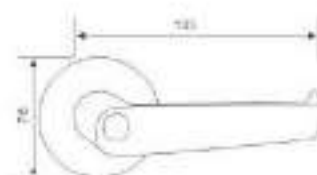
KD-F3000-B SN

- Material: Zinc alloy
- Finish: SN
- For: KD-F3000



KD-F4000-B SS

- Material: Stainless Steel / Zinc alloy
- Finish: SS/SC
- For: KD-F3160, F3300, F3400



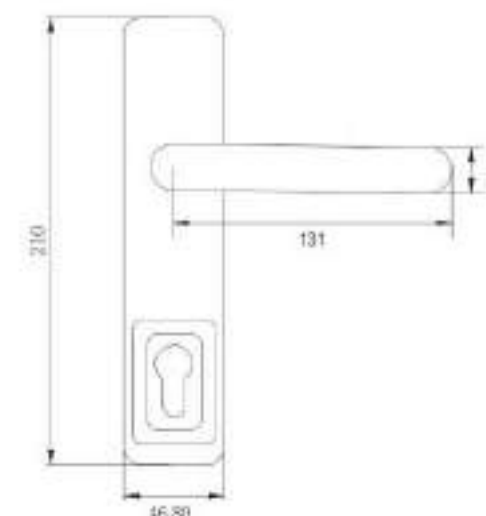
**Character:**

1. Close by one point.
2. Exposure type.
3. Semi length push bar.
4. Different length according to the width of door.
5. Different colors can be chosen.



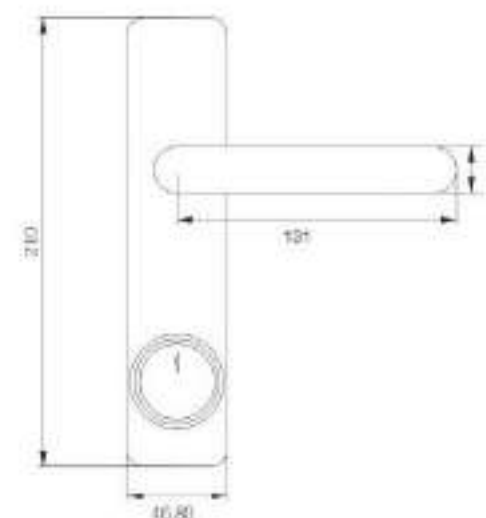
KD-F6100-B SS

- Material: Stainless Steel
- Finish: SS



KD-F6200-B SS

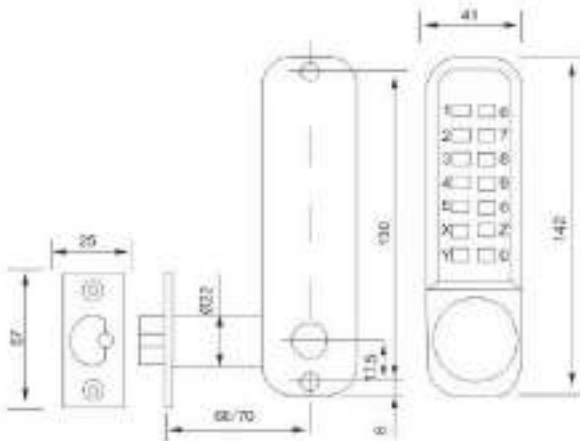
- Material: Stainless Steel
- Finish: SS



2



MCL-100

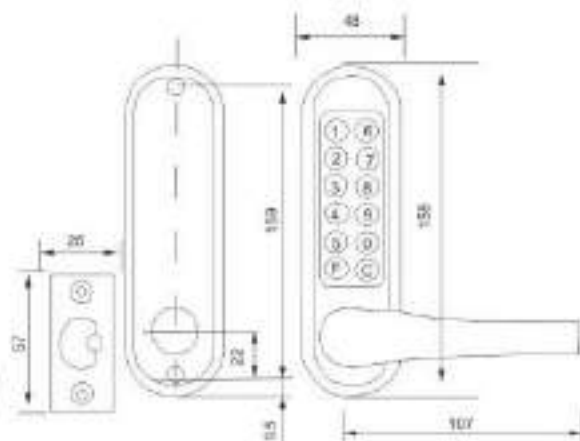


Colors available:  
Black, Silver, Bronze, Gold, White, PVD

2



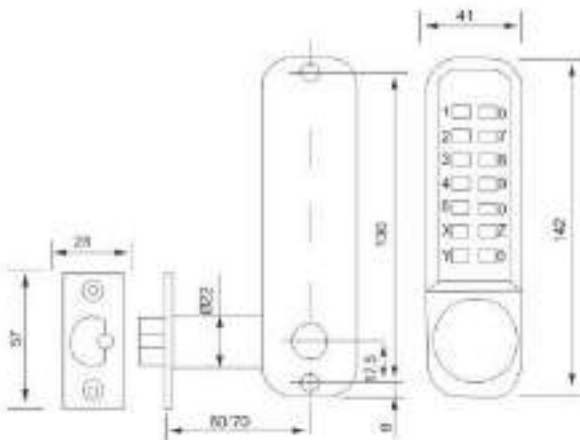
MCL-200



Colors available:  
Black, Silver, Bronze, Gold, White, PVD



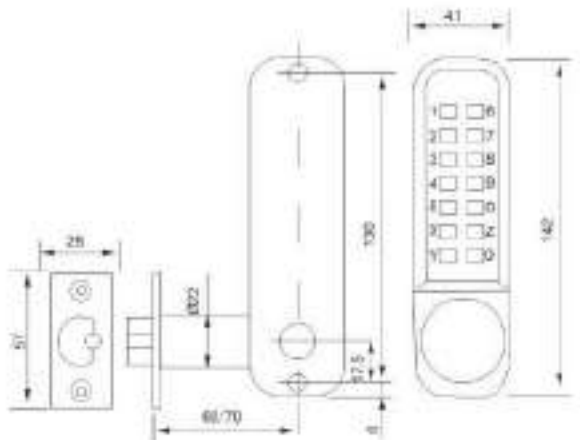
MCL-300



Colors available:  
Black, Silver, Bronze, Gold, White, PVD



MCL-400



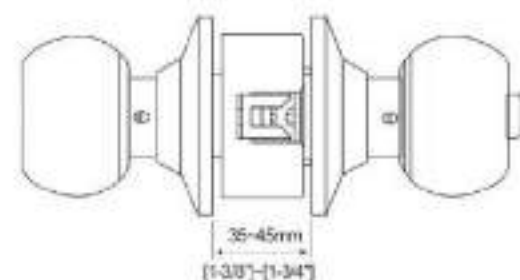
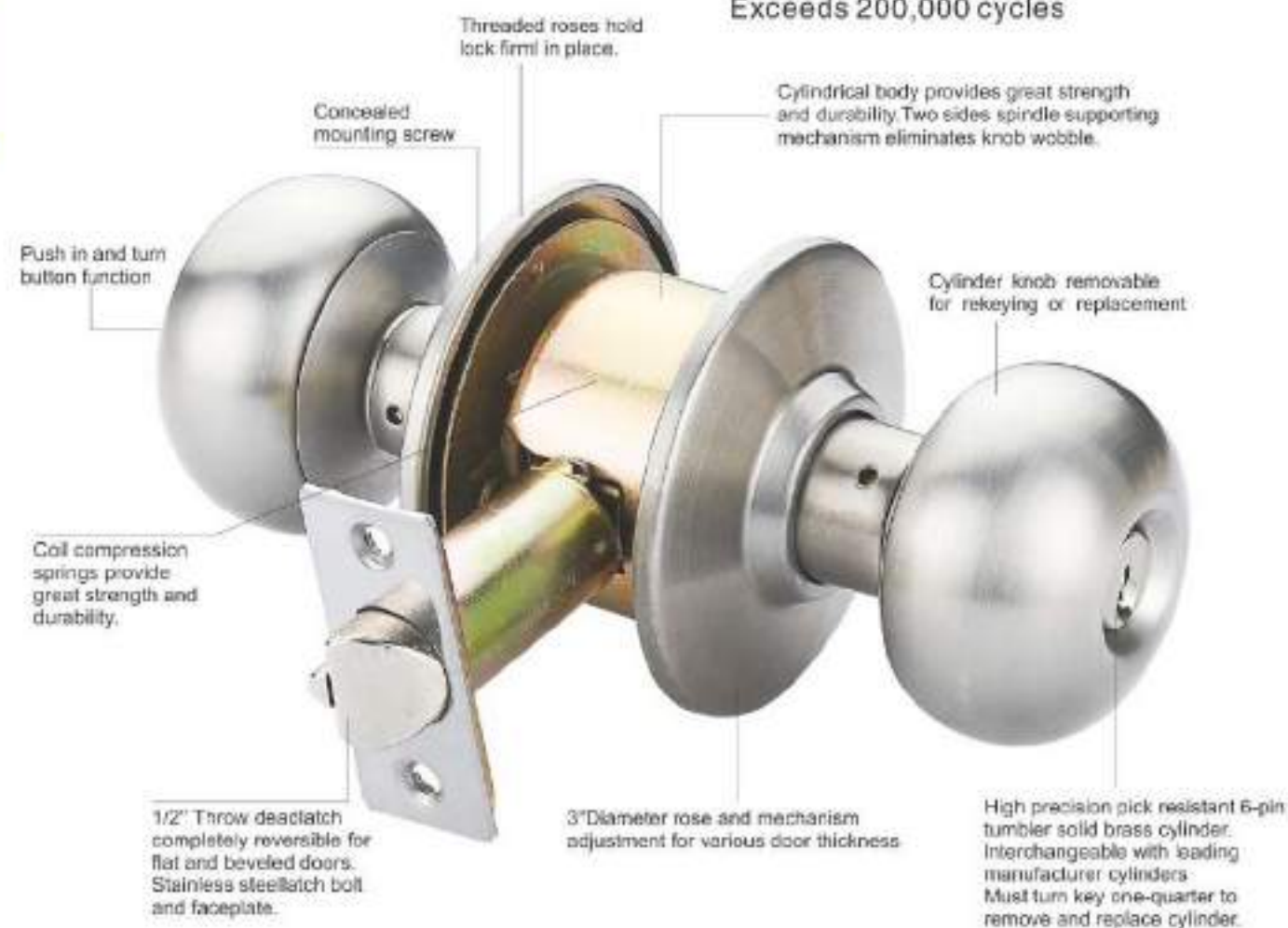
Colors available:  
Black, Silver, Bronze, Gold, White, PVD



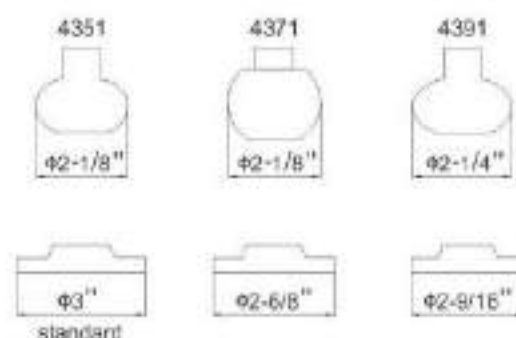
## 5691SS Cylindrical Knobset



Conforms with ANSI Grade 3  
Exceeds 200,000 cycles

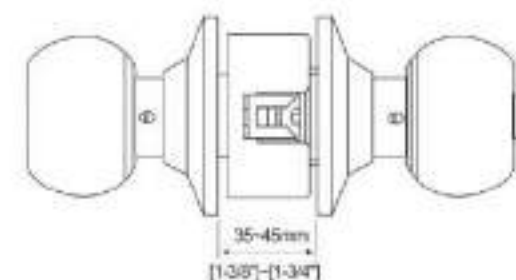
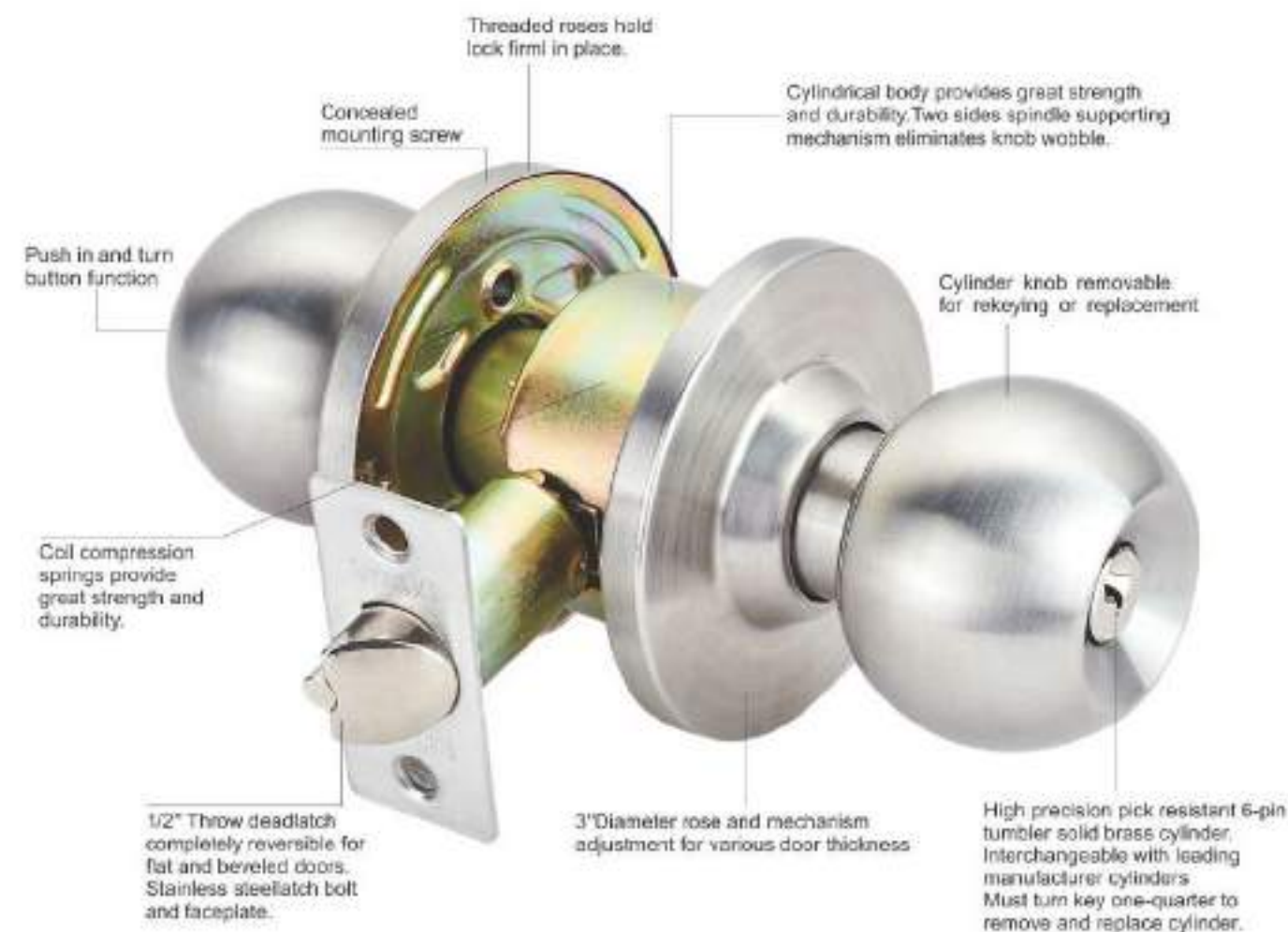


### Knob and rose available

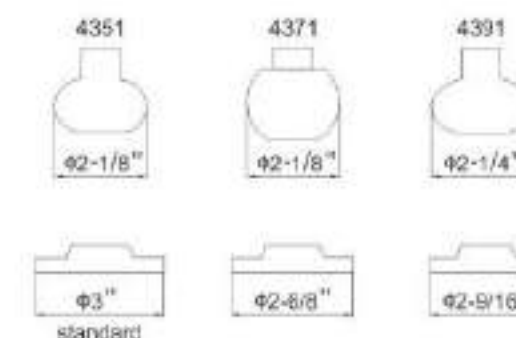


## 5871SS Cylindrical Knobset

Conforms with ANSI Grade 3  
Exceeds 200,000 cycles



### Knob and rose available







## DB400 SERIES Heavy-Duty Deadbolts

A Heavy Duty commercial quality deadbolt that provides a positive deterrent to forced entry. The cylinder recesses into the door to resist blows attempting to move the lock.

### Construction Features



#### Drive in deadbolt



Designed to be installed on metal door conveniently. Only one hole is needed on door edge.

Brass bolt nickel plated

Fixed backset 1" (25mm) deadbolt with hardened steel core exceeds ANSI Grade 2 Security against kick-in and saw attacks.

2mm thick steel mounting plate.

ADA Ergonomic thumb turn.

Sturdy, steel latch case.

2-1/2" dia steel two-piece design security ring insert, exceeds ANSI Grade 2 security against hammer and crowbar prying attacks, turns free with any removal attempt.

High precision pick resistant solid brass 6 pin tumbler plug "C". Brass key nickel plated. Meets ANSI Grade 2 Security to prevent key cylinder from being knocked out.



5 or 6 Pin two-piece cylinder



5 or 6 Pin one-piece cylinder



Inside Rose Assembly



2-1/2" dia steel two-piece ring insert, Grade 2 security.



## DB100 SERIES Standard Duty Deadbolts

A commercial quality deadbolt that provides a positive deterrent to forced entry.

### Construction Features



Steel mounting plate.

ADA Ergonomic thumb turn.

2-1/2" dia tapered cylinder guard and metal insert, turns free with any removal attempt.

SUS 304 1" (25mm) adjustable, 60/70mm backset deadbolt with free-turning hardened steel core against kick-in and saw attacks.

Sturdy steel latch case.

High precision pick-resistant solid metal tumbler plug, 5 or 6 pin available. Brass key nickel plated. "C", Kwikset keyway available.



DB101







## DB200 SERIES

### Heavy Duty Commercial Deadbolts

A commercial quality deadbolt that provides a positive deterrent to forced entry.



ANSI Grade 3 Security against hammer and crowbar prying attacks

SUS 304 back cover with 10mm height

Free-turning, wrench-resistant, tapered cylinder ring

Reinforced 1" throw brass deadbolt with hidden hardened steel core 5/64" thick plate ANSI Grade 2 Security against kick-in and saw attacks Strong enough

Sturdy steel latch case.

High precision pick-resistant solid brass tumbler plug. 5 or 6 pin available. Brass key nickel plated. "C", Kwikset keyway available.



DB201

## ANSI Mortise Lock







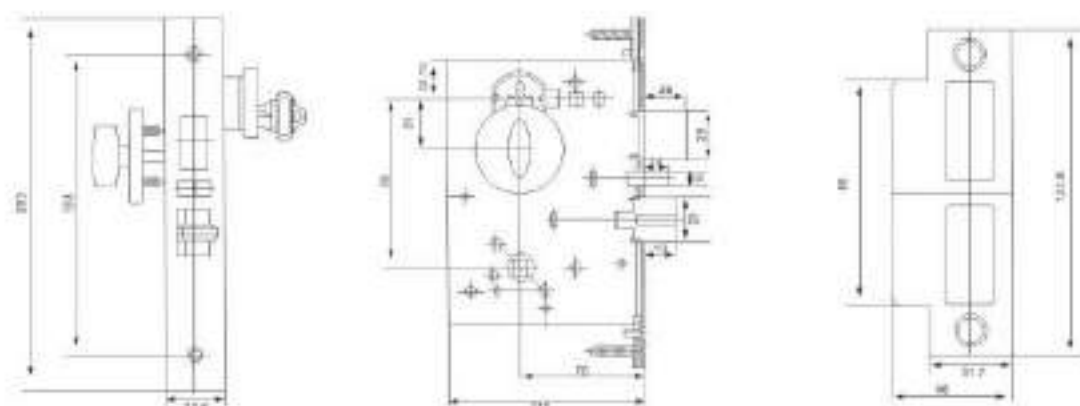
M7092 7-04-80-01-01-SS  
 Finish: 304 PVD optional  
 01 Single Cylinder  
 02 Double Cylinder  
 Lever Design  
 Escutcheon: 80-80  
 Function  
 Lock Case Series  
 Mortise



M7098-7208006 SS



Dimension



Specification

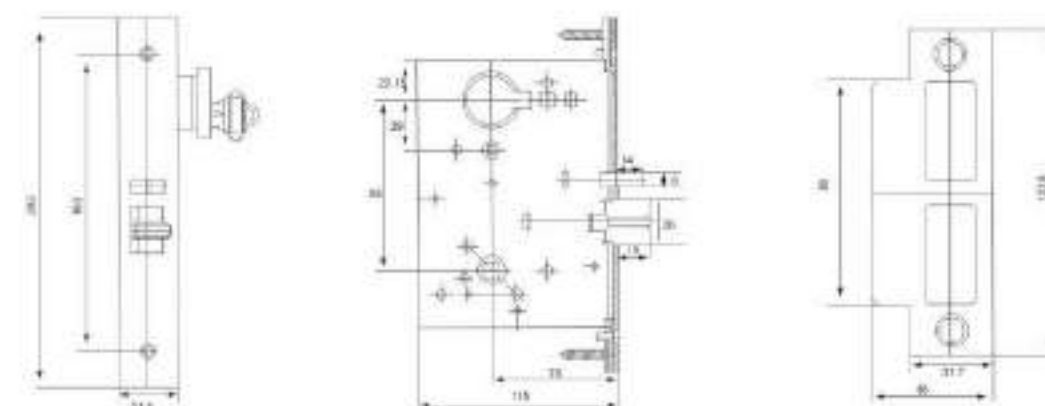
- M7098-720 Entrance lock
- Finish: SS/SPVD/MSS/AB
- Material: Stainless steel/Brass/Iron
- Feature: American mortise lock
- Performance Testing:  
Product is certified under ANSI A 156.13 for Grade 1 with life frequency exceeding 1,000,000  
Product is certified by the Underwriter's Laboratories(UL and ULC Listed)  
Product is certified by the Police Fire Department.
- Function Description:  
Latch bolt retracted by lever either side unless outside is locked by 20 degree rotation of thumb turn.  
Dead bolt operated by 90 degree rotation of thumb turn inside. When locked, lever inside or key outside retracts deadbolt and latch bolt simultaneously.
- Technical Data: Lever follower: 8\*8mm
- Center length(A): 72mm
- Edge Distance: 98mm
- Accessories: Screw, Striking Plate, Plastic Strike Box



