

ANSI Grade 1  
Heavy Duty

**M** Series

# Anti-ligature Solutions



**Klacc**i®  
life unlocked.

ANSI Grade 1  
Heavy Duty

**M** Series

# Anti-ligature Solutions



# Contents

Introduction . . . . .	1
Features . . . . .	3
Specifications . . . . .	4
Functions . . . . .	5
Miscellaneous . . . . .	7
How to Order . . . . .	9

# Introduction

## When a safe environment is needed

A lock is thought to be safe when it prevents forced intrusion. But is that the only risk we may encounter?

In recent years, suicide rates have increased alarmingly, among which ligature strangulation is one of the most common cases of self-inflicted injury. This typically occurs in buildings such as detention centers, hospitals, mental health centers, where mere constant monitoring is insufficient to prevent disasters to happen.

## Surpassing the strictest of requirements

As part of the world-renowned I-TEK Company, Klacci has not only inherited the expertise of 50 years of lock manufacturing, but also the expectation to provide the highest quality products.

Klacci's Anti-ligature Solutions have gone through meticulous designs and improvements, and have been tested and certified to ANSI/BHMA A156.13 and ADA compliance, offering quality guaranteed products to our customers.







# Features

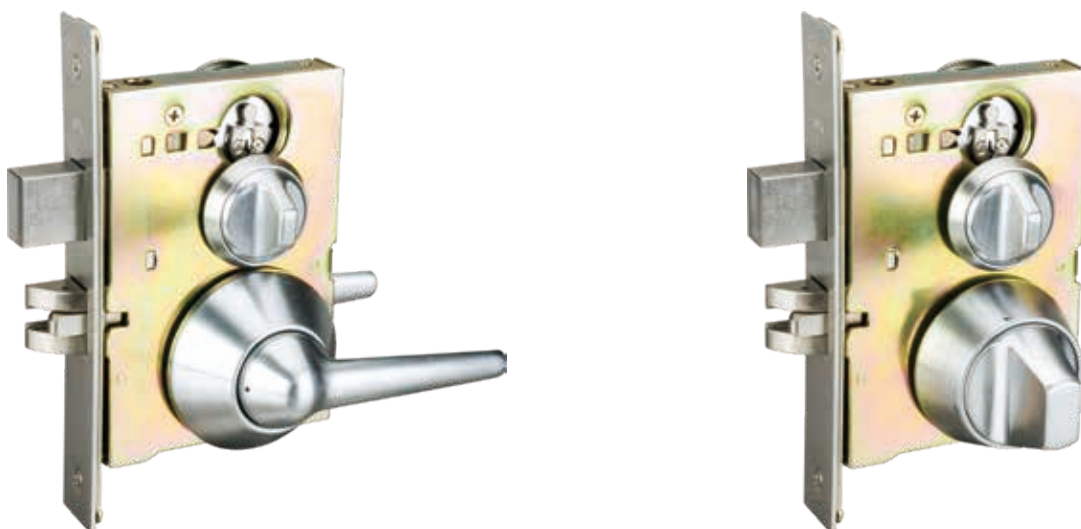


M Series Anti-Ligature Solutions have been designed to meet the strictest of safety requirements that Health Facilities need.

Our conical lock designs with sloped surface prevent ligature attachment, thus providing a safer environment. Complying with ANSI/BHMA A156.13 testing standard requirements, the lever handle design includes a clutch function, increasing the lock's durability as well as the overall safety.

Trim type can be chosen between Lever and Knob design. The application of thru-bolt fastening adds additional strength. For lock functions, see page 5; we offer a wide range of function options, for specialized options, please contact our sales personnel for details.




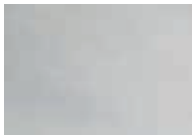


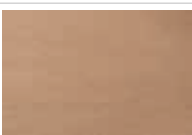
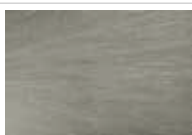
# Specifications



<b>Doors &amp; Preparations</b>	<ul style="list-style-type: none"> <li>Conforms to ANSI A115.1.</li> </ul>
<b>Certification/Compliance</b>	<ul style="list-style-type: none"> <li>ANSI/BHMA A156.13 Series 1000, Grade 1 operational and security.</li> <li>UL Listed for 3-Hour fire rating.</li> </ul>
<b>Case Size</b>	<ul style="list-style-type: none"> <li>4-5/16" x 6" x 1" (110 mm x 152 mm x 25 mm).</li> </ul>
<b>Armor Front</b>	<ul style="list-style-type: none"> <li>1-1/4" x 8" x 7/32" (32 mm x 203 mm x 5 mm).</li> </ul>
<b>Backset</b>	<ul style="list-style-type: none"> <li>2-3/4" (70mm) only.</li> </ul>
<b>Door Range</b>	<ul style="list-style-type: none"> <li>1-3/8" (35mm) ~ 2-1/2" (64 mm).</li> </ul>
<b>Spacing</b>	<ul style="list-style-type: none"> <li>3-5/8" (92 mm) center cylinder to spindle.</li> <li>2-7/16" (62 mm) center thumbturn to spindle.</li> </ul>
<b>Deadbolt</b>	<ul style="list-style-type: none"> <li>1" (25 mm) throw, stainless steel.</li> </ul>
<b>Latchbolt</b>	<ul style="list-style-type: none"> <li>3/4" (19 mm) throw, with anti-friction tongue, all stainless steel.</li> </ul>