M7098-707D8001 SS



Dimension



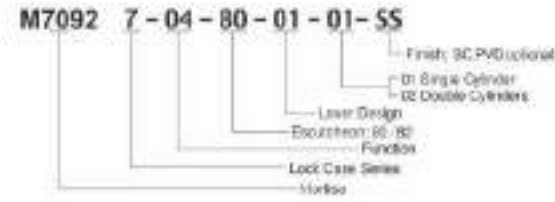
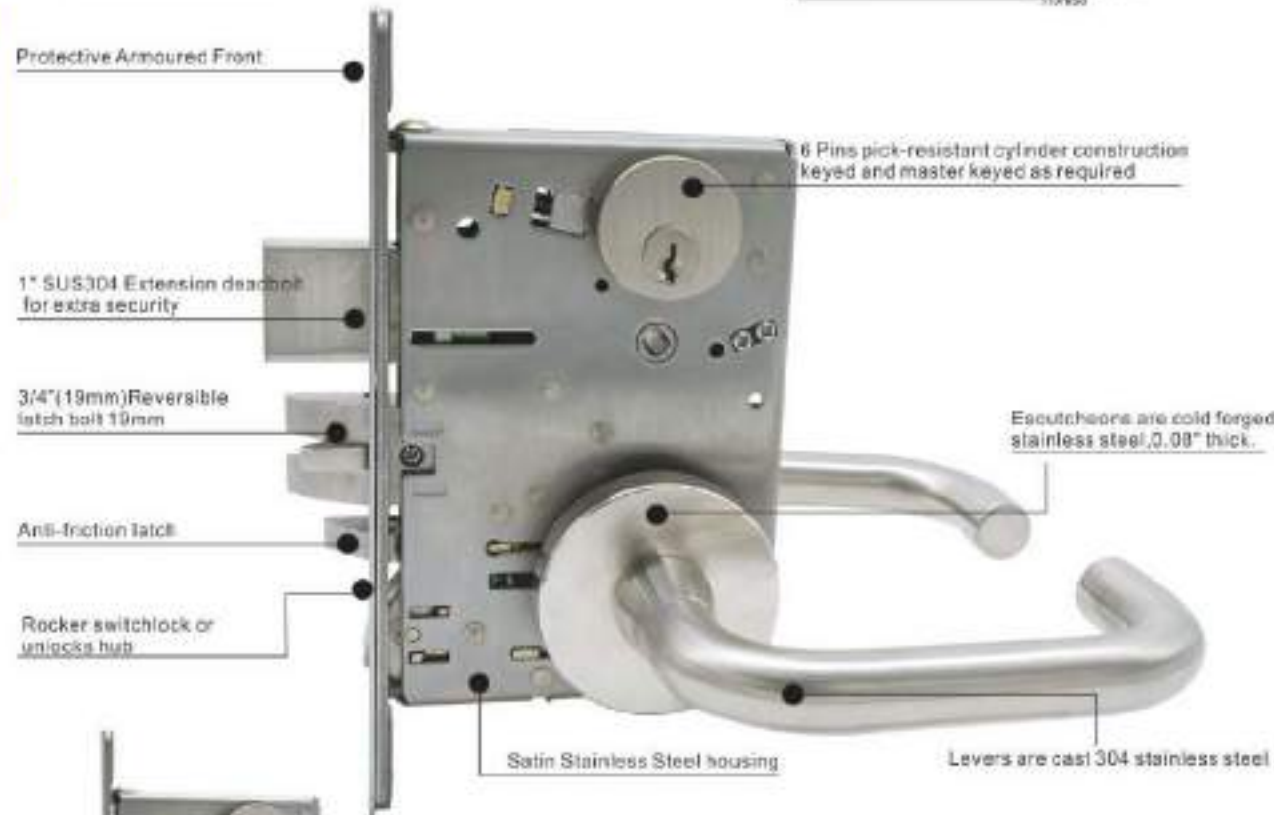
Specification

- M7098-707D Electromechanical lock
- Finish: SS/SPVD/MSS/AB
- Material: Stainless steel/Brass/Iron
- Feature: American mortise lock
- Performance Testing:  
Product is certified under ANSI A 156.13 for Grade 1 with life frequency exceeding 1,000,000  
Product is certified by the Underwriter's Laboratories(UL and ULC Listed)  
Product is certified by the Police Fire Department.
- Function Description:  
Working voltage is 12VDC. There are two type of lock bod, including Fail Safe(Electrical Locked) or Fail Secure(Electrical Unlocked).  
Latch bolt retracted by card sensor on lever, fingerprint sensor and other types. Inside lever always free.  
Latch bolt is flexible.
- Technical Data: Lever follower: 8\*8mm
- Center length(A): 72mm
- Edge Distance: 98mm
- Accessories: Screw, Striking Plate, Plastic Strike Box

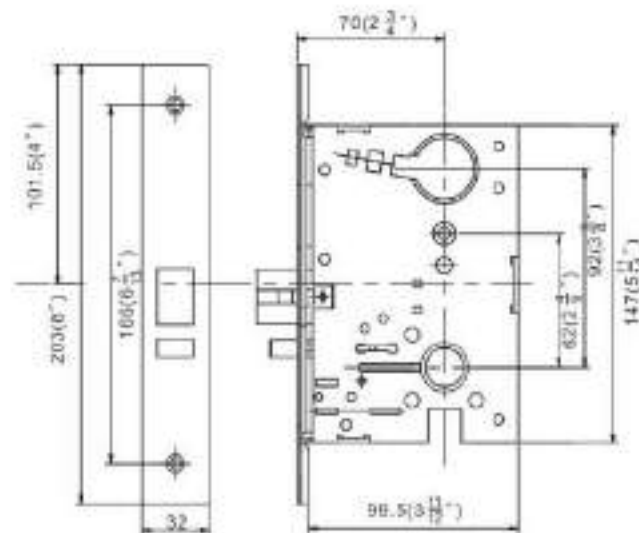
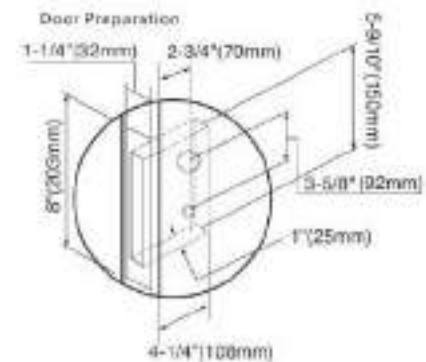




M7092 Series

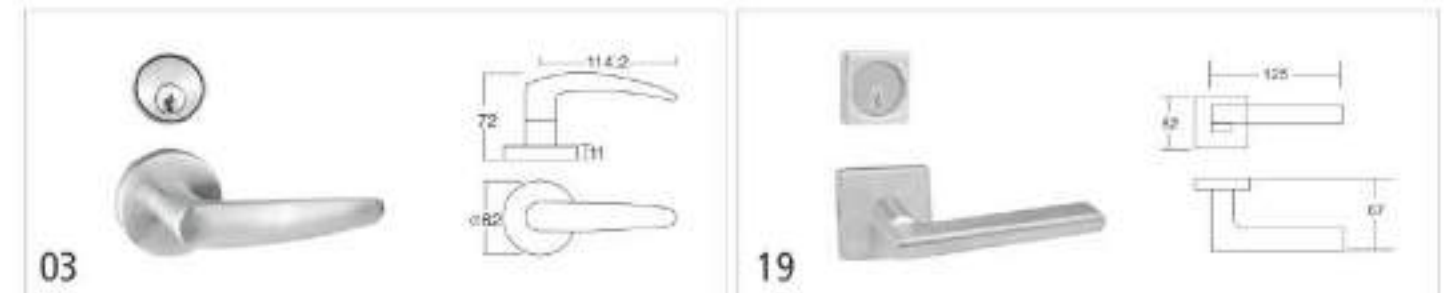
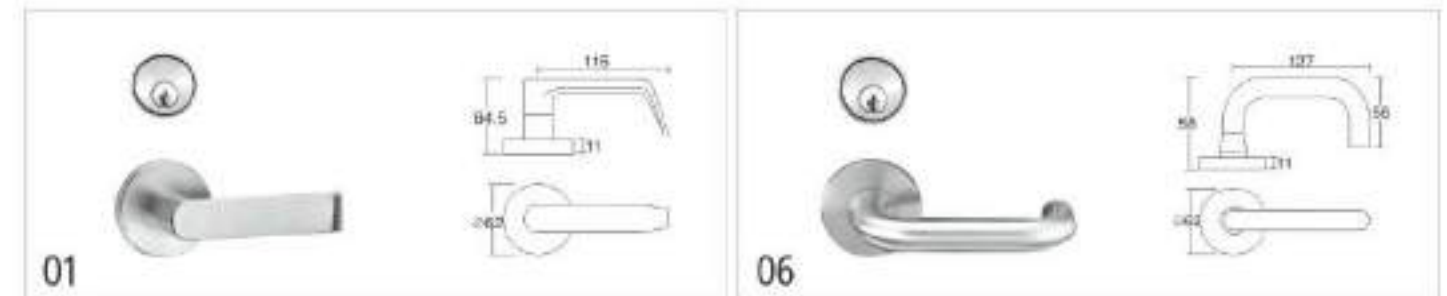


M7092-7208006 SS



<p><b>702 F02 L</b> LT-Privacy Latchbolt operated by knob/lever from either side.</p>	<p><b>720 F20 AB</b> Entry/Office Latchbolt operated by knob/lever either side unless outside lever is locked by key outside or by turning inside thumbturn or by rocker switchlock. Turning inside knob/lever will retract latchbolt and deadbolt simultaneously. Outside knob/lever remains locked until thumbturn is rotated. Throwing deadbolt automatically locks outside knob/lever. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.</p>	<p><b>707 F07 D</b> Storeroom Latchbolt operated by lever from outside or by knob/lever inside. Outside knob/lever always inoperative. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress. Inside lever is always free for immediate egress.</p>
---	---	---

<p><b>713 F13 T</b> Dormitory Latchbolt operated by knob/lever from either side. Deadbolt thrown or retracted by key outside or inside thumbturn. Turning inside knob/lever retracts deadbolt and latchbolt and unlocks outside knob/lever. Inside lever is always free for immediate egress.</p>	<p><b>705 F05 R</b> Classroom Latchbolt operated by knob/lever either side unless outside lever is locked by key. Unlocked from outside by key. Inside knob/lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate egress.</p>	<p><b>709 F09 N</b> C-Public Entrance Latchbolt operated by lever from either side, except when outside lever is locked by key from inside. When outside key is locked, latchbolt is retracted by key from outside or by operating inside lever. Auxiliary dead latch.</p>
---	--	--

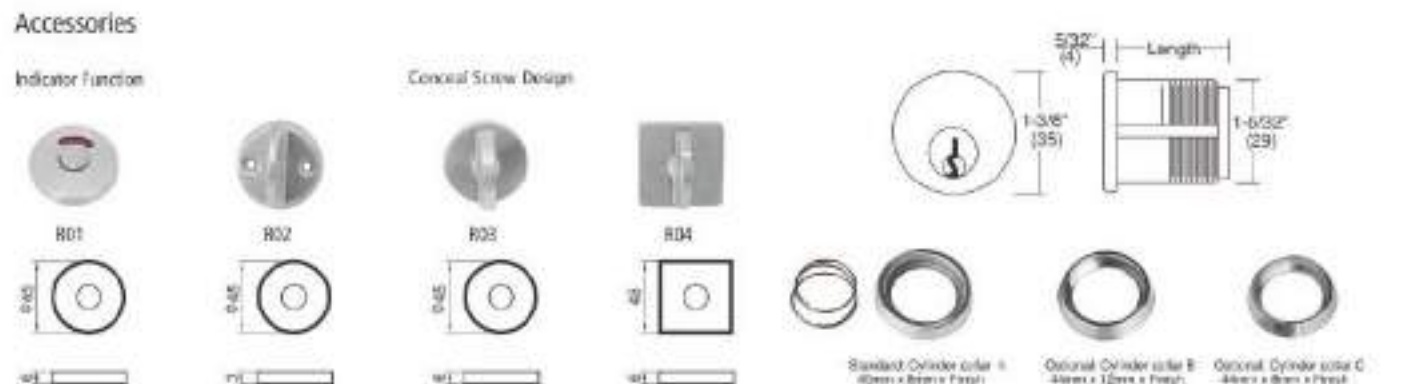


Accessories

Indicator Function



Conceal Screw Design





## 1500 SERIES ANSI GRADE 2 CYLINDRICAL LEVERSET



3 Hour List



Meets ADA requirements.  
Specially designed for  
Barrier Free Application.  
Conforms with ANSI A156.2  
Series 4500, Grade 2.  
Exceeds 400,000 cycles.

### FW SERIES

FreeWheeling clutch design.  
Free turning handle in the locked  
position without opening door,  
to deter breaking of the handle.



IC core is available

Coil compression springs provide  
great strength and durability.

Push in and  
turn button  
function

Concealed  
screw mounting

Optional removable  
Thru Bolt

Cylindrical body  
provides great  
strength and durability.  
Two sides spindle  
supporting mechanism  
eliminates lever wobble.

Full length lever  
handle with 3/8"  
return

UL 3 Hour Rated  
1/2" Throw deadlatch  
completely reversible for  
flat and beveled doors.  
Stainless steel latch bolt  
and faceplate.

Individual spring on each  
side to prevent lever sag,  
maintain reliability, reduce  
maintenance.

High precision pick resistant 6-pin  
tumbler solid brass cylinder.  
Interchangeable with leading  
manufacturer cylinders.  
Must turn key one-quarter to  
remove and replace cylinder.  
Can be construction keyed and  
masterkeyed as required.

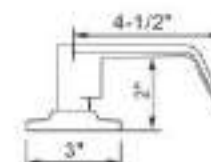
### Lever style and finishes available



### FINISHES AVAILABLE

SPARK CODE	US CODE	DESCRIPTION
PB	US 3	Polished Brass
SB	US 4	Satin Brass
SN	US 15	Satin Nickel
SC	US 26 D	Satin Chrome
CR	US 26	Polished Chrome
ORB	US 10 B	Oil Rubbed Bronze
PVD		Lifetime finish

### DIMENSIONS



**Door Prep:** Cross bore 2-1/8", Edge bore 1",  
Latch face 1-1/8"x2-1/4"  
**Backset:** 2-3/4" standard, 2-3/8" optional.  
**Door Thickness:** 1-3/8"-2" standard.  
**Cylinder:** 5-Pin or 6-Pin removable core.  
Schlage "C" keyway or Kwikset  
and other options available.  
**Handing:** Completely reversible.  
**Rosette:** Removable exterior rosette  
by screw thread.  
**Face plates:** 1-1/8"x2-1/4" square corner  
standard. Round corner and other  
options available.  
**Strikes:** 2-1/4" full lip square corner  
standard. Round corner and  
optional "T" available.  
**Bolt:** 1/2" throw, stainless steel.  
**ANSI/BHMA:** A156.2 Grade 2.

### FUNCTIONS AVAILABLE (FW Indicates FreeWheeling/clutch design available, Prefix "FW" for FW SERIES)

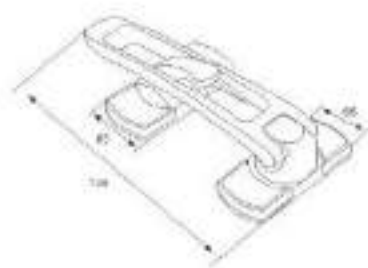
1570 (F87)	<b>Institutional Lock</b> Entry or exit by key only. Both levers always fixed. <b>Prefix "FW" for FW SERIES</b>	1575 (F84)	<b>Single Dummy Trim</b> Single dummy trim for one side of door.
1571 (F84)	<b>Entrance/Office Lock</b> Turn/push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Pushing button locks outside lever until unlocked with key or inside lever is turned. The inside lever is always unlocked providing emergency exit. <b>Prefix "FW" for FW SERIES</b>	1576 (F84)	<b>Classroom Lock</b> The outside lever is locked or unlocked by key. When unlocked the lockset works as a passage set. When the lock is locked, you must use a key from outside to unlock the lockset. The inside lever is always unlocked providing emergency exit. <b>Prefix "FW" for FW SERIES</b>
1571A (F82)	<b>Entrance/Office Lock</b> Push button locking. Pushing button in inside lever locks outside lever until unlocked with key or turning inside lever. The inside lever is always unlocked providing emergency exit. <b>Prefix "FW" for FW SERIES</b>	1577 (F77)	<b>Patio Lock</b> Deadlocking latchbolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by rotating inside lever or closing door. The inside lever is always unlocked providing emergency exit.
1571B	<b>Entrance/Office Lock</b> Pushing button locks outside lever until unlocked with key or inside lever is turned. Turn/push button locking. Pushing and turning button locks outside lever forever even using a key until button is manually turned back. Do not use this lock in room without another entry in case of being locked outside carelessly. The inside lever is always unlocked providing emergency exit.	1578 (F80)	<b>Communicating Lock</b> Deadlocking latchbolt operated by lever from either side. Turning key in either lever locks or unlocks its own lever independently.
1572 (F76)	<b>Privacy Lock</b> Latchbolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside, rotating inside lever or closing door. The inside lever is always unlocked providing emergency exit. <b>Prefix "FW" for FW SERIES</b>	1578B (F81)	<b>Store Door Lock</b> Both levers are locked or unlocked synchronously by key from either side.
1573 (F79)	<b>Passage/Closet</b> Both levers are always unlocked from inside and outside.	1579 (F89)	<b>Exit Lock</b> Deadlocking latchbolt operated by inside lever. Outside lever fixed. The inside lever is always unlocked providing emergency exit.
1574 (F86)	<b>Storeroom Lock</b> Outside lever is fixed, entrance by key only. Every time the door closes this unit will lock. It cannot be left unlocked. The inside lever is always unlocked providing emergency exit. <b>Prefix "FW" for FW SERIES</b>	1579A	<b>Connecting Room/ Exit Lock</b> Deadlocking latchbolt operated from inside only. Blank plate outside.
		1579B	<b>Connecting Room/ Exit Lock</b> The inside lever is locked or unlocked by key. When unlocked the lockset provides Exit. When locked, the lockset stops Exit. Blank plate outside.





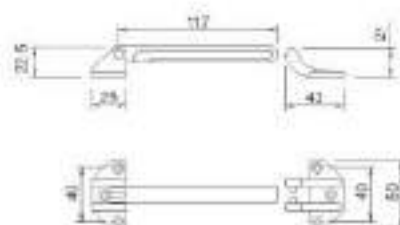
DG3504 SN

Material: Zinc alloy  
Finish: SN



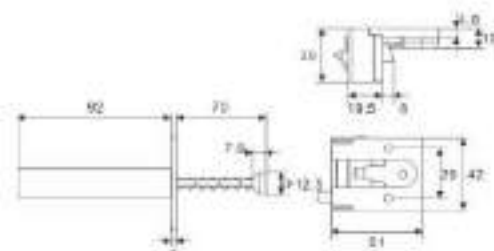
DG3505 SN

Material: Zinc alloy  
Finish: SN



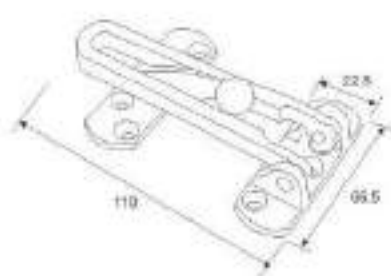
DG3732 SS

Material: Stainless Steel chain  
Finish: SS



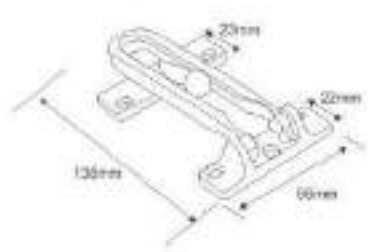
DG3806 SN

Material: Zinc alloy  
Finish: SN



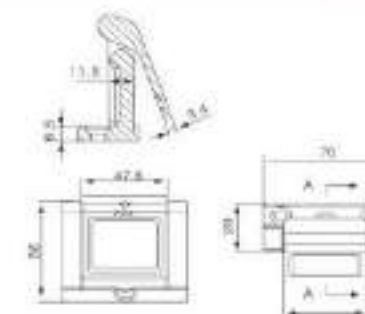
DG3807 SS

Material: Stainless Steel  
Finish: SS



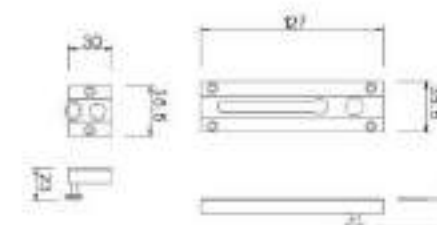
DG3896 SS

Material: Stainless Steel  
Finish: SS



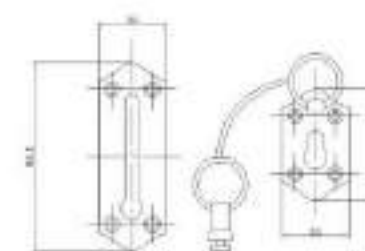
DG3502 SS

Material: Stainless Steel  
Finish: SS



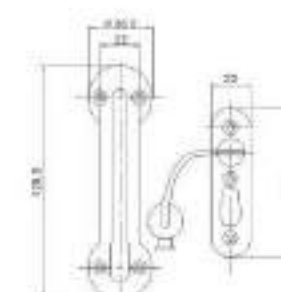
DG3503 SN

Material: Zinc alloy  
Finish: SM



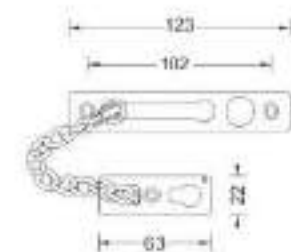
DG3805 SN

Material: Zinc alloy  
Finish: 504



DG3872 SS

Material: Stainless Steel  
Finish: SS



# AKADA® Euro Profile Cylinder

Core element of our product range are locking systems. Generally speaking, a locking system comprises a number of different cylinders that can be operated by one or several high-order keys or a system including central cylinders (e.g. entrance doors of buildings) that can be operated by a number of different keys (e.g. the keys to the individual apartment doors).

Four aspects must be considered when designing a locking system:

## Security

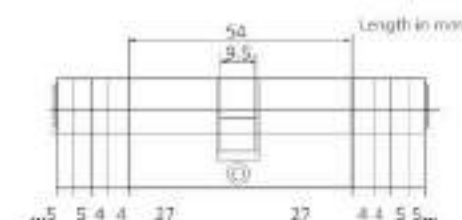
Absolute key control: key blanks are not available in the trade. Additional keys can only be ordered upon presentation of the security card. This prevents any unauthorised duplication of keys. The clear allocation of individual keys to defined persons significantly enhances the security.

## Convenience

Instead of many keys, only one key is needed for all doors that a given person is permitted to open.

## Organization

A locking system can also be used to design processes within an organization. The corporate hierarchy can thus be translated into access authorizations.



A/mm	B/mm	Total length
10	35	45
27	27	54
30	30	60
31.5	31.5	63
35	35	70
30	40	70
40	40	80
30	50	80
45	45	90
30	60	90
50	50	100
30	70	100
...	...	...
...	...	...

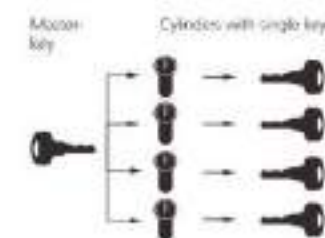
Further lengths are possible.  
Maximum total length: 200 mm.

AKADA®

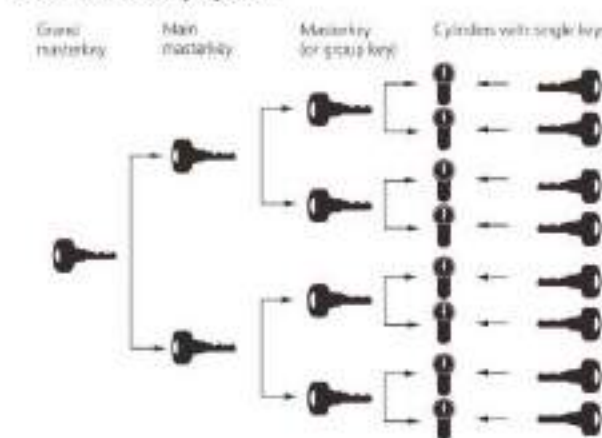
## Central Locking System



## Simple Masterkey System



## Grand Masterkey System



## Finish

Satin Nickel
 Polished Chrome
 Polished Brass
 Bronze

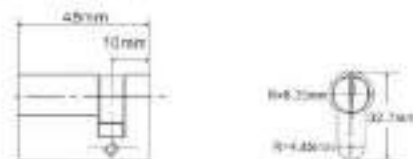




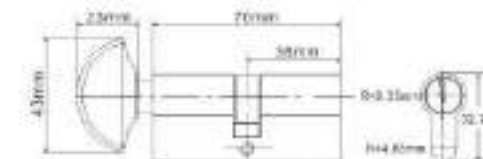
EC-1 SN



Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	45/50/55/60/65/70/75/80/85/90/95/100mm	



Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	50/55/60/65/70/75/80/85/90/95/100mm	



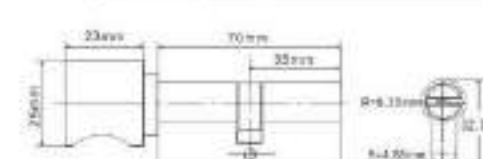
DC-1-54 SN



Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	54/59/64/69/74/79/84/89/94/99/104mm	



Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	50/55/60/65/70/75/80/85/90/95/100mm	



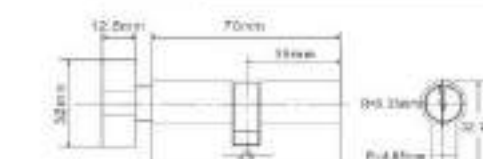
DC-1 SN



Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	60/65/70/75/80/85/90/95/100mm	



Material	BRASS	
Color	POLISHED BRASS	CHROME
Dimension	50/55/60/65/70/75/80/85/90/95/100mm	



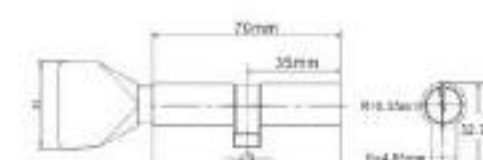
DC-2 SN



Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	60/65/70/75/80/85/90/95/100mm	



Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	50/55/60/65/70/75/80/85/90/95/100mm	





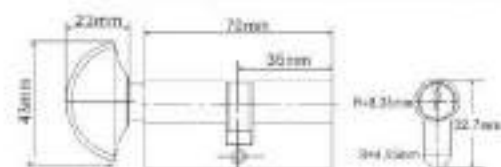
CDC-1 SN

Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	45/55/55/62/65/70/75/83/85/90/95/100mm	



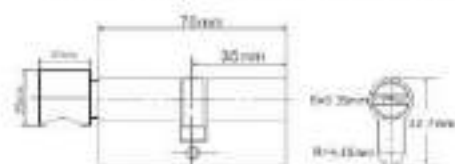
CSC-03 PB

Material	BRASS	
Color	70/5/NICKEL BRASS	NICKEL OUTER BRUSHED
Dimension	60/65/70/75/83/85/90/95/100mm	



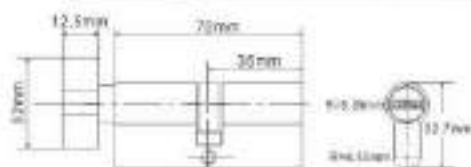
CSC-05 SN

Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	60/65/70/75/83/85/90/95/100mm	



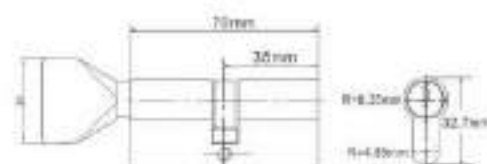
CSC-06 SN

Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	60/65/70/75/83/85/90/95/100mm	

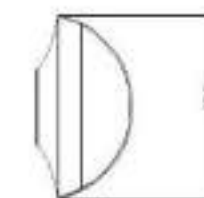


CSC-10 SN

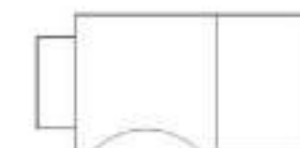
Material	BRASS	
Color	NICKEL BRUSHED	NICKEL OUTER BRUSHED
Dimension	60/65/70/75/83/85/90/95/100mm	



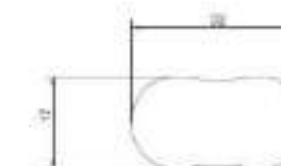
BC-03 SC



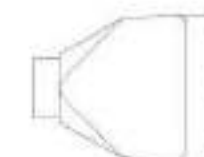
BC-05 PB



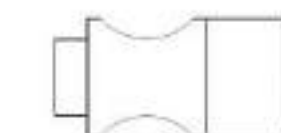
BC-06 SN



BC-10 SN



BC-11 SN







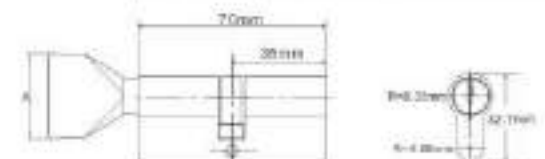
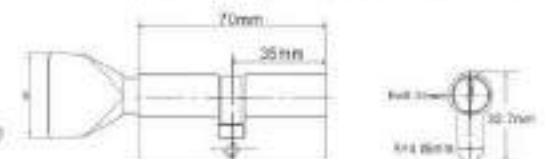
DC-Z-1 SN

Material	Zinc alloy	
Color	NICKEL BRUSHED	NICKEL POLISHED
Dimension	60/65/70/75/80/85/90/95/100mm	



SC-Z-10 SN

Material	Zinc alloy	
Color	NICKEL BRUSHED	NICKEL POLISHED
Dimension	60/65/70/75/80/85/90/95/100mm	



BC-Z-10 SN

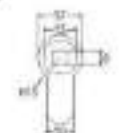
Material	Zinc alloy	
Color	NICKEL BRUSHED	NICKEL POLISHED
Dimension	60/65/70/75/80/85/90/95/100mm	



CN-07 BB

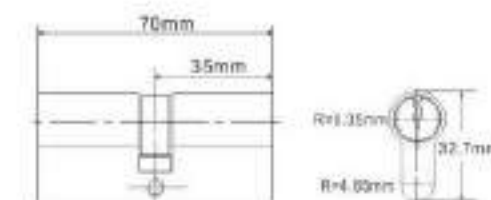
Material	BRASS	
Color	PB	SH
Dimension	60/65/70/75/80/85/90/95/100mm	

Threshold: 10/15/20/25/30mm  
Adaptor: Covers from normal cylinder type to bottom (threshold) type.



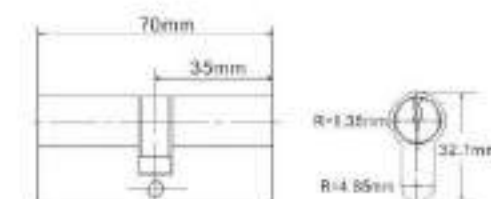
CDC-2 SN

Material	BRASS	
Color	BRASS BRUSHED	BRASS POLISHED
Dimension	70/75/80/85/90/95/100mm	



DT-7 SN

Material	BRASS	
Color	BRASS BRUSHED	BRASS POLISHED
Dimension	60/65/70/75/80/85/90/95/100mm	



ATD-9 SN

Material	BRASS	
Color	BRASS BRUSHED	BRASS POLISHED
Dimension	70/75/80/85/90/95/100mm	



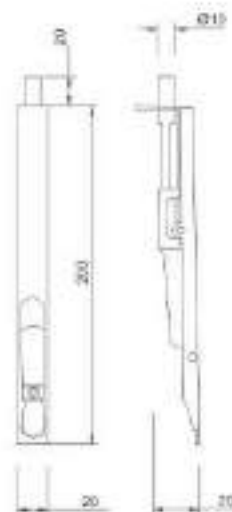






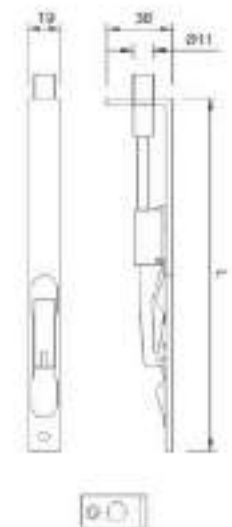
YB-034  
Flush bolt  
For wooden and metal door  
Material: Stainless steel, Zinc alloy

Art No	W	L
YB-034/6	3/4"	6"
YB-034/8	3/4"	8"
YB-034/10	3/4"	10"
YB-034/12	3/4"	12"



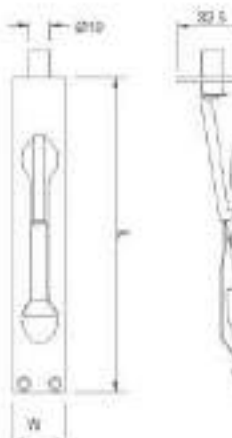
YB-063  
Flush bolt  
For wooden and metal door  
Material: Stainless steel casting

Art No	W	L
YB-063/6	3/4"	6"
YB-063/8	3/4"	8"
YB-063/10	3/4"	10"
YB-063/12	3/4"	12"
YB-063/18	3/4"	18"
YB-063/24	3/4"	24"
YB-063/36	3/4"	36"



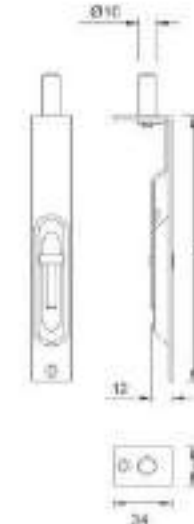
YB-037  
Flush bolt  
For hollow metal door  
Material: Stainless steel

Art No	W	L
YB-037/6	1"	6"
YB-037/8	1"	8"
YB-037/10	1"	10"
YB-037/12	1"	12"



YB-069  
Flush bolt  
For hollow metal door  
Material: Stainless steel

Art No	W	L
YB-069/6	3/4"	6"
YB-069/8	3/4"	8"
YB-069/10	3/4"	10"
YB-069/12	3/4"	12"



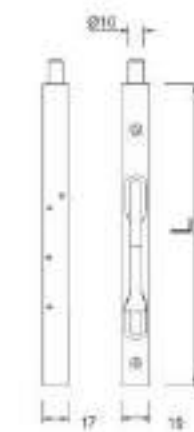
YB-071  
Flush bolt  
For hollow metal door  
Material: Stainless steel

Art No.	width	length
YB-071/6	3/4"	6"
YB-071/8	3/4"	8"
YB-071/10	3/4"	10"
YB-071/12	3/4"	12"



YB-070  
Flush bolt  
For wooden door  
Material: Stainless steel

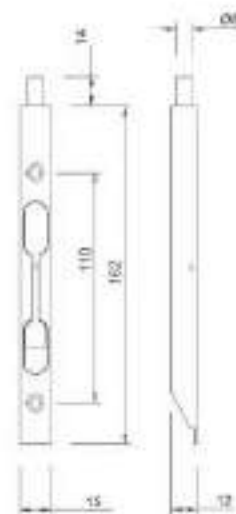
Art No.	W	L
YB-070/6	3/4"	6"
YB-070/8	3/4"	8"
YB-070/10	3/4"	10"
YB-070/12	3/4"	12"
YB-070/18	3/4"	18"
YB-070/24	3/4"	24"





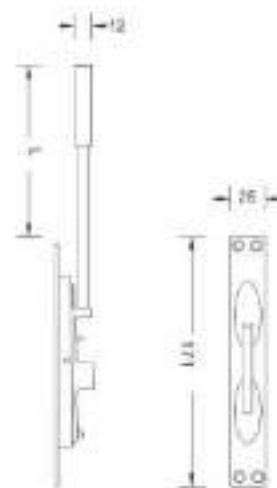
YB-075  
Flush bolt  
For wooden door  
Material: Stainless steel

Art No	W	L
YB-075/8	15	8"
YB-075/8	15	8"
YB-075/10	15	10"
YB-075/12	15	12"



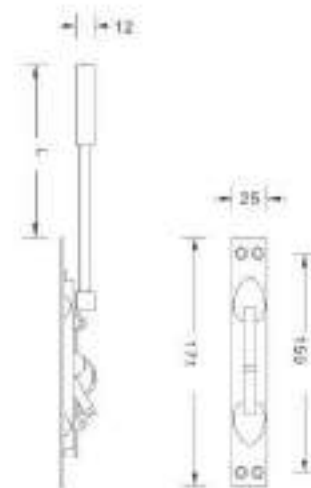
YB-054  
Lever extension flush bolt  
For hollow metal door  
Material: Stainless steel, Brass

Art No.	W	L
YB-054/6	1"	6"
YB-054/8	1"	8"
YB-054/10	1"	10"
YB-054/12	1"	12"
YB-054/14	1"	14"



YB-072  
Lever extension flush bolt  
For hollow metal door  
Material: Stainless steel

Art No	W	L
YB-072/6	1"	6"
YB-072/8	1"	8"
YB-072/10	1"	10"
YB-072/12	1"	12"



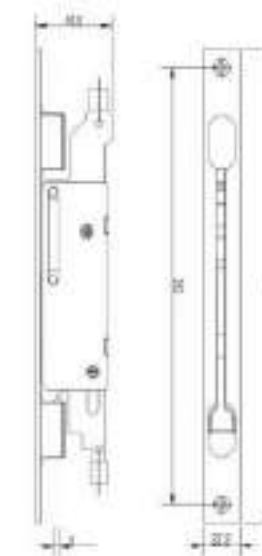
YB-076  
Automatic flush bolt  
For: wooden door, reversible for left and right side  
Automatic locking and release  
Material: Stainless steel



YB-077  
Automatic flush bolt  
For: wooden door, for both left side and right side  
Automatic locking and release  
Material: Stainless steel



YB-078  
Double side flush bolt  
For hollow metal door  
Material: Stainless steel





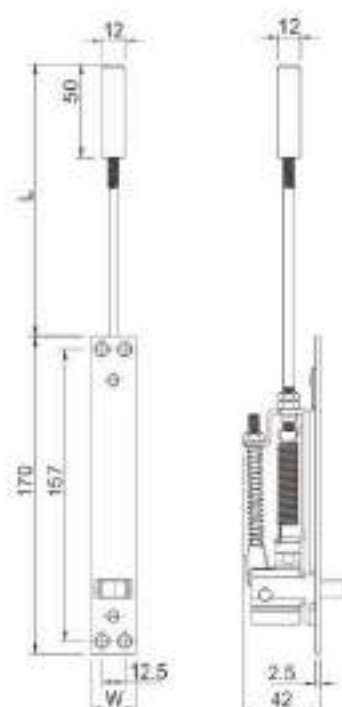


**YB-079**  
Automatic flush bolt  
For wooden door, for both left side and right side  
Automatic locking and release  
Material: Stainless steel



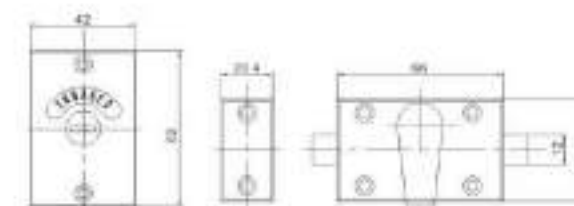
**YB-80**  
Automatic flush bolt  
For hollow metal door, for both left side and right side  
Automatic locking and release  
Material: Stainless steel

Art No.	W	L
DB026	24.5	6"
DB026	24.5	8"
DB026	24.5	10"
DB026	24.5	12"



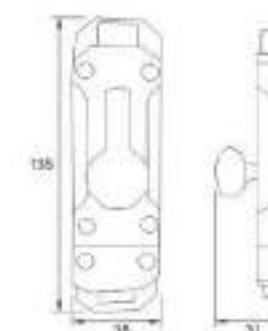
**D3707 SN**

Material: Zinc alloy  
Finish: SN



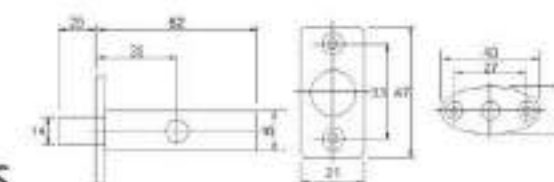
**YB-038 SN**

Material: Zinc alloy  
Finish: SN  
Size: 4", 5"



**YB-065 SS**

Material: Stainless Steel  
Finish: SS



**YB-081**  
Door bolt  
For wooden and metal door  
Material: stainless steel

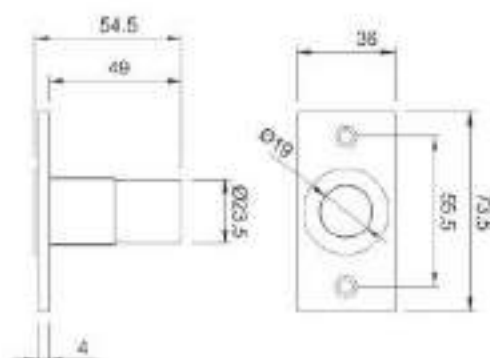
Art No	W	L
YB-081/4"	1-1/2"	4.0"
YB-081/6"	1-1/2"	6.0"
YB-081/8"	1-1/2"	8.0"
YB-081/10"	1-1/2"	10.0"
YB-081/12"	1-1/2"	12.0"
YB-081/16"	1-1/2"	16.0"
YB-081/24"	1-1/2"	24.0"





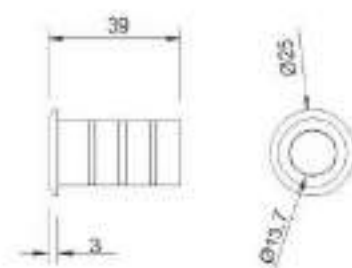
DS3876 SS

Material: Stainless Steel  
Finish: SS



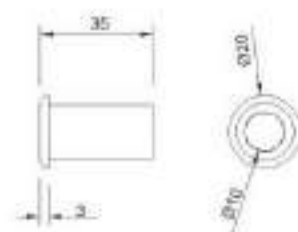
DS3802-1 SS

Material: Stainless Steel  
Finish: SS



DS3802 SS

Material: Stainless Steel  
Finish: SS



**AKADA** 温州市安凯外贸有限公司  
WENZHOU AKADA FOREIGN TRADE CO.,LTD

TO: WHOM IT MAY CONCERN

## CERTIFICATE

We, WENZHOU AKADA FOREIGN TRADE CO., LTD., hereby certify that all "AKADA" Digital locks, Door bell system & Accessories supplied by us were produced according to international standard. We will give 5 years warranty for above mentioned products.

Best Regards,

WENZHOU AKADA FOREIGN TRADE CO., LTD.