## Finishes





A wide selection of finishes are available to match with your door and other hardware.

Color		ANSI/BHMA	US	Color		ANSI/BHMA	US
	Polished Brass	605	3		Dark Oxidized Satin Bronze	613	10B
	Satin Brass	606	4		Polished Chrome	625	26
	Polished Bronze	611	9		Satin Chrome	626	26D
	Satin Bronze	612	10		Satin Stainless Steel	630	32D

# Functions

Function Code Number	Description	ANSI/BHMA
<b>Without deadbolt</b>		
9003	<b>Lockable Patient Room Lock</b> <ul style="list-style-type: none"> <li>Latchbolt retracted by knob/lever from either side except when outside is locked by key.</li> <li>Unlocked from outside by key.</li> <li>Inside knob/lever always free for immediate exit.</li> <li>Auxiliary latch deadlocks latchbolt when door is closed.</li> </ul>	F05
9005	<b>Keyed Entry Lock</b> <ul style="list-style-type: none"> <li>Latchbolt retracted by key from outside or by knob/lever inside.</li> <li>Outside knob/lever fixed.</li> <li>Inside knob/lever always free for immediate exit.</li> <li>Auxiliary latch deadlocks latchbolt when door is closed.</li> </ul>	F07
9009	<b>Asylum Double Cylinder Lock*</b> <ul style="list-style-type: none"> <li>Latchbolt retracted by key from either side.</li> <li>Knob/lever on both sides fixed.</li> <li>Auxiliary latch deadlocks latchbolt when door is closed.</li> </ul>	F30
9013	<b>Lockable Double Cylinder Lock*</b> <ul style="list-style-type: none"> <li>Latchbolt retracted by knob/lever from either side except when outside is locked by key from either side.</li> <li>When locked, latchbolt retracted by key outside or knob/lever inside.</li> <li>Inside knob/lever always free for immediate exit.</li> <li>Auxiliary latch deadlocks latchbolt when door is closed.</li> </ul>	
9020	<b>Bath/Bedroom Privacy Lock</b> <ul style="list-style-type: none"> <li>Latchbolt retracted by knob/lever from either side except when outside is locked by inside thumbturn.</li> <li>To unlock from outside, remove emergency button (615617-010), insert emergency key (615625-060) (furnished) in access hole and turn.</li> <li>Turning inside knob/lever or closing door unlocks outside knob/lever.</li> </ul>	F22
9026	<b>Office/Privacy Lock</b> <ul style="list-style-type: none"> <li>Latchbolt retracted by knob/lever from either side except when outside is locked by inside thumbturn.</li> <li>When locked, latchbolt retracted by key outside or knob/lever inside.</li> <li>Key outside retracts latchbolt and returned thumbturn to its unlocked position.</li> <li>Turning inside knob/lever or closing door unlocks outside knob/lever.</li> <li>Inside knob/lever always free for immediate exit.</li> <li>Auxiliary latch deadlocks latchbolt when door is closed.</li> </ul>	F26
9030	<b>Passage Lock</b> <ul style="list-style-type: none"> <li>Latchbolt retracted by knob/lever from either side.</li> </ul>	F01