地址: 温州经济技术开发区机场大道5465号国大广场203室5楼北向  
ADD: 5/F GUODS PLAZA/EAST, NO.5465 AIRPORT AVENUE, WENZHOU, CHINA  
电话: 0577-28807086 传真: 0577-28807082  
TEL: 0577-28807086 FAX: 0577-28807082





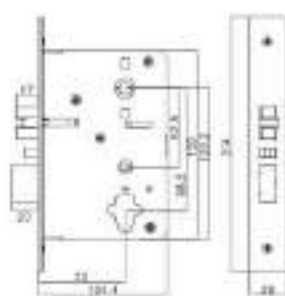
HE009

## Dimension



## Mortise Measurement

M70#-204x29mm



M70#-240x22mm



## PARAMETERS

Mechanism	304# front / back panel and handle
	304# cylinder cover and handle color ensure the use under high humidity area
Unlock way	Mifare card or mechanical key
Power supply	4xAAA alkaline battery(DC6V)
Static current	25uA
Working temperature	-20-45 degree
Working humidity	20-90%
Battery life	Normal open 15000 times
Low power alarm	When power is less than 4.8V, with beep, then you can still open 150 times.
Audit trail	500 latest records include the mechanical key
Available door thickness	30-60mm
Suggest usage	wood door

## Mortise lock specification

- With standard 70mm backset ANSI mortise.
- Inside parts are with blue zinc treatment to reach the environment protection requirement.
- Microswitch inside the mortise is with over 1000,000 times life test.
- Latch and deadbolt are with 304# die casting stainless steel material, durable and reliable.
- Flat spring for the mortise is with imported piano wire with 500,000 times life test.
- Spindle parts is with special steel and heat treatment with over 1000,000times test.
- High quality motor with 500,000 times life test, ensure the long years use.
- Patent structure design with simple change for left and right direction.

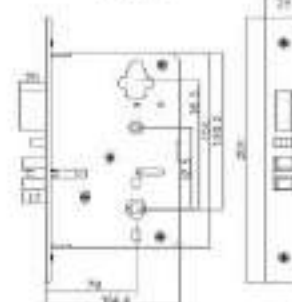
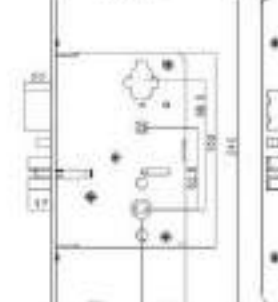


HE008

## Dimension



## Mortise Measurement

M70#-204x29mm  
ReverseM70#-240x22mm  
Reverse

## PARAMETERS

Mechanism	304# front / back panel and handle
	304# cylinder cover and handle color ensure the use under high humidity area
Unlock way	Mifare card or mechanical key
Power supply	4xAAA alkaline battery(DC6V)
Static current	25uA
Dynamic current	<150mA
Working temperature	-20-45 degree
Working humidity	20-90%
Battery life	Normal open 15000 times
Low power alarm	When power is less than 4.8V, with beep, then you can still open 150 times.
Audit trail	500 latest records include the mechanical key
Available door thickness	30-60mm
Suggest usage	wood door

## Mortise lock specification

- With standard 70mm backset ANSI mortise.
- Inside parts are with blue zinc treatment to reach the environment protection requirement.
- Microswitch inside the mortise is with over 1000,000 times life test.
- Latch and deadbolt are with 304# die casting stainless steel material, durable and reliable.
- Flat spring for the mortise is with imported piano wire with 500,000 times life test.
- Spindle parts is with special steel and heat treatment with over 1000,000times test.
- High quality motor with 500,000 times life test, ensure the long years use.
- Patent structure design with simple change for left and right direction.

**Hotel Doorbell Panel(outside door)**

Size: 88x88mm  
 Material for panel: Acrylic  
 Material for frame: PC  
 Color: White, Silver, Gold  
 High-voltage Series: AC100-240V 50/60Hz  
 Low-voltage Series: DC 12V

**Hotel Doorbell Panel(inside door)**

Size: 88x88mm  
 Material for panel: Acrylic  
 Material for frame: PC  
 Color: White, Silver, Gold  
 High-voltage Series: AC100-240V 50/60Hz  
 Low-voltage Series: DC 12V



DBS-01 ABC

**DOOR BELL**

Voltage: 220V  
 Material: PC

**ROOM NUMBER DISPLAY**

Size: 120\*230mm  
 Material for panel: Tempered glass  
 Material for frame: Zinc alloy  
 Color: Black, Champagne, Brown, Silver, Gold, Rose gold  
 Voltage: DC12V/AC220V

**SMART TOUCH SWITCH**

Size: 88x88mm  
 Material for panel: Toughened glass panel  
 Color: Black, Champagne, Brown, Silver, Gold, Rose gold  
 Material for frame: PC  
 Voltage: DC12V/AC220V  
 Wake up Function with waving



DBS-02 ABC

**DOOR BELL**

Voltage: DC12V/AC220V  
 Material: PC

**Funtions:**

Door Bell system installed outside of hotel room, showing "Do not disturb" and "Make up room" information. It is controlled by a inner switch(controller), which installed inside of the room. Your guests can indicate via an indoor panel if they do not want to be disturbed or that the room can be cleaned. Equipped with high-quality touchscreen system with LED background lighting. Staff immediately sees if the guest does not want to be disturbed or that the room can be cleaned.

A bell is combined in controller, there is a "bell" switch on the outside panel, press it, if the "Do not disturb" switch is off, it will ring.

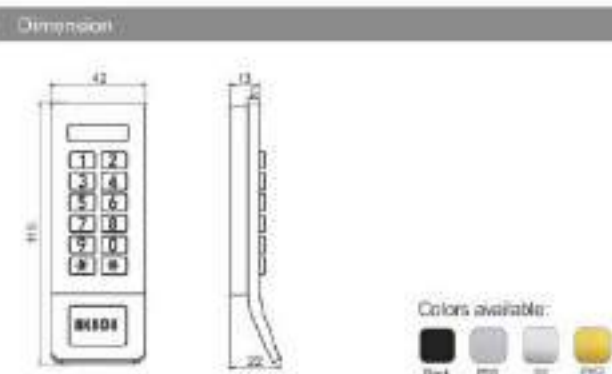


BX01



Model Number	Dimensions		Locking Bolts		Color	Shelves	Weight(kg)
	H*W*D(mm)	H*W*D(inch)	Dty(mm)	Dia(Inch)			
BX01	250*350*250	9.84*13.78*9.84	2	18	Quartz powder coat black	/	5.8

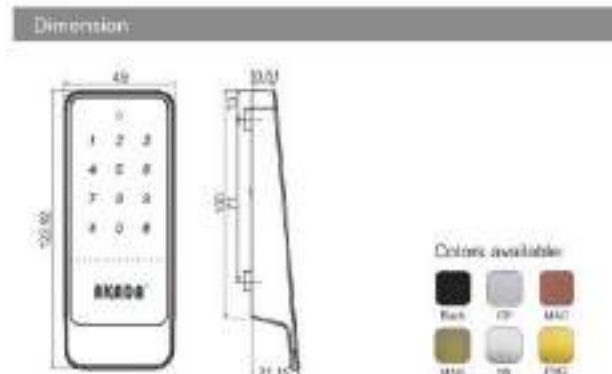




### CDL-08

Technical Parameters	
Power supply	3x AA alkaline batteries
Static current	<20uA
Dynamic current	<200mA
Working temperature	-15~+55°C
Working humidity	20-95%RH
Alarm voltage	3.7±0.2V
Door thickness	>1mm

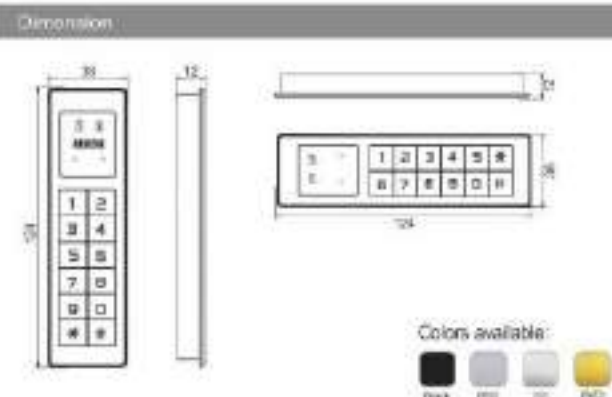
- Features
- Secure control by level management;
  - Permanent code or one-time code convertible;
  - Keypad with backlight for easy distinction;
  - Indicator blinks while in locked status;
  - Wrong code or illegal card alarm;
  - Low voltage alarm;
  - Anti-picked (prized) alarm;
  - External power back up;
  - Suitable for any thin or thick door;
  - Stainless steel 304 material.



### CDL-12

Technical Parameters	
Power supply	3x AA alkaline batteries
Static current	<25uA
Dynamic current	<200mA
Working temperature	-15~+55°C
Working humidity	20-95%RH
Alarm voltage	3.7±0.2V
Door thickness	>10mm

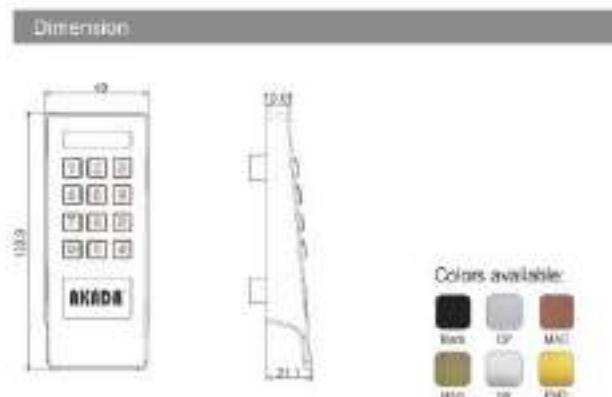
- Features
- Appearance design with patent;
  - Secure control by level management;
  - Touch screen digital with card type;
  - Multiple unlock modes: one-time code, permanent code, user card or mobile phone;
  - Indicator blinks while in locked status;
  - Wrong code or illegal card alarm;
  - Low voltage alarm;
  - Anti-picked (prized) alarm;
  - External power back up (USB port);
  - Zinc alloy material;



### CDL-09

Technical Parameters	
Power supply	3x AA alkaline batteries
Static current	<20uA
Dynamic current	<200mA
Working temperature	-15~+55°C
Working humidity	20-95%RH
Alarm voltage	3.7±0.2V
Door thickness	>1mm

- Features
- Secure control by level management;
  - Master card & user code;
  - Permanent code or one-time code convertible;
  - Keypad with backlight for easy distinction;
  - Indicator blinks while in locked status;
  - Wrong code or illegal card alarm;
  - Low voltage alarm;
  - Anti-picked (prized) alarm;
  - External power back up;
  - Match with rear panel;
  - Suitable for any cabinet or furniture use;
  - Stainless steel 304 material.



### CDL-12K

Technical Parameters	
Power supply	3x AA alkaline batteries
Static current	<20uA
Dynamic current	<200mA
Working temperature	-15~+55°C
Working humidity	20-95%RH
Alarm voltage	3.7±0.2V
Door thickness	>10mm

- Features
- Secure control by level management;
  - Permanent code or one-time code convertible;
  - Keypad with backlight for easy distinction;
  - Indicator blinks while in locked status;
  - Wrong code or illegal card alarm;
  - Anti-picked (prized) alarm;
  - Low voltage alarm;
  - External power back up (USB port);
  - Zinc alloy material;

# Test Verification of Conformity

In the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the tests were carried out. This verification is part of the full test report(s) and should be read in conjunction with them.

**Applicant Name & Address:** WENZHOU AKADA FOREIGN TRADE CO., LTD.  
EAST, ROOM 2001, BUILDING 5, DAZIRANJIAYUAN, TANGJIAQIAO  
ROAD, WENZHOU CITY, CHINA

**Product Description:** Hinge

**Ratings & Principle Characteristics:** Grade 2 (2,500,000 cycles)

**Models:** AKBH-4.5\*4\*3.4

**Relevant Standards:** ANSI/BHMA A156.1:2016 American National Standard for Butts and Hinge

**Verification Issuing Office:** Intertek Testing Services Shenzhen Ltd. Guangzhou Branch,  
No. 9 Nan Xiang San Road, GETDD, Guangzhou, China.

**Date of Tests:** February 22, 2017 to June 19, 2017

**Test Report Number(s):** 170804004G2U-001

**Signature:**   
**Name:** Jeff Deng  
**Position:** Assistant manager  
**Issuing Office:** Building & Construction  
**Date:** 10/08/2017

This verification is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this verification. Only the Client is authorized to permit copying or distribution of this verification. Any use of the Intertek name or logo for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test/inspection results referenced in this verification are relevant only to the sample tested/inspected. This verification by itself does not imply that the material, product, or service is in full compliance with the applicable standard/program.

## CERTIFICATE OF COMPLIANCE

**Certificate Number:** 20190805-R39885  
**Report Reference:** R39885-20190507  
**Issue Date:** 2019-AUGUST-05

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

SS-04-4.5x4.0x3.0, SS-04-4.5x4.0x3.4, SS-04-4.5x4.5x3.0, SS-04-4.5x4.5x3.4, SS-04-4.0x3.0x3.0, SS-04-4.0x3.5x3.0, SS-04-4.0x4.0x3.0, SS-04-4.5x4.0x4.6, SS-04-4.5x4.5x4.6, SS-04-5x4.0x3.4, SS-04-5x4.5x3.4, SS-04-5.0x4.0x4.6, SS-04-5.0x4.5x4.6, SS-04-5.0x5.0x4.6, SS-04-5.0x3.5x3.0, SS-04-5.0x3.0x3.0, SS-04-5.0x4.0x3.0

## CERTIFICATE OF COMPLIANCE

**Certificate Number:** 20190805-R39885  
**Report Reference:** R39885-20190507  
**Issue Date:** 2019-AUGUST-05

**Issued to:** WENZHOU AKADA FOREIGN TRADE CO., LTD  
EASTROOM 2001, BUILDING 5, DAZIRANJIAYUAN,  
TANGJIAQIAO ROAD  
WENZHOU, ZHEJIANG CHINA

**This certificate confirms that representative samples of** Door Hinges  
See addendum page for models

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 10C, Positive Pressure Fire Tests of Door Assemblies  
**Additional Information:** See the UL Online Certifications Directory at <https://q.ulprospector.com> for additional information.

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

**Signature:**   
Intertek Testing Services Shenzhen Ltd. Guangzhou Branch

Any information and documentation regarding UL Mark services are provided by UL (UL 10C 2012) or any applicable standard. For questions, please contact your UL Customer Service Representative at [ULCustomerService@ul.com](mailto:ULCustomerService@ul.com)





The hinges in this catalogue are divided into the following groups:

Butt hinges  
For interior doors  
Spring hinges for interior doors  
Double action spring hinges for interior doors  
Concealed mortise hinges

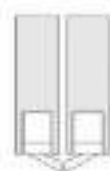
The section frame and wing parts contains individual components of door hinges, where only the combination thereof make up a complete door hinge. 2-piece and 3-piece frame and wing parts can be combined into door hinges for steel and for wooden frames. Butt hinges are screwed onto the frame or door panel which have been mortised, or screwed to the door construction.

#### Installation situation

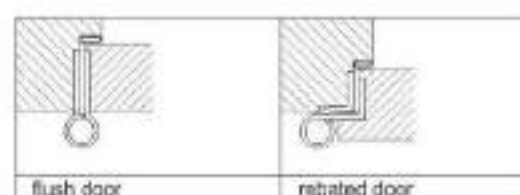
The installation situation of a door includes the door rebate, the frame material, the type of frame as well as the opening direction of the door. The difference between flush and rebated doors is explained in the following illustrations.



Butt hinge



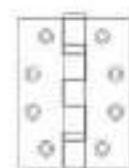
Concealed mortise hinge



flush door

rebated door

#### Hole Options



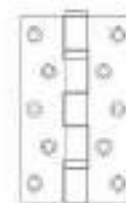
Template



Zig-Zag  
(Right)



Zig-Zag  
(Left)



Zig-Zag  
(Symmetrical)

#### PIN Options



Fixed Pin  
(FP)



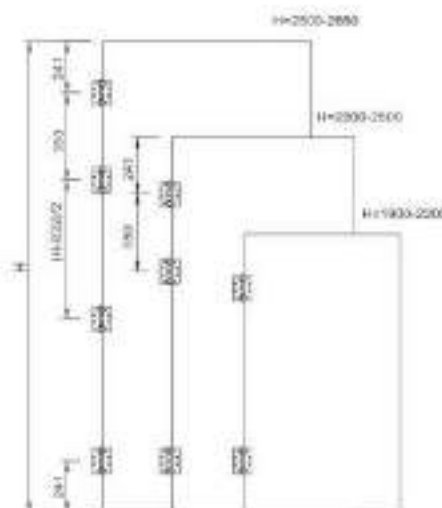
Loose Pin  
(LP)



Loose Non-rising Pin  
(LNP)



Non Removable Pin  
(NRP)



recommendation: 3 pieces per door

2.0mm hinge: 25-40kgs per door  
2.5mm hinge: 40-60kgs per door  
3.0mm hinge: 60-80kgs per door  
3.5mm hinge: 80-120kgs per door  
4.0mm hinge: 120-150kgs per door

#### 4 BB ANSI Hinge

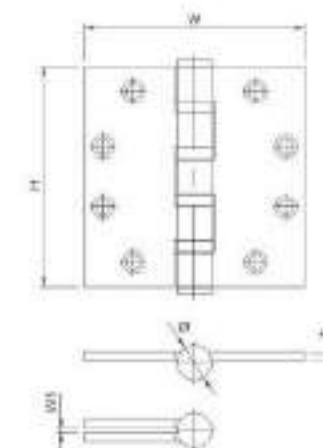


SS-04 SS



ANSI/BHMA A 156.1 Grade 2  
For Wooden and metal frames  
Hole shape: Template  
Material: Stainless steel  
Finish: US2B/US2B/US32/US32D  
Swaging:  
standard W1= 1/16" (1.6-2.0mm)

Art No.	H	W	T
AKBH-5"4"3.4	5.0"	4.0"	3.4mm
AKBH-4.5"4"3.4	4.5"	4.0"	3.4mm



#### 2 BB ANSI Hinge

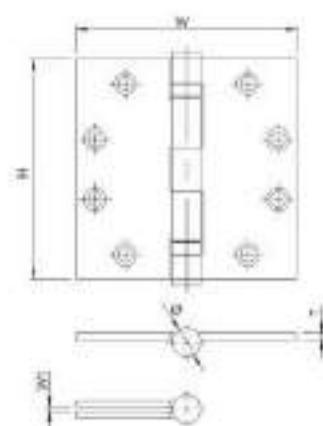


SS-04 SS



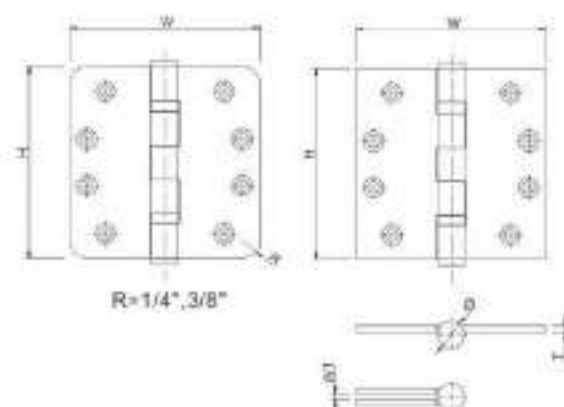
ANSI/BHMA A 156.1 Grade 2  
For Wooden and metal frames  
Hole shape: Template  
Material: Stainless steel  
Finish: US2B/US2B/US32/US32D  
Swaging:  
standard W1= 1/16" (1.6-2.0mm)

Art No.	H	W	T
SS-04-4.5x4.0x3.0	4.5"	4.0"	3.0mm
SS-04-4.5x4.0x3.4	4.5"	4.0"	3.4mm
SS-04-4.5x4.5x3.0	4.5"	4.5"	3.0mm
SS-04-4.5x4.5x3.4	4.5"	4.5"	3.4mm
SS-04-4.0x3.0x3.0	4.0"	3.0"	3.0mm
SS-04-4.0x3.5x3.0	4.0"	3.5"	3.0mm
SS-04-4.0x4.0x3.0	4.0"	4.0"	3.0mm
SS-04-4.5x4.0x4.6	4.5"	4.0"	4.6mm
SS-04-4.5x4.5x4.6	4.5"	4.5"	4.6mm
SS-04-5.0x4.0x3.4	5.0"	4.0"	3.4mm
SS-04-5.0x4.5x3.4	5.0"	4.5"	3.4mm
SS-04-5.0x4.0x4.6	5.0"	4.0"	4.6mm
SS-04-5.0x4.5x4.6	5.0"	4.5"	4.6mm
SS-04-5.0x5.0x4.6	5.0"	5.0"	4.6mm
SS-04-5.0x3.5x3.0	5.0"	3.5"	3.0mm
SS-04-5.0x3.0x3.0	5.0"	3.0"	3.0mm
SS-04-5.0x4.0x3.0	5.0"	4.0"	3.0mm





SS-02 SS



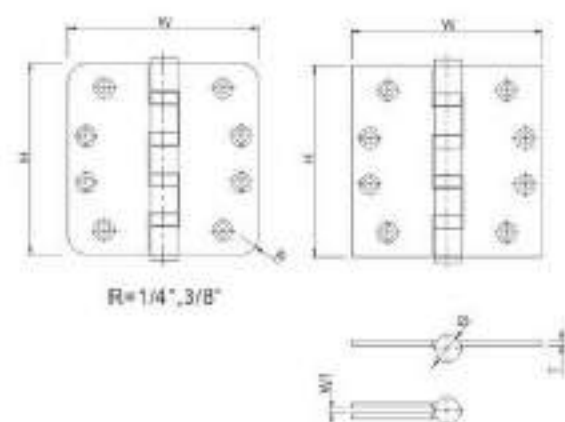
2 Ball bearing hinge  
EN 1935:2002 & EN 1634-1:2003  
Grade : 4 7 6 1 1 4 0 13  
For wooden and metal frames  
Hole shape: template  
Material: stainless steel  
Finish: sss/pss/pvd  
Swaging :  
standard W1=2.5-3.0mm  
optional W1=1.6-2.0mm

Art No.	H	W	T
AKBH4.543	4.5"	4.0"	3.0mm
AKBH533	5.0"	3.0"	3.0mm
AKBH533.5	5.0"	3.0"	3.5mm
AKBH4.543.5	4.5"	4.0"	3.5mm
AKBH433	4.0"	3.0"	3.0mm
AKBH43.53	4.0"	3.5"	3.0mm
AKBH443	4.0"	4.0"	3.0mm
AKBH4.54.53.5	4.5"	4.5"	3.5mm

Note: for hinges with round corners, the model no.  
Will be changed to AKBHxxxxxxR



SS-03 4BB SS



4 Ball bearing hinge  
For wooden and metal frames  
Hole shape: template  
Material: stainless steel  
Finish: sss/pss/pvd  
Swaging :  
standard W1=2.5-3.0mm  
optional W1=1.6-2.0mm

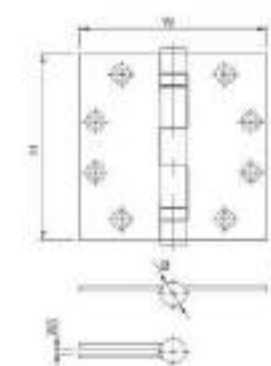
Art No.	H	W	T
SS-03-4.0x3.0x2.0	4.0"	3.0"	2.0mm
SS-03-4.0x3.0x2.5	4.0"	3.0"	2.5mm
SS-03-4.0x3.5x2.5	4.0"	3.5"	2.5mm
SS-03-4.0x3.0x3.0	4.0"	3.0"	3.0mm
SS-03-4.0x3.5x3.0	4.0"	3.5"	3.0mm
SS-03-4.0x4.0x2.5	4.0"	4.0"	2.5mm
SS-03-4.0x4.0x3.0	4.0"	4.0"	3.0mm
SS-03-4.5x4.0x3.0	4.5"	4.0"	3.0mm
SS-03-4.5x4.5x3.0	4.5"	4.5"	3.0mm
SS-03-5.0x3.0x3.0	5.0"	3.0"	3.0mm
SS-03-5.0x3.5x3.0	5.0"	3.5"	3.0mm
SS-03-5.0x4.0x3.0	5.0"	4.0"	3.0mm

Note: for hinges with round corners, the model no.  
Will be changed to SS-03xxxxxxR

## SS-03 2BB SS

BEARING HINGE  
SURFACE TREATMENT:  
SS/PSS/AB/ACP/PD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

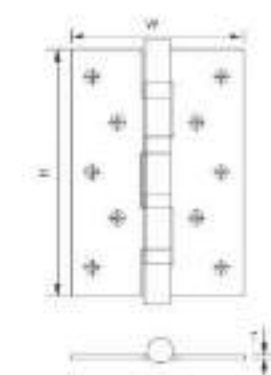
Dimension(HxWxT)	Dimension(HxWxT)
4.0"x3.0"x2.0mm	6.0"x5.0"x3.0mm
4.0"x3.5"x2.0mm	4.5"x4.0"x3.5mm
4.0"x4.0"x2.0mm	4.5"x4.5"x3.5mm
4.0"x3.0"x2.5mm	5.0"x5.0"x3.5mm
4.0"x4.0"x2.5mm	4.0"x3.5"x4.0mm
5.0"x3.0"x2.5mm	4.5"x4.5"x4.0mm
4.5"x4.0"x3.0mm	5.0"x3.0"x4.0mm
4.5"x4.5"x3.0mm	5.0"x4.0"x4.0mm
5.0"x3.0"x3.0mm	6.0"x4.0"x4.0mm
5.0"x4.0"x3.0mm	5.0"x4.0"x4.5mm
6.0"x3.0"x3.0mm	5.0"x4.5"x4.5mm



## SS-05 SS

BEARING HINGE  
SURFACE TREATMENT:  
SS/PSS/AB/ACP/PD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

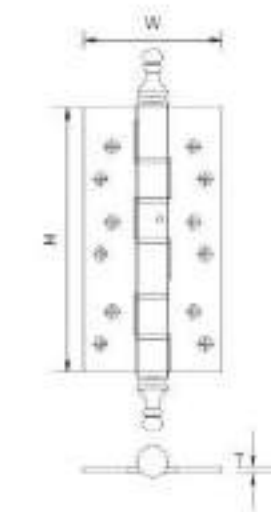
Dimension(HxWxT)	Bearing
6"x4"x3.5mm	4BB
6"x4"x4mm	4BB
8"x4"x3.0mm	4BB
8"x4"x3.5mm	4BB
8"x4"x4.0mm	4BB



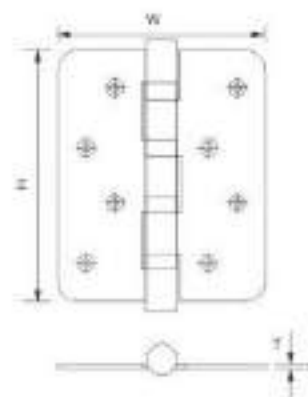
## SS-12 PVD

BEARING HINGE  
SURFACE TREATMENT:  
SS/PSS/AB/ACP/PD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

Dimension(HxWxT)	Bearing
6.5"x3.5"x4mm	4BB



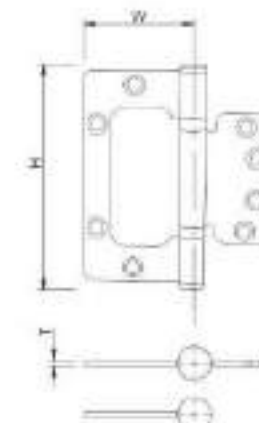




### SS-01R SS

**ROUND CORNER HINGE**  
SURFACE TREATMENT:  
SS/PSS/AR/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

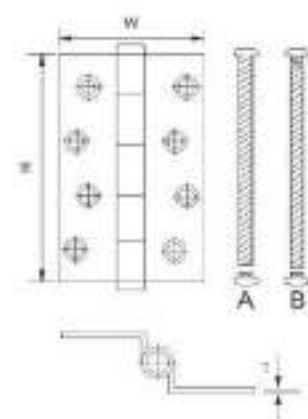
Dimension(HxWxT)	Bearing
4"x3"x2.5mm	400/200
4"x3"x2.5mm	400/200
4"x3"x3.0mm	400/200
4"x3"x3.5mm	400/200



### SS-14 SS

**BEARING HINGE**  
SURFACE TREATMENT:  
SS/PSS/AR/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

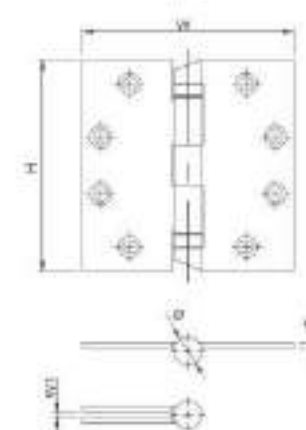
Dimension(HxWxT)	Bearing
4.0"x3.5"x2.5mm	200



### SS-07 SS

**OFFSET HINGE**  
SURFACE TREATMENT:  
SS/PSS/AR/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

Dimension(HxWxT)	Bearing
4"x3"x3.0mm	200
4"x3.5"x3.0mm	200

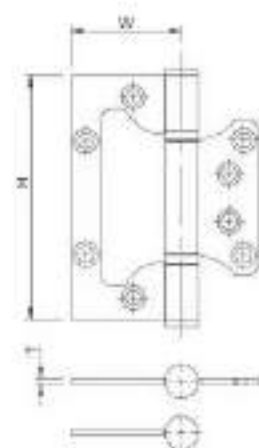


### SS-15 SS

**BEARING HINGE**  
SURFACE TREATMENT:  
SS/PSS/AR/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

Dimension(HxWxT)	Bearing
4.5"x4.0"x3.4mm	200
4.5"x4.5"x3.4mm	200

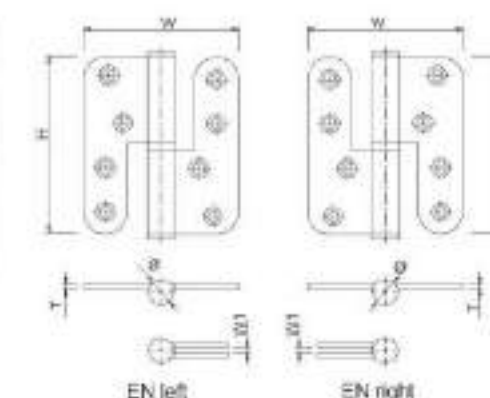
### Flush hinge



### SS-08 SS

**BEARING HINGE**  
SURFACE TREATMENT:  
SS/PSS/AR/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

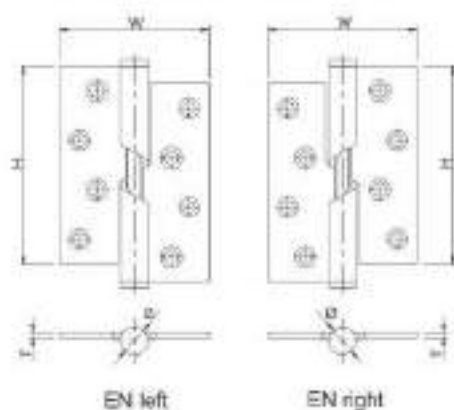
Dimension(HxWxT)	Bearing
4.0"x3.0"x2.5mm	200
4.0"x3.5"x2.5mm	200
4.0"x3.5"x2.0mm	200



### SS-21 SS

**BEARING HINGE**  
SURFACE TREATMENT:  
SS/PSS/AR/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

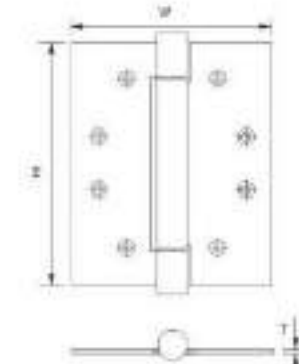
Dimension(HxWxT)	Bearing
100x86x3.0mm	



### SS-09 SS

**RISING HINGE**  
SURFACE TREATMENT:  
SS/PS/AB/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, long life

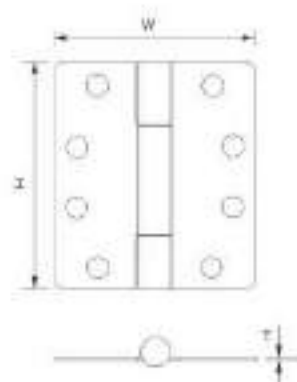
Dimension(HxWxT)
4"x3"x2.0mm
4"x3"x3.0mm
4"x2.5"x2.0mm



### SS-10A SS

**SINGLE ACTION HINGE**  
SURFACE TREATMENT:  
SS/PS/AB/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, long life

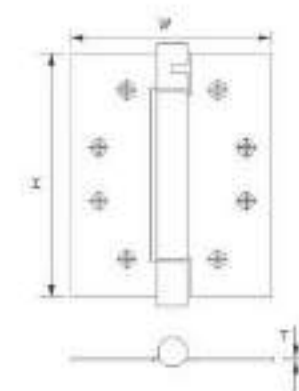
Dimension(HxWxT)	Dimension(HxWxT)
4"x3"x2.0mm	4"x4"x2.5mm
4"x2"x3.0mm	4"x4"x2.7mm
4"x2.5"x3.0mm	4"x4"x3.0mm
4"x4"x3.0mm	4.5"x4"x3.4mm
	4.5"x4.5"x3.4mm



### SS-18 SS

**BEARING HINGE**  
SURFACE TREATMENT:  
SS/PS/AB/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, long life

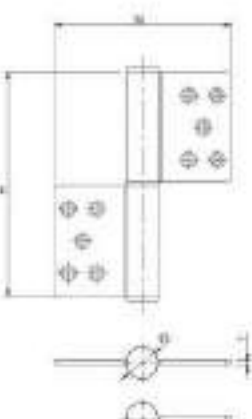
Dimension(HxWxT)
4.0"x3.5"x2.0mm
4.0"x3.5"x2.5mm
4.0"x3.5"x3.0mm
4.0"x3.5"x3.5mm
4.0"x3.5"x4.0mm



### SS-10B SS

**SINGLE ACTION HINGE**  
SURFACE TREATMENT:  
SS/PS/AB/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, long life

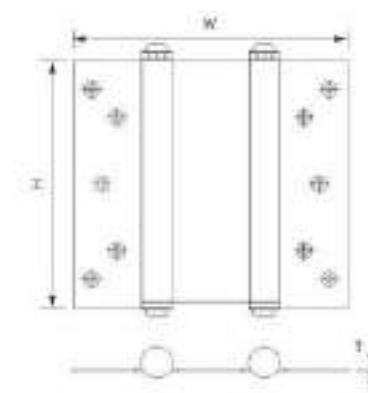
Dimension(HxWxT)	Dimension(HxWxT)
4"x3"x2.0mm	4"x4"x2.5mm
4"x3"x3.0mm	4"x4"x2.7mm
4"x2.5"x3.0mm	4"x4"x3.0mm
4"x4"x3.0mm	4.5"x4"x3.4mm
	4.5"x4.5"x3.4mm



### SS-20 SS

**BEARING HINGE**  
SURFACE TREATMENT:  
SS/PS/AB/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, long life

Dimension(HxWxT)
4.0"x3.0"x2.5mm
4.0"x3.5"x3.0mm
5.0"x3.5"x3.0mm
5.0"x4.0"x3.0mm

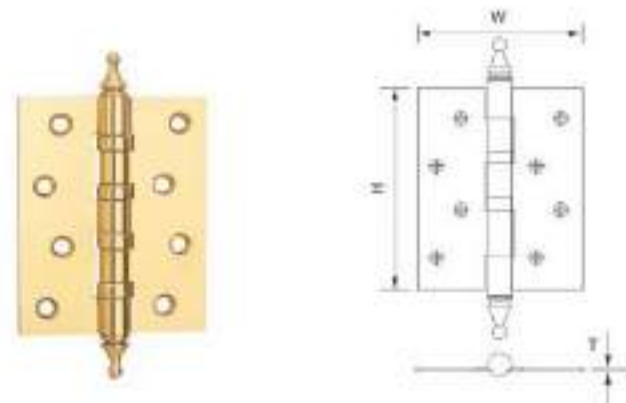


### SS-11

**DOUBLE ACTION HINGE**  
SURFACE TREATMENT:  
SS/PS/AB/AC/PVD  
MATERIAL:  
Stainless steel (304/201)  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, long life

Dimension(HxWxT)
4"
5"
6"

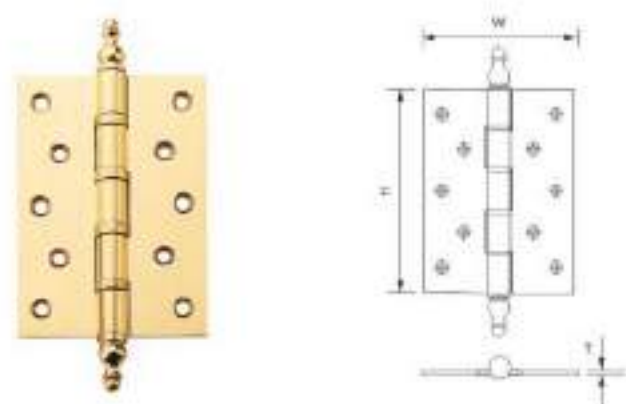




### BH-01

SURFACE TREATMENT:  
SV/CF/AB/AC/PS  
MATERIAL:  
Brass  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

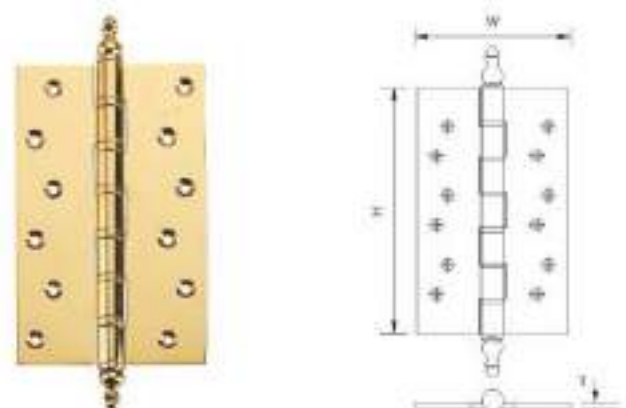
Dimension(HxWxT)	Bearing
4"x3"x2.5mm	400/200
4"x3"x3.0mm	400/200
4"x3"x4.0mm	400/200
4"x3.5"x3.0mm	400/200



### BH-02

SURFACE TREATMENT:  
SV/CF/AB/AC/PS  
MATERIAL:  
Brass  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

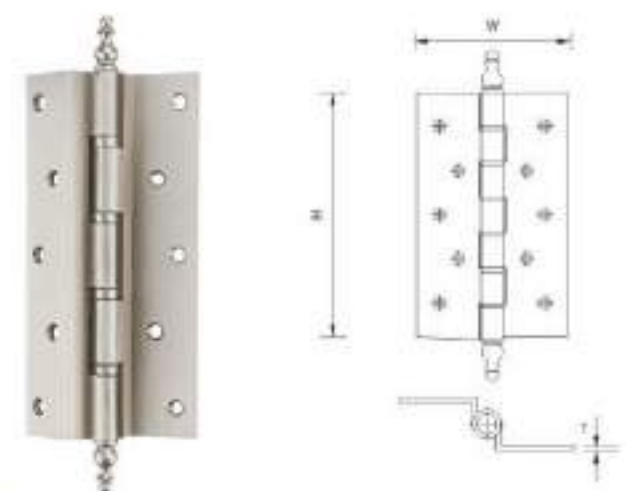
Dimension(HxWxT)	Bearing
8"x4"x4mm	400



### BH-03

SURFACE TREATMENT:  
SV/CF/AB/AC/PS  
MATERIAL:  
Brass  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

Dimension(HxWxT)	Bearing
8"x4"x4.0mm	400
8"x5"x4.0mm	400



### BH-04

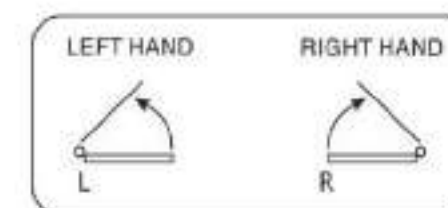
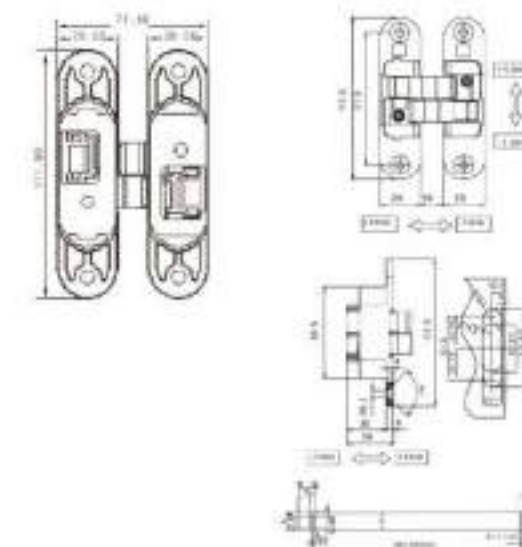
SURFACE TREATMENT:  
SV/CF/AB/AC/PS  
MATERIAL:  
Brass  
AVAILABLE FOR:  
All kinds of wooden gate door, room door  
FEATURES:  
Switching flexibility, No noise, Long life

Dimension(HxWxT)	Bearing
3"x2.5"x2.5mm	200
4"x3"x3.0mm	200/400
4"x3.5"x4.0mm	200/400
5"x3.5"x4.0mm	200/400
6"x4"x4.0mm	400
6"x4"x4.5mm	400
8"x4"x4.0mm	400
8"x4"x4.5mm	400



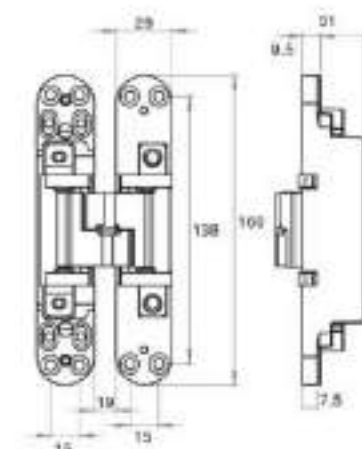
### ACH 001 (Left) ACH 002 (Right)

Material:	Zinc alloy
Finish:	SC, SN, CP, NP, AB, AC, etc.
Area of application:	For wooden frames, for steel frames, for aluminum frames, etc.
Installation:	Door weight : ≤60 kg with 3 door hinges
Opening angle:	≤180°
Door width:	≤1000mm
Door thickness:	≥40mm
Door height:	≥2100mm with 4 door hinges
Size:	110mm
Adjustment facility:	Continuously 3D adjustable
Height ±1.5 mm, side and closing pressure ±1 mm	
Mounting:	Suitable for DIN left hand, DIN right hand



### ACH007

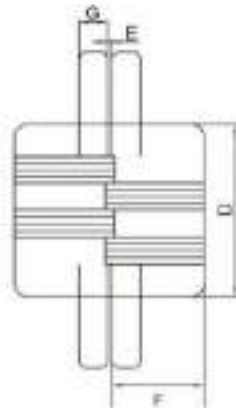
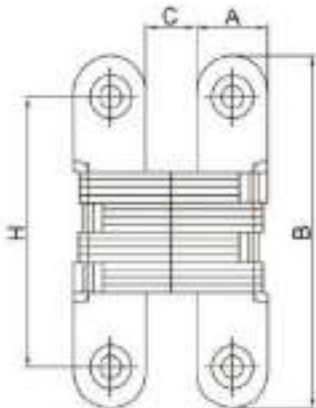
Material:	S5304
Finish:	SC, SN, CP, NP, AB, AC, etc.
Area of application:	For wooden frames, for steel frames, for aluminum frames, etc.
Installation:	Door weight : ≤66 kg with single door hinges
Opening angle:	≤180°
Door width:	≤1000mm
Door thickness:	≥40mm
Size:	160mm
Adjustment facility:	Continuously 3D adjustable
Height and side ±3 mm, closing pressure ±1 mm	
Mounting:	Suitable for DIN left hand and DIN right hand





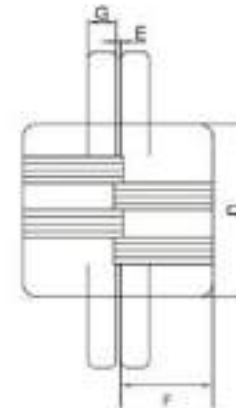
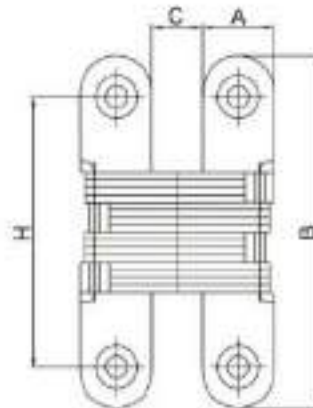
Dimension (mm)	Zinc Alloy Shell Stainless Steel Core Concealed Hinge Parameter										
	ZCH001	ZCH002	ZCH003	ZCH004	ZCH005	ZCH006	ZCH007	ZCH008	ZCH009	ZCH010	ZCH011
	34X140	28X118	25X118	19X95	16X70	13X60	13X45	28X118	28X118	28X118	19X118
A	34	28	25	19	16	13	13	28	25	28	19
B	139.5	117.5	117.5	95	70	60	45	117.5	117.5	117.5	95
C	27.5	22	18	13	11	9	9	25	18	22	13
D	74.5	61.5	64	51.2	34	30	19	61.5	64	61.5	51.2
E	1.6	1.4	1.6	1.2	0.8	0.8	0.8	1.4	1.6	1.4	1.2
F	51	41	36	27	22.5	18	18	44	36	41	27
G	11.5	9.5	11	9	7	6	5	12	11.5	9.5	9
H	outer hole 113.5 inner hole 102.5	outer hole 93 outer hole 87	90	73	51	47	30.5	90	90	outer hole 93 inner hole 87	73
Door thickness	50mm	40mm	35mm	30mm	25mm	20mm	20mm	40mm	35mm	40mm	30mm
Each weight g/pc	1400g	785g	650g	310g	160g	85g	55g	800g	630g	1090g	276g
Bearing weight kg/pc	50kg	40kg	30kg	25kg	15kg	10kg	5kg	25kg	30kg	40kg	25kg

Installation: 3pcs for a door, it depends on door thick, weight, and actual situation.



Dimension (mm)	Full Stainless Steel Concealed Hinge Parameter									
	SCH001	SCH002	SCH003	SCH004	SCH005	SCH006	SCH007	SCH008	SCH002B	SCH003B
	34X140	28X118	25X118	19X95	16X70	28X118	25X118	19X95	28X118	25X118
A	34	28	25	19	16	28	25	19	28	25
B	139.5	118	118	95	70	118	118	95	118	118
C	27.5	22	18	13	11	22	18	13	22	18
D	74.5	61.5	65.3	52.2	34	61.5	65.3	52.5	61.5	65.3
E	1.6	1.4	1	1.2	0.8	1.4	1	1.2	1.4	1
F	51	41	36.5	27	22.5	41	36.5	27	41	36.5
G	11.5	9.5	11.3	9	7.4	9.5	11.3	9	9.5	11.3
H	outer hole 113.5 inner hole 102.5	outer hole 93 inner hole 88	90.5	73	51	outer hole 93 inner hole 88	90.5	73	outer hole 93 inner hole 88	90.5
Door thickness	50mm	40mm	35mm	30mm	25mm	40mm	35mm	30mm	40mm	35mm
Each weight g/pc	1400g	885g	655g	375g	160g	1140g	635g	341g	885g	665g
Bearing weight kg/pc	50kg	40kg	30kg	25kg	15kg	40kg	30kg	25kg	40kg	30kg

Installation: 3pcs for a door, it depends on door thick, weight, and actual situation.





## CERTIFICATE OF COMPLIANCE

Certificate Number 20180914-R39628  
Report Reference R39628-20180906  
Issue Date 2018-SEPTEMBER-14

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

### Model/Product

For self-closing doors, surface mounted type, size 4- KC1032

For self-closing doors, surface mounted type, size 2- KC1001

For self-closing doors, surface mounted type, without hold-open feature, size 2-5- KC1005, KC1003

For self-closing doors, surface mounted type, without hold-open feature, size 1-8- KC1039 CW, KC1039 BW, KC1039 CWS, KC1039 BWS, KC1007

## CERTIFICATE OF COMPLIANCE

Certificate Number 20180914-R39628  
Report Reference R39628-20180906  
Issue Date 2018-SEPTEMBER-14

Issued to: WENZHOU AKADA FOREIGN TRADE CO., LTD  
EASTROOM 2001, BUILDING 5, DAZIRANJIAYUAN,  
TANGJIACIAO ROAD  
WENZHOU, ZHEJIANG CHINA

This is to certify that  
representative samples of  
Swinging Fire Door Closers  
See Addendum page

Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 228-Door Closers-Holders, With or Without Integral  
Smoke Detectors

Additional information: See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.

*B. M. M. S.*

UL 228  
Any alterations and discontinuation resulting in Mark changes are prohibited  
without approval of Customer Service Representative at [UL@ul.com](mailto:UL@ul.com)

*B. M. M. S.*

UL  
UL  
UL

Any alterations and discontinuation resulting in Mark changes are prohibited without approval of UL. For questions, please  
contact your UL Customer Service Representative at [UL@ul.com](mailto:UL@ul.com)



## Overhead Door Closers With arm

AKADA®



### KC1001 Series

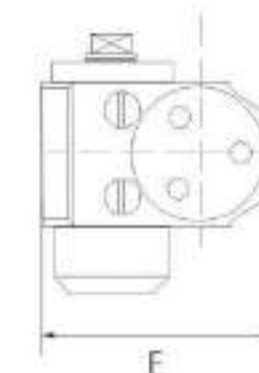
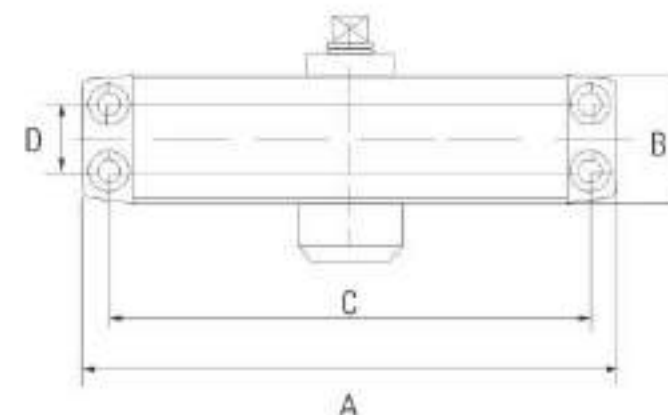
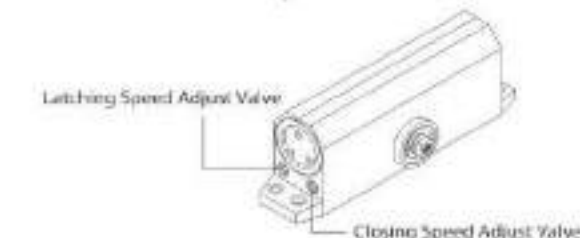
Main parameter						
Product model	Overall dimension			Mounting hole dimension		Applicable door weight (kg)
	A	B	C	D	E	
KC1000-AW/AD	148	37.5	57	132	19	15-30
KC1000-2-AW/AD	148	37.5	57	132	19	25-45
KC1001-2-AW/AD	180	42	63	165	19	25-45
KC1001-3-AD	180	42	63	165	19	40-55
KC1002-3-AW/AD	186	44.5	67	168	19	40-65
KC1002-4-AW	186	44.5	67	168	19	60-85

Finishes:



- Light & Medium Duty Economical Model For Residential And Commercial Doors
- Adjustable Closing & Latching Speed
- Max Opening Angle 180°
- Non-Handed Installation
- Fixed Spring Force # 2, # 3 & # 4
- Adjustable Back Check Optional
- UL 228 Certification

Note: Installation As Per Template & Installation Instruction.





KC1055 Series

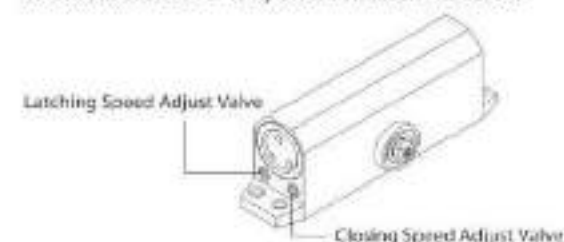
Model	Door Width	Door Weight
KC1055-2	850 mm	20-45 Kg
KC1055-3	950 mm	40-65 Kg
KC1055-4	1100 mm	60-85 Kg

Finishes :



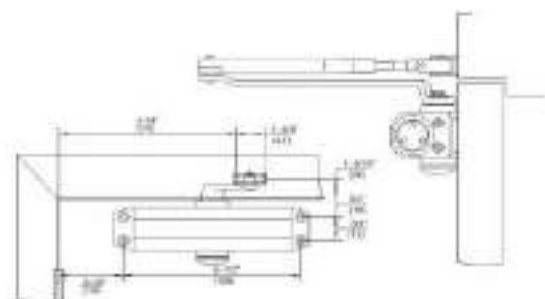
- Light & Medium Duty Economical Model For Residential And Commercial Doors
- Adjustable Closing & Latching Speed
- Fixed Spring Force # 2 & 3, Max Opening Angle 180°
- Fixed Spring Force # 4, Max Opening Angle 180°
- Non-Handed Installation
- Adjustable Back Check Optional
- UL 228 Certification
- UL 10C Certification 3 Hours Fire Rating
- BS EN1154 Certification 300,000 Life Cycles
- BS EN1634 Certification 90 mins Fire Rating

Note : Installation As Per Template & Installation Instruction.



#### Regular Arm Installation

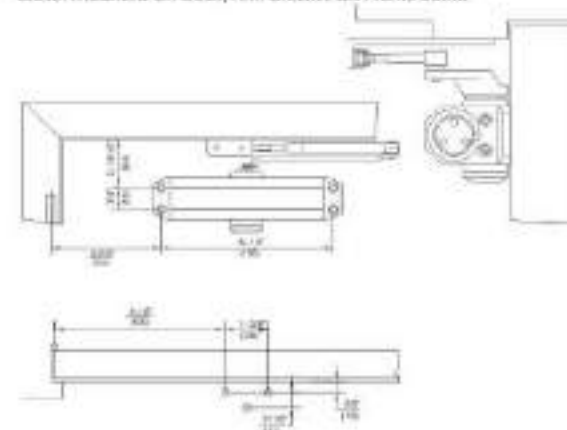
Closer Mounted On Door, Arm Bracket On Frame.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.

#### Parallel Arm Installation

Closer Mounted On Door, Arm Bracket On Frame Soffit.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.



KC1057 Series

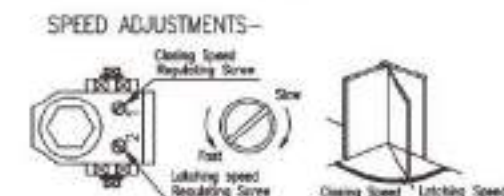
Model	Door Width	Door Weight
KC1057-3	850mm	40-65Kg
KC1057-4	1100mm	60-85Kg
KC1057-6	1200mm	80-120Kg
KC1057-8	1500mm	100-150Kg

Finishes :



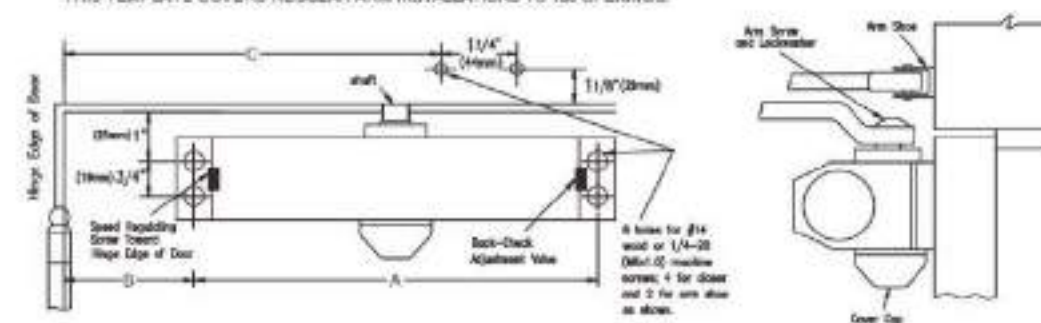
- Economical Model for Residential and Commercial Doors
- Precise Cast Aluminum Body & Steel Arm
- Adjustable Closing & Latching Speed
- Non-handed Installation
- Adjustable Back Check Optional
- UL 228 Certification
- UL 10C Certification 3 Hours Fire Rating

Note : Installation As Per Template & Installation Instruction.



#### STANDARD INSTALLATION CLOSER MOUNTED ON DOOR ON PULL SIDE

THIS TEMPLATE COVERS REGULAR ARM INSTALLATIONS TO 180° OPENING.



**RIGHT HAND DOOR ILLUSTRATED**  
Same dimensions apply for Left Hand Door measured from the hinge edge.

A	FOR OPENING TO 120°		FOR OPENING TO 120°-180°	
	B	C	B	C
B 3/16" 20mm	E 1/2" 12mm	F 1/2" 12mm	4 1/2" 114mm	18" 254mm





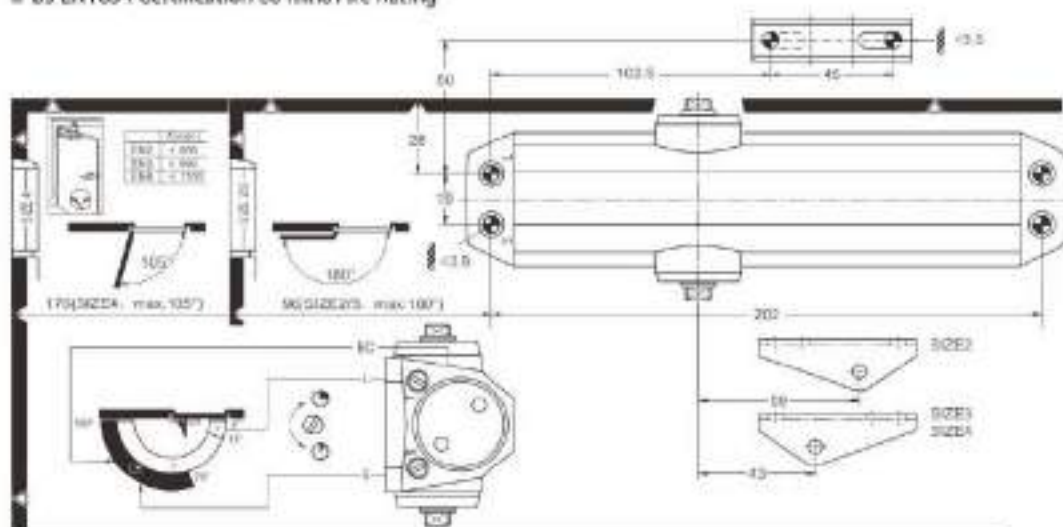
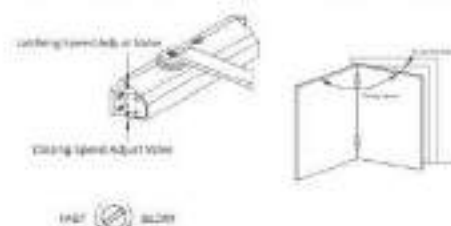
KC1058 Series

Model	Door Width	Door Weight
KC1058-2	850 mm	20-45 Kg
KC1058-3	950 mm	40-65 Kg
KC1058-4	1100 mm	60-85 Kg

Finishes :      

- Economical Model for Residential and Commercial Doors
- Precise Cast Aluminum Body & Steel Arm
- Adjustable Closing & Latching Speed
- Adjustable Back Check, Hold Open Function Optional
- Fixed Spring Force # 2, # 3, Max Opening Angle 180
- Fixed Spring Force # 4, Max Opening Angle 105
- Non-Handed Installation
- BS EN1154 Certification 500,000 Life Cycles
- BS EN1634 Certification 90 mins Fire Rating

Note : Installation As Per Template & Installation Instruction.



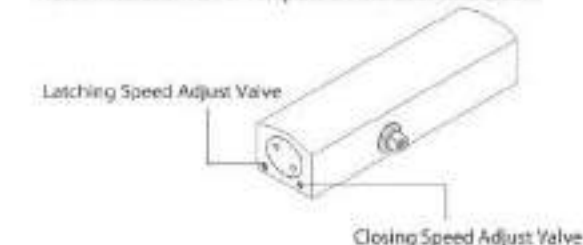
KC1059 Series

Model	Door Width	Door Weight
KC1059-3	950 mm	40-65 Kg
KC1059-4	1100 mm	60-85 Kg

Finishes :      

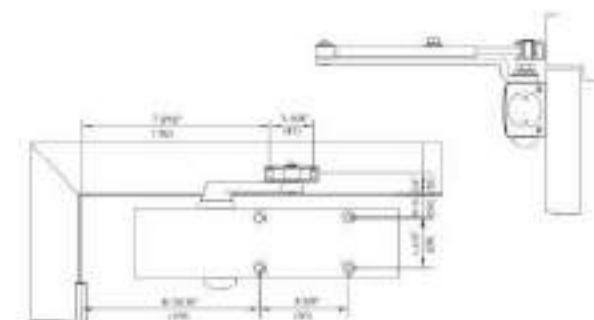
- European Style Designed For Residential And Commercial Doors
- Precise Cast Aluminum Body & Steel Arm, Sliding Track Arm Optional
- Adjustable Closing & Latching Speed
- Adjustable Back Check, Hold Open Function Optional
- Max Opening Angle 180
- Non-Handed Installation
- BS EN1154 Certification 500,000 Life Cycles
- BS EN1634 Certification 90 mins Fire Rating

Note : Installation As Per Template & Installation Instruction.



#### Regular Arm Installation

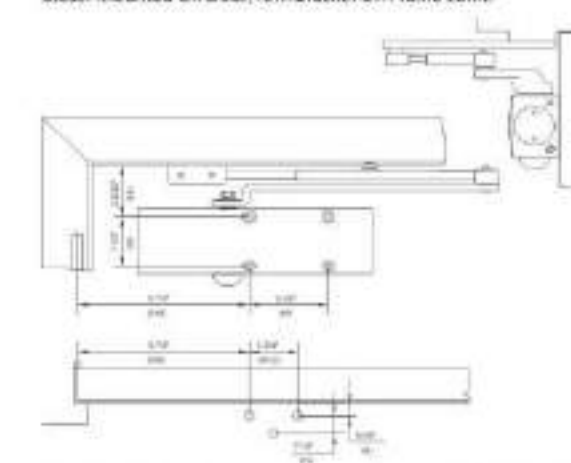
Closer Mounted On Door, Arm Bracket On Frame.



Right Hand Door Shows, Same Dimensions Apply To Left Hand Door.

#### Parallel Arm Installation

Closer Mounted On Door, Arm Bracket On Frame Soffit.



Right Hand Door Shows, Same Dimensions Apply To Left Hand Door.



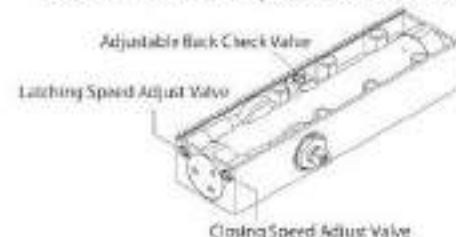
KC1200 Series

Model	Door Width	Door Weight
KC1200-3	850mm	80-85kg
KC1200-4	1100mm	80-85kg
KC1200-5	1250mm	80-120kg
KC1200-24	850-1100mm	25-85kg
KC1200-25	850-1250mm	25-100kg

Finishes :      

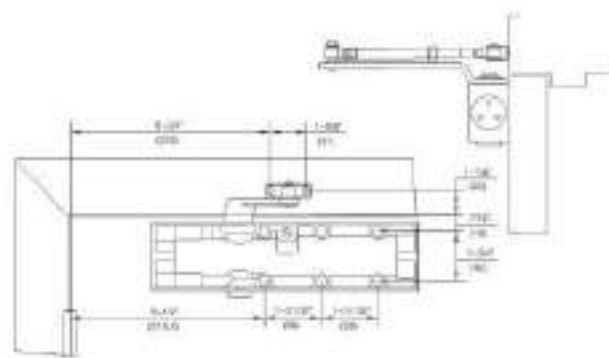
- European Style Designed Medium Duty Closer For Commercial Doors
- Precise Cast Aluminum Body & Steel Arm, Sliding Track Arm Optional
- Adjustable Closing & Latching Speed
- Adjustable Back Check, Hold Open Function Optional
- Non-Handed Installation
- Fixed Spring Force #3, #4 & #5, Adjustable Spring Force #2-4# 3-5
- BS EN1154 Certification 500,000 Life Cycles
- BS EN1634 Certification 90 mins Fire Rating

Note : Installation As Per Template & Installation Instruction



#### Regular Arm Installation

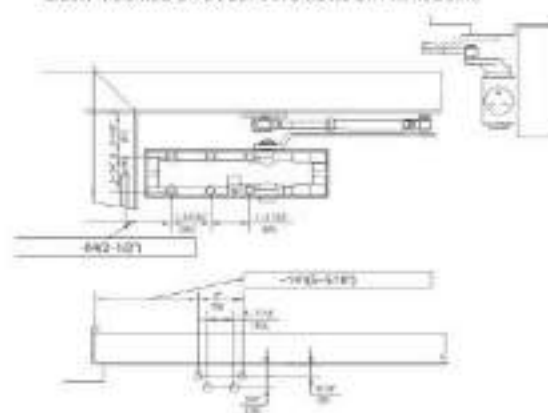
Closer Mounted On Door, Arm Bracket On Frame



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.

#### Parallel Arm Installation

Closer Mounted On Door, Arm Bracket On Frame Soffit



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.



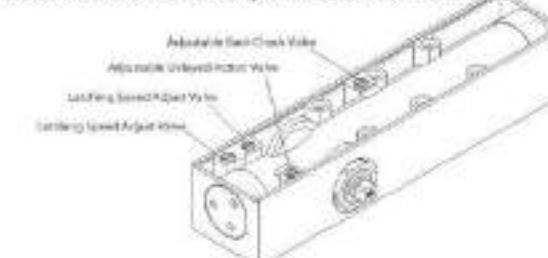
KC1300 Series

Model	Door Width	Door Weight
KC1300-36	950-1500mm	60-150kg

Finishes :      

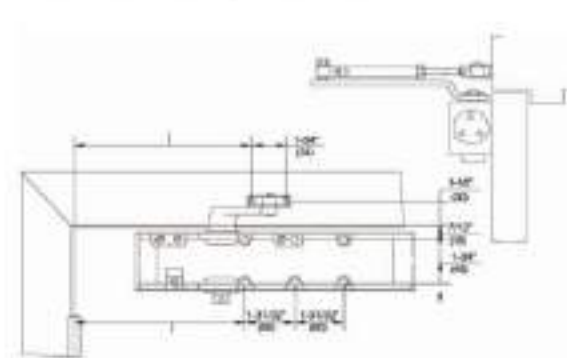
- For commercial use
- The product complies with the EN1154 standard design
- Adjustable closing & latching speed
- Max opening angle 180°
- Adjustable spring force #3-5
- Adjustable back check, delayed action function optional, Sliding track arm
- The product complies with the EN1154 standard design
- BS EN1634 Certification 90 mins fire rating pending.

Note : Installation As Per Template & Installation Instruction



#### Regular Arm Installation

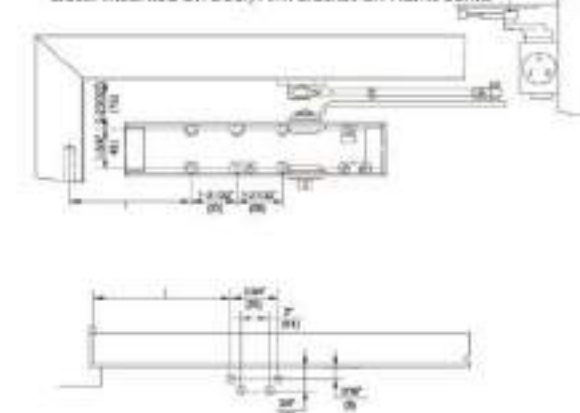
Closer Mounted On Door, Arm Bracket On Frame



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.

#### Parallel Arm Installation

Closer Mounted On Door, Arm Bracket On Frame Soffit



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.



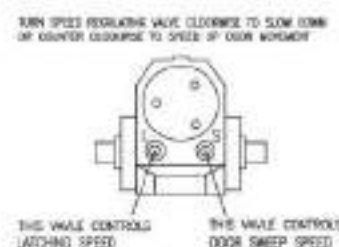


KC1400 Series

Model	Door Width	Door Weight
KC1400-3	950mm	40-60kg
KC1400-4	1100mm	60-85kg
KC1400-5	1200mm	90-120kg
KC1400-6	1500mm	100-150kg
KC1400-15	800-1200mm	40-120kg
KC1400-16	800-1500mm	45-150kg

Finishes :  Silver  Bronze  Brown  Black  Gold  White

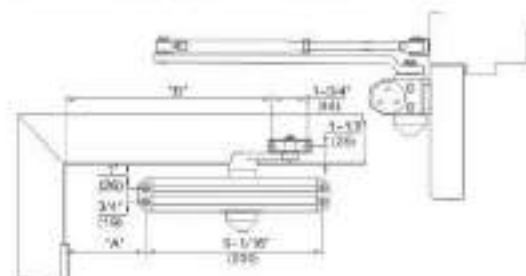
Note : Installation As Per Template & Installation Instruction.



- Traditional America Style Medium & Heavy Duty Closer For Commercial Doors
- Precise Cast Aluminum Body & Forged Steel Arm, Hold Open Arm Optional
- Adjustable Closing & Latching Speed
- Adjustable Back Check
- Delayed Action & Hold Open Function Optional
- Non-Handed Installation
- Fixed Spring Force #3, #4, BHMA/ANSI GRADE 3, 5 Hundred Thousands Life Cycle
- ANSI 156.4 Certification 2 Millions Life Cycle
- Adjustable Spring Force #1-5 & #1-6, BHMA/ANSI GRADE 1, 2 Millions Life Cycle
- UL10C Certification 3 Hours Fire Rating

#### Regular Arm Installation

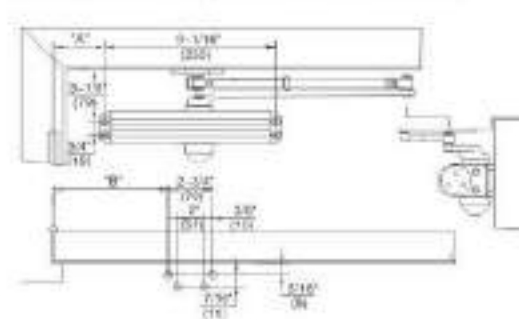
Closer Mounted On Door, Arm Bracket On Frame.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.

#### Parallel Arm Installation

Closer Mounted On Door, Arm Bracket On Frame Soffit.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.



KC1800 Series

Model	Door Width	Door Weight
KC1800-16	800-1500mm	45-150kg

Finishes :  Silver  Bronze  Brown  Black  Gold  White

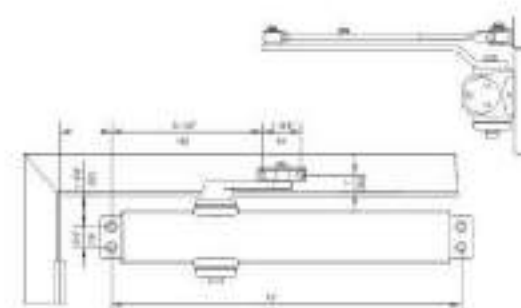
Note : Installation As Per Template & Installation Instruction.



- Popular America Style Heavy Duty Closer For Commercial Doors
- Precise Cast Aluminum Body & Steel Arm, Hold Open Arm Optional
- Adjustable Closing & Latching Speed
- Adjustable Back Check
- Delayed Action & Hold Open Function Optional
- Non-Handed Installation
- Adjustable Spring Force #1-6, BHMA/ANSI GRADE 1, 2 Millions Life Cycle
- UL10C Certification 3 Hours Fire Rating

#### Regular Arm Installation

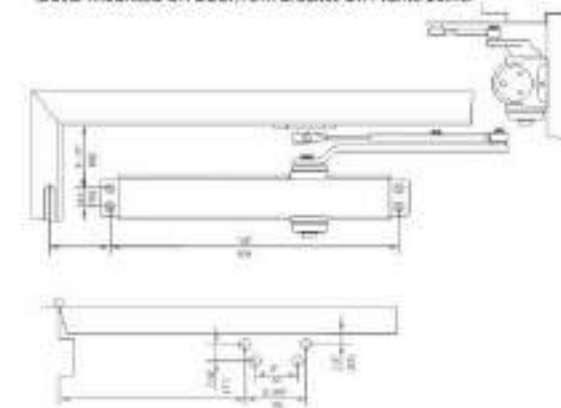
Closer Mounted On Door, Arm Bracket On Frame.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.

#### Parallel Arm Installation

Closer Mounted On Door, Arm Bracket On Frame Soffit.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.



KC1900 Series

Model	Door Width	Door Weight
KC1900-16	800-1500 mm	65-150 Kg

Finishes : Silver Bronze Brown Black Gold White

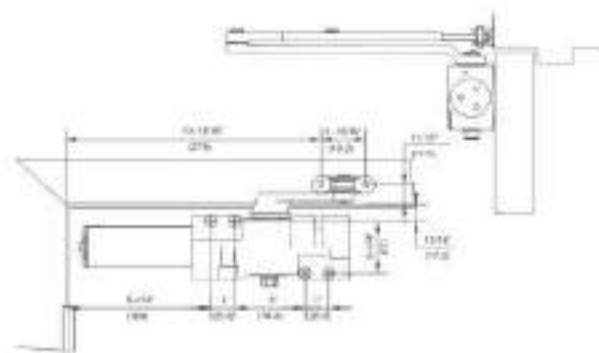
- Traditional America Style Heavy Duty Closer For Commercial Doors
- Precise Cast Iron Body & Forged Steel Arm, Hold Open Arm Optional
- Adjustable Closing & Latching Speed
- Adjustable Back Check
- Delayed Action & Hold Open Function Optional
- Non-Handed Installation
- Adjustable Spring Force #1-6, BHMA/ANSI GRADE 1, 2 Millions Life Cycle
- Decorative Plastic Cover & Steel Cover Optional
- UL10C Certification 3 Hours Fire Rating

Note : Installation As Per Template & Installation Instruction.



#### Regular Arm Installation

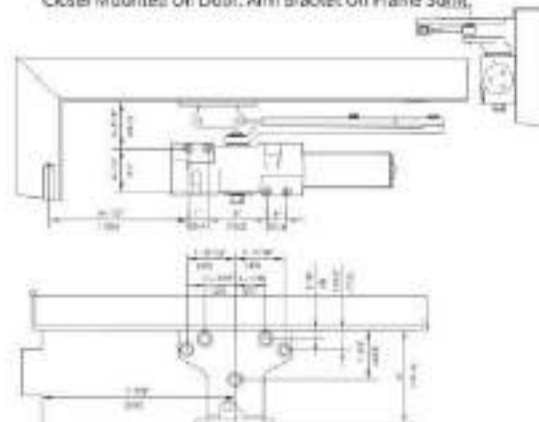
Closer Mounted On Door, Arm Bracket On Frame.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.

#### Parallel Arm Installation

Closer Mounted On Door, Arm Bracket On Frame Soffit.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.



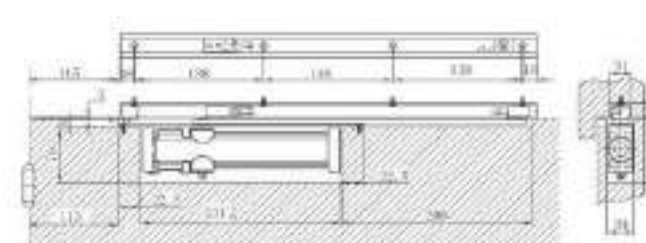
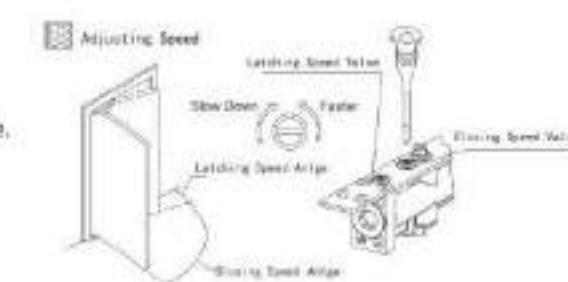
KC1006 Series

Model	Door Width	Door Weight
KC1006	950 mm	40-80kg

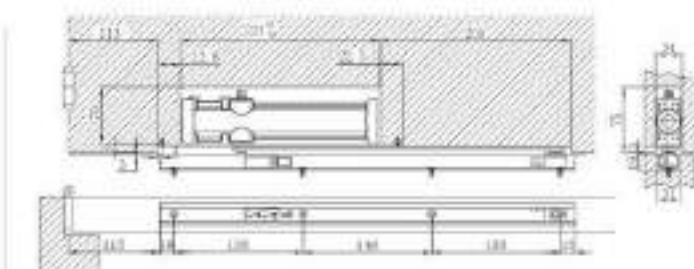
Finishes : Silver Bronze Brown Black Gold White

- Light Duty Concealed Overhead Closer
- UL 228 Certification
- Adjustable Closing & Latching Speed
- Precise Cast Aluminum Body
- Anodized Aluminum Sliding Track arm with Optional Hold Open Device.
- Slim body with 32mm Thickness, Non-Handed Installation
- Fixed Spring Force #3

Note : Installation As Per Template & Installation Instruction.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.



Right Hand Door Shown, Same Dimensions Apply To Left Hand Door.





PA Bracket



PA Bracket



Standard Back Plate



Drop Plate



Standard Back Plate



Drop Plate



Hold Open Arm



Hold Open Arm



Hold Open Arm



Hold Open Arm



Hold Open arm



Heavy Duty Stop Arm



Heavy Duty Hold Open Cushion Stop Arm



Hold Open Arm



Heavy Duty Stop Arm



Heavy Duty Hold Open Cushion Stop Arm



Heavy Duty Stop Arm



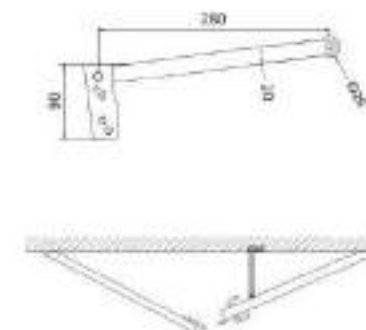
Sliding Track Arm



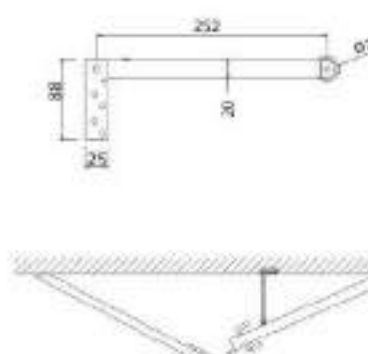
Sliding Track Arm



DS-001 SS



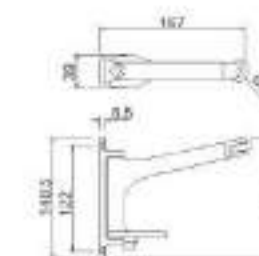
DS-002 SS



DS-003 SS



DS-004 SS





ADS-4910

- Using 6063 Aluminium frame, Stainless steel accessories.
- Using silicone sealing strips.
- Using square copper bolt.
- Sealing height:  $\leq 10\text{mm}$
- Length: Can do 500mm-1500mm
- Normal length: 800mm, 915mm and 1000mm. 800mm can be cutted to 650mm 915mm and 1000mm can be cutted to 850mm.



ADS-4911

- Using 6063 Aluminium frame, Stainless steel accessories.
- Using silicone sealing strips.
- Using square copper bolt.
- Sealing height:  $\leq 10\text{mm}$
- Length: Can do 500mm-1500mm
- Normal length: 800mm, 915mm and 1000mm. 800mm can be cutted to 650mm 915mm and 1000mm can be cutted to 850mm.



RDS001  
Material: PVC, TPE

Applicable scope

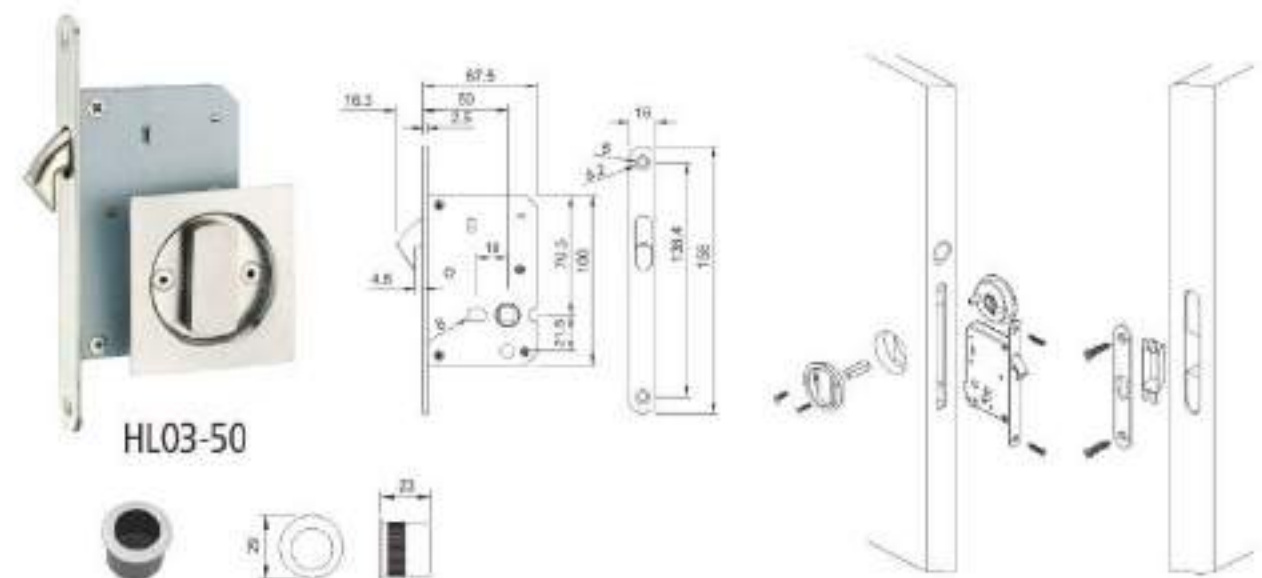
- Area of application: For rebated doors
- Material: Modified elastic polymer (PVC) or thermoplastic elastomer (TPE)
- Installation dim.: Groove 4 X 7 mm, striking gap 4 mm, rebate width 10 mm
- Length: 25 m



RDS002  
Material: PVC, TPE

Applicable scope

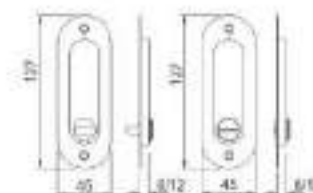
- Area of application: For rebated doors
- Material: Modified elastic polymer (PVC) or thermoplastic elastomer (TPE)
- Installation dim.: Groove 4 X 7 mm, striking gap 4 mm, rebate width 10 mm
- Length: 25 m



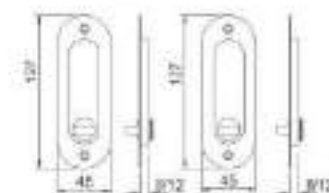
HL03-50



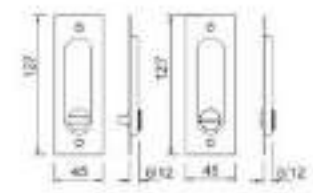
KIT001



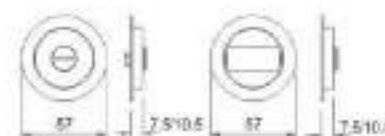
KIT002



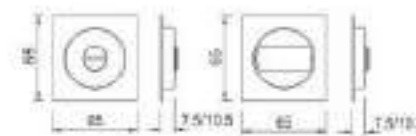
KIT003



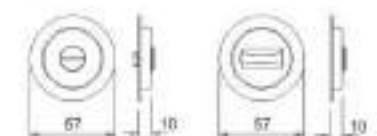
KIT004



KIT005



KIT006



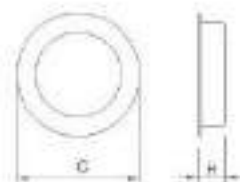
Material: stainless steel  
Finish: 303/304/PVD  
Door thickness: 35-50mm



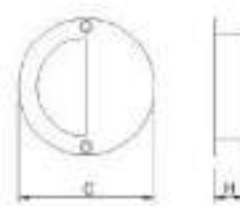




Art. No.	C	H
FH123/30	30	14
FH123/40	40	14
FH123/50	50	14
FH123/60	60	14
FH123/65	65	14
FH123/70	70	14



Art. No.	C	H
FH124/60	60	20
FH124/65	65	20
FH124/70	70	20
FH124/90	90	20



Art. No.	C	L	H
FH125/120/40	40	120	14
FH125/120/50	50	120	14
FH125/150/50	50	150	14
FH125/180/60	60	180	14

available on front and concealed fixing



Art. No.	C	L	H
FH126/102	50	102	12
FH126/120	40	120	12
FH126/150	50	150	12



Art. No.	C	L	H
FH127/120	40	120	14
FH127/150	50	150	14
FH127/118	51	118	13
FH127/180	60	180	16.5



Art. No.	C	L	H
FH128/125	83	125	19



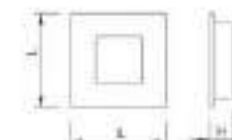
Art. No.	C	L	H
FH129/102	40	102	15
FH129/120	50	120	15
FH129/150	50	150	15
FH129/180	60	180	15



Art. No.	C	L	H
FH121/120	50	120	15
FH121/150	50	150	15
FH121/180	60	180	15



Art. No.	C	L	H
FH130/30	30	30	11.5
FH130/40	40	40	11.5
FH130/50	50	50	11.5
FH130/60	60	60	15.5
FH130/70	70	70	15.5



Art. No.	C	L	H
FH131/102	50	102	12
FH131/150	50	150	17.5
FH131/180	60	180	17.5





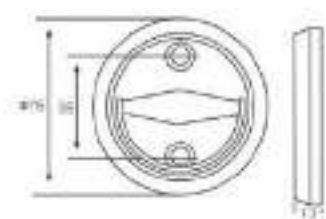


Art. No.	C	L	H
FH132/102	51	102	12
FH132/120	40	120	12
FH132/150	50	150	17.5
FH132/180	60	180	17.5



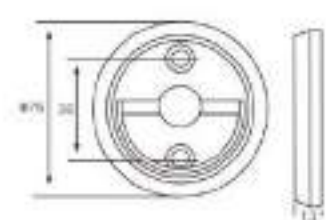
CH3601 SS

Material: Stainless Steel  
Finish: SS



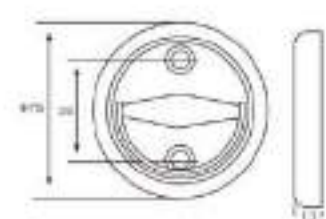
CH3602 SS

Material: Stainless Steel  
Finish: SS



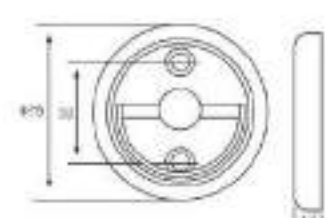
CH3603 SS

Material: Stainless Steel  
Finish: SS



CH3604 SS

Material: Stainless Steel  
Finish: SS



SW01 Indicator lock surface



HW01 Elastic hinge



FW01 Corner fastener



SW01 Indicator lock back



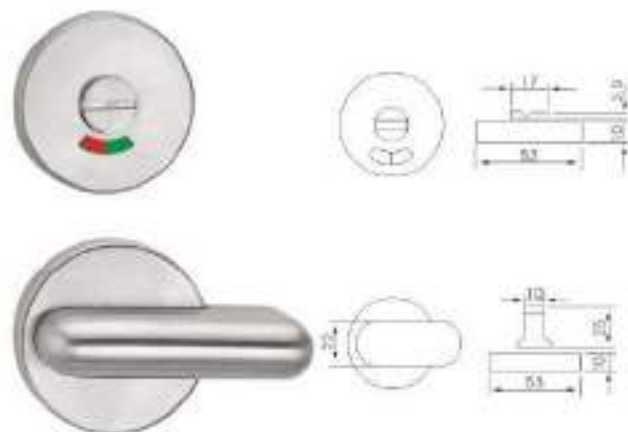
CW01 Clothes hook



KW01 Knob

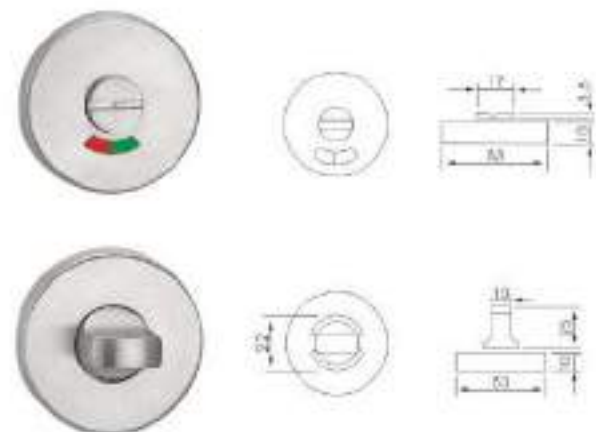


LW01 Adjustable leg



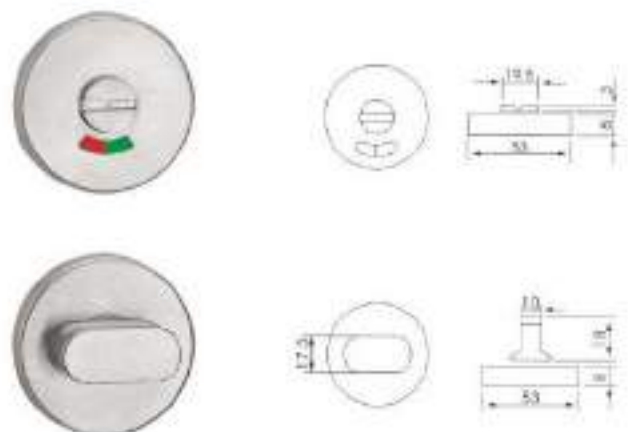
SW01 SS

- Material: Stainless Steel Grade 304
- Finish: SS



SW02 SS

- Material: Stainless Steel Grade 304
- Finish: SS



SW03 SS

- Material: Stainless Steel Grade 304
- Finish: SS



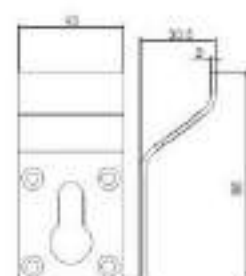
SW04 SS

- Material: Stainless Steel Grade 304
- Finish: SS



SC-301 SS

Material: Stainless Steel  
Finish: SS



AD7040

Specification	Contents	Color
Fits door: 38-110mm thick Fits barrel hole: 14mm Sensor: 3 Mega Pixel CMOS LCD screen: 4.0" TFT Resolution: 480*320 View angle: 105°	Color box Digital Door Viewer Camera Tightening tool User Manual 4 AAA Batteries	White silver Champagne Black RAL9005 Gold



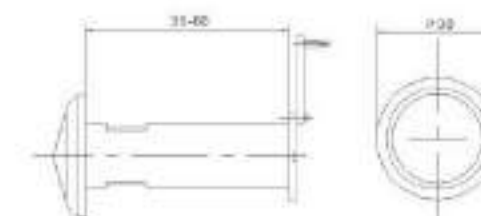
AD7001/AD7002

Specification	Contents	Color
Fits door: 38-70mm thick Fits barrel hole: 12/14mm Sensor: 3 Mega Pixel CMOS LCD screen: 3.5" TFT Resolution: 320*240 View angle: 110°	Color box Digital Door Viewer Camera MicroSD card Tightening tool User Manual 4 AAA Batteries	White silver Champagne Black RAL9005 Gold



BP-05 SN

Material: Zinc alloy/Brass  
Finish: SN

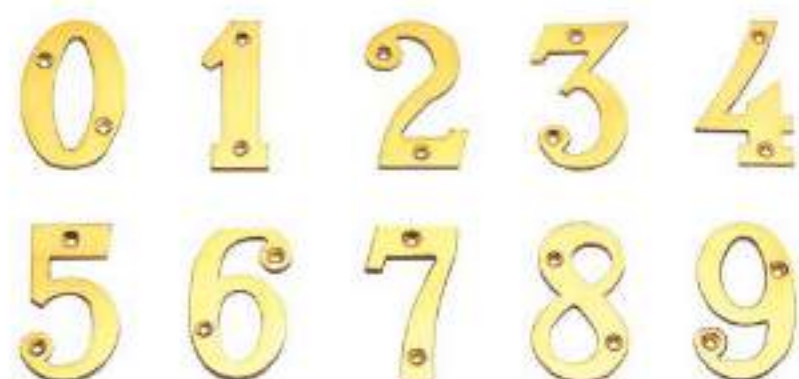






## NP-01 SS

- Material: Stainless Steel
- Finish: SS



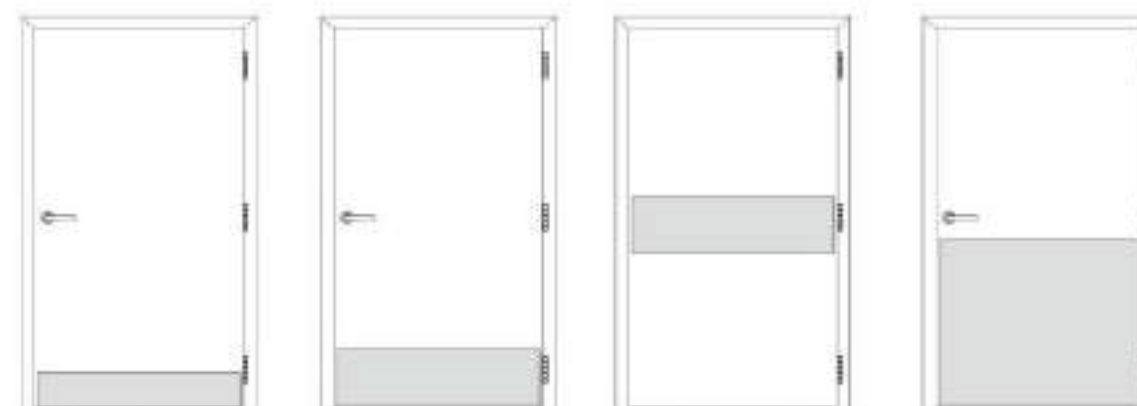
## NP-02 PB

- Material: Brass
- Finish: PB



## LP-01 PB

- Material: Brass
- Finish: PB

Mop plate  
Up to H6"xW48"Kick plate  
H6"to12"xW48"Stretcher plate  
H6"to12"x up toW48"Armor plate  
Up to H48"xW48"

## Width of plates

Push side: 2" less than door width; Pull side: 1.5" less than door width

Material: stainless steel, aluminium

Fastener: #6x5/8" OH SMS

Finishes: US26/US26D/US32/US32D

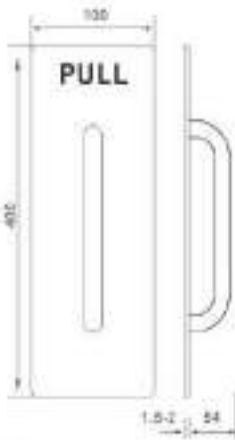
Art No.	H	W	T
KP0630	6"	30"	0.05"/0.038"
KP0634	6"	34"	0.05"/0.038"
KP0640	6"	40"	0.05"/0.038"
KP0646	6"	46"	0.05"/0.038"
KP0830	8"	30"	0.05"/0.038"
KP0834	8"	34"	0.05"/0.038"
KP0840	8"	40"	0.05"/0.038"
KP0846	8"	46"	0.05"/0.038"
KP1034	10"	34"	0.05"/0.038"
KP1040	10"	40"	0.05"/0.038"
KP1046	10"	46"	0.05"/0.038"
KP1234	12"	34"	0.05"/0.038"
KP1240	12"	40"	0.05"/0.038"
KP1246	12"	46"	0.05"/0.038"
KP3434	34"	34"	0.05"/0.125"
KP4040	40"	40"	0.05"/0.125"
KP4646	46"	46"	0.05"/0.125"

Note: available in different size



SC-100 SS

- Material: Stainless Steel Grade
- Finish: SS



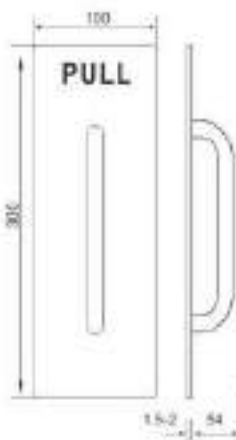
SC-201 SS

- Material: Stainless Steel Grade
- Finish: SS



SC-100 SS

- Material: Stainless Steel Grade
- Finish: SS



SC-201 SS

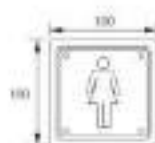
- Material: Stainless Steel Grade
- Finish: SS



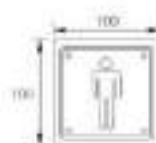




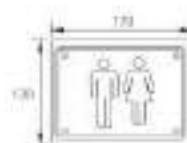
P-001 SS



P-002 SS



P-003 SS



P-004 SS



P-005 SS



P-006 SS



P-007 SS



P-008 SS



P-009 SS



P-010 SS



P-011 SS



P-012 SS



P-013 SS



Note:  
Size and pattern can be produced accordingly  
Pattern: silk-screen & erosion are optional  
Mounting options: visible fixing with screws;  
Invisible fixing with double adhesive tape

Floor Mounted Door Stops  
For screw fixing



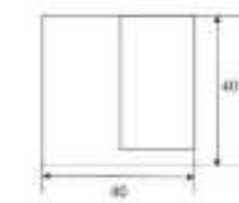
DS3700 SS

Material: Stainless Steel  
Finish: SS



DS3701 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



DS3702 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



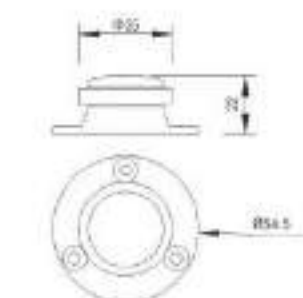
DS3703 SS

Material: Stainless Steel  
Finish: SS



DS3718 SS

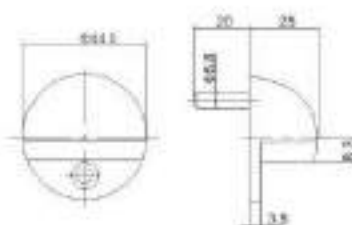
Material: Stainless Steel  
Finish: SS





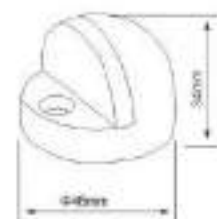
DS3704 SN

Material: Zinc alloy/Stainless Steel  
Finish: SN



DS3706 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



DS3709 SS

Material: Stainless Steel  
Finish: SS



DS3713 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



DS3720 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



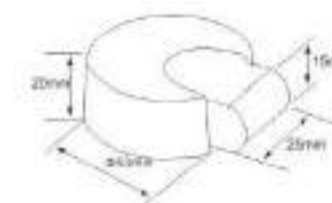
DS3721 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



DS3728 SS

Material: Stainless Steel  
Finish: SS



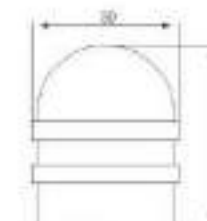
DS3729 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



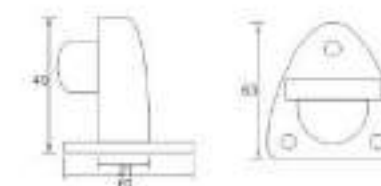
DS3808 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



DS3816 SN

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN

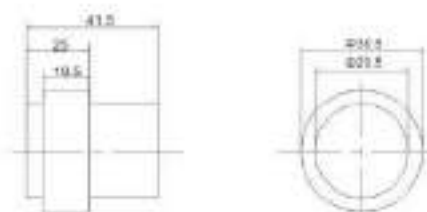






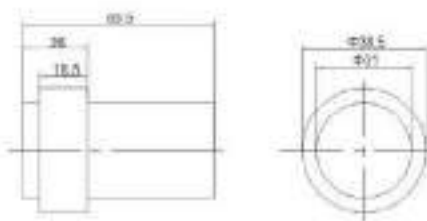
DS3801-45 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



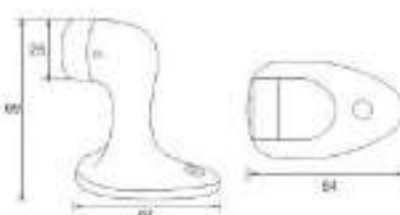
DS3801-70 SS

Material: Stainless Steel  
Finish: SS



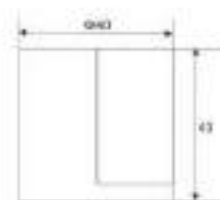
DS3887 SC

Material: Zinc alloy  
Finish: SC



DS3899 SS

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



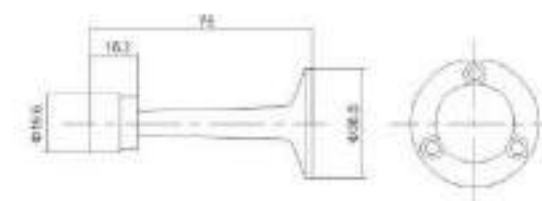
DS3900 SS

Material: Stainless Steel  
Finish: SS



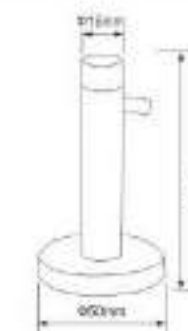
DS3705 SN

Material: Zinc alloy  
Finish: SN



DS3714 SS

Material: Stainless Steel  
Finish: SS



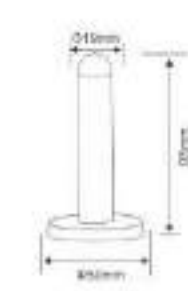
DS3715 SS

Material: Stainless Steel  
Finish: SS



DS3726 SS

Material: Stainless Steel  
Finish: SS



DS3727 SS

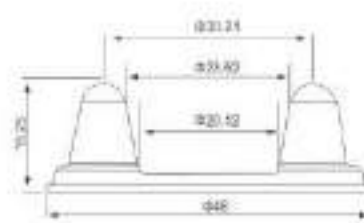
Material: Stainless Steel  
Finish: SS





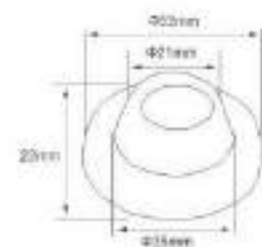
**DS3716 BLACK**

Material: Rubber  
Finish: Black



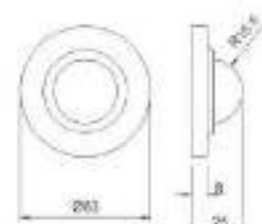
**DS3717 SS**

Material: Stainless Steel  
Finish: SS



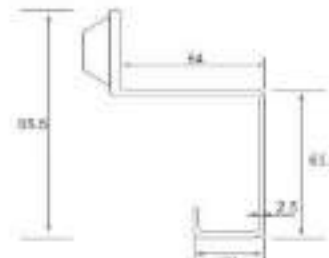
**DS3731 SS**

Material: Stainless Steel  
Finish: SS



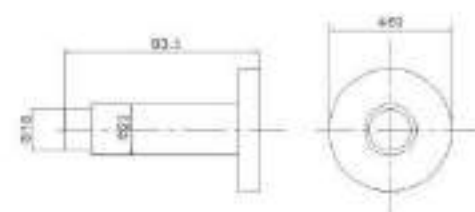
**DS3777 SS**

Material: Stainless Steel  
Finish: SS



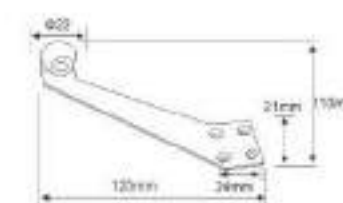
**DS3817 SS**

Material: Stainless Steel  
Finish: SS



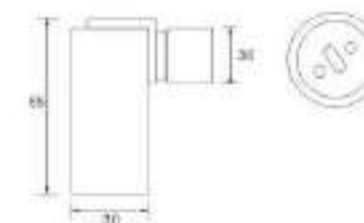
**DH3712 SS**

Material: Stainless Steel  
Finish: SS



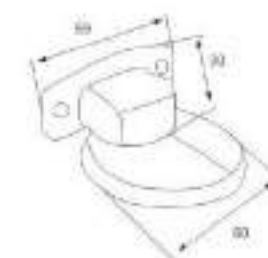
**DH3730 SN**

Material: Zinc alloy  
Finish: SN



**DH3781 SS**

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



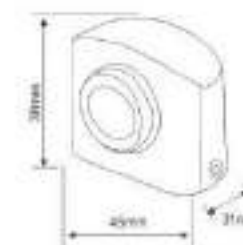
**DH3804 SS**

Material: Stainless Steel  
Finish: SS



**DH3809 SS**

Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN



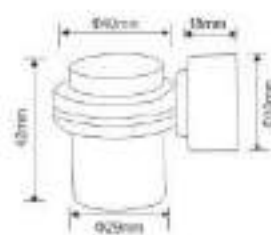


**DH3810 MSN**

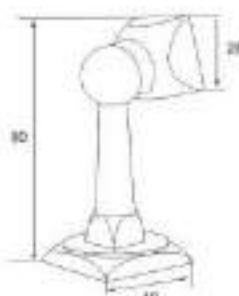
Material: Stainless Steel, Zinc Alloy  
Finish: MSN, SS, SS

**DH3845 SS**

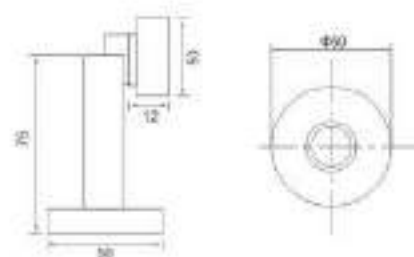
Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN

**DH3848 SN**

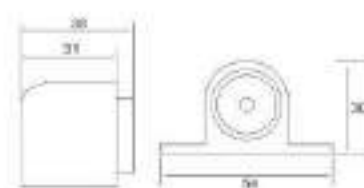
Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN

**DH3850 SN**

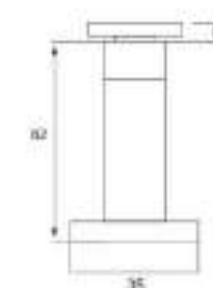
Material: Zinc alloy  
Finish: SN

**DH3857 SN**

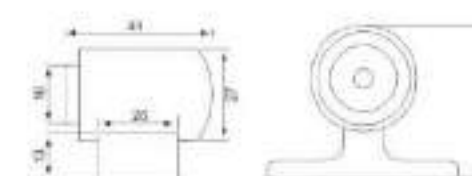
Material: Zinc Alloy  
Finish: SN

**DH3860 SN**

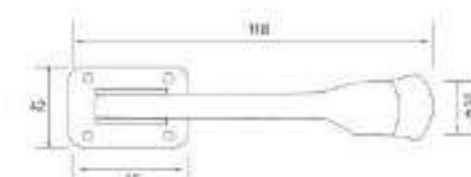
Material: Stainless Steel, Zinc Alloy  
Finish: SS, SN

**DH3885 SN/CP**

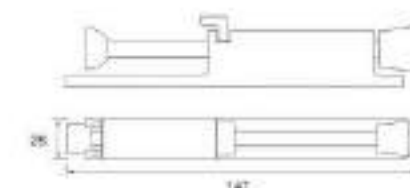
Material: Zinc alloy  
Finish: SN/CP

**DH3886 SC**

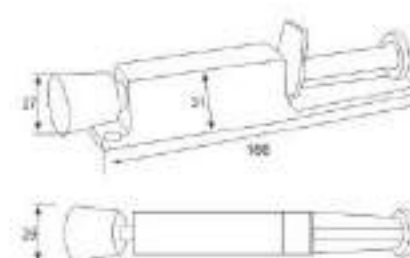
Material: Zinc alloy  
Finish: SC, SN

**DH3890 SN**

Material: Zinc alloy  
Finish: SN

**DH3891 SN**

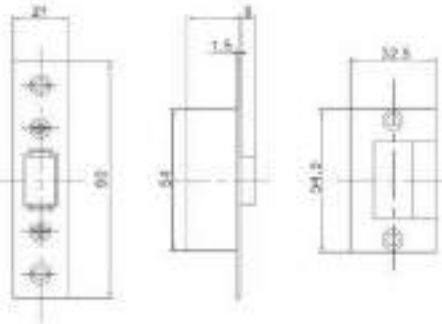
Material: Zinc alloy  
Finish: SN





RC3828 SS

Material: Stainless Steel  
Finish: SS



RC3839 SS

Material: Stainless Steel  
Finish: SS



RC3889 SS

Material: Stainless Steel  
Finish: SS