Function Code Number	Description		ANSI/BHMA
With deadbolt			
9408		<b>Deadbolt Lock</b> <ul style="list-style-type: none"><li>• Latchbolt retracted by knob/lever from either side.</li><li>• Deadbolt thrown or retracted by key from outside or thumbturn from inside.</li><li>• Throwing deadbolt locks outside knob/lever.</li><li>• Turning inside knob/lever simultaneously retracts both deadbolt and latchbolt and unlocks outside knob/lever.</li><li>• Inside knob/lever always free for immediate exit.</li></ul>	F13
9409		<b>Keyed Only Deadbolt &amp; Latchbolt Lock*</b> <ul style="list-style-type: none"><li>• Latchbolt retracted by key from either side.</li><li>• Knob/lever on both sides fixed.</li><li>• Deadbolt thrown or retracted by key from either side.</li><li>• Auxiliary latch deadlocks latchbolt when door is closed.</li></ul>	
9413		<b>Deadbolt Double Cylinder Lock*</b> <ul style="list-style-type: none"><li>• Latchbolt retracted by knob/lever from either side.</li><li>• Deadbolt thrown or retracted by key from either side.</li><li>• Throwing deadbolt locks outside knob/lever.</li><li>• Turning inside knob/lever simultaneously retracts both deadbolt and latchbolt and unlocks outside knob/lever.</li><li>• Inside knob/lever always free for immediate exit.</li></ul>	F33
9455		<b>Asylum Lock with deadbolt</b> <ul style="list-style-type: none"><li>• Latchbolt retracted by key from outside or by knob/lever inside.</li><li>• Deadbolt thrown or retracted by key from outside.</li><li>• Turning inside knob/lever simultaneously retracts both deadbolt and latchbolt.</li><li>• Auxiliary latch deadlocks latchbolt when door is closed.</li></ul>	

\*Caution : Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

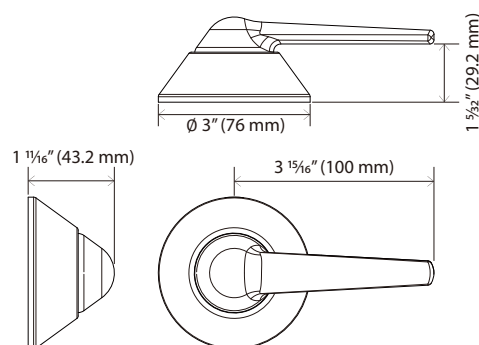
# Miscellaneous

## Trim Options

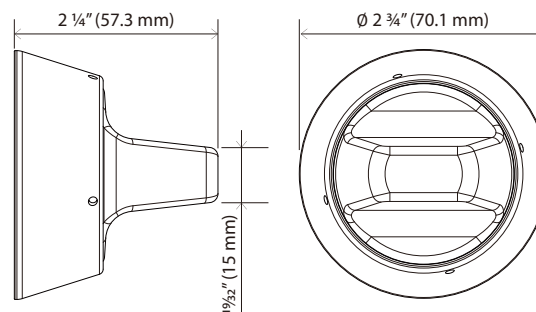
Made of brass or stainless steel, these trims are designed with elegance. The sloped profile prevents ligature attachment on the horizontal surface. Lever or knob handle options are available in standard or clutch (free turning) functions.

An optional anti-microbial coating can be applied. Specially formulated to prevent bacterial growth on door handle surface. Suitable for high-traffic applications in high-sanitary demanding locations. To order, add prefix AC.

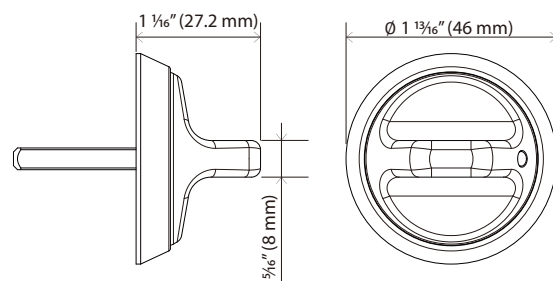
**ALT Lever**



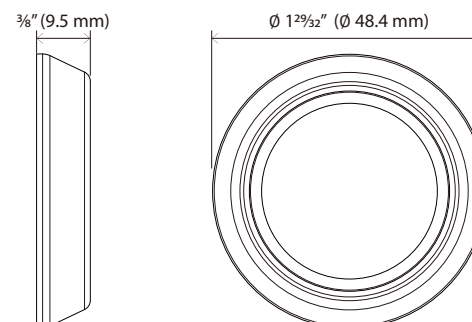
**ALTB Knob**



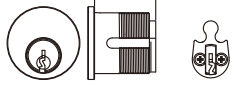
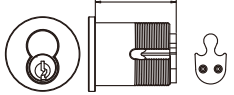
**Turn**



**Cylinder Guard**



## Cylinder

Illustration	Face	Length						
		1-1/8"	1-1/4"	1-3/8"	1-1/2"	1-5/8"	1-3/4"	1-7/8"
	Full-face Standard	441-102	441-103	441-104	441-105	441-106	441-107	441-108
	Full-face I/C Core	N/A	442-601	442-701	442-702	N/A	N/A	N/A

## Armor Front (Faceplates)

Made of brass, bronze or stainless steel, available with square corner or 1/4" radius corner. Complete unit of armor front supplied with screws. Ordering info for ordering the armor front separately are listed below.



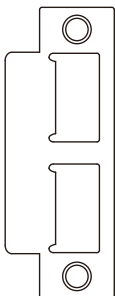
Square  
Corner



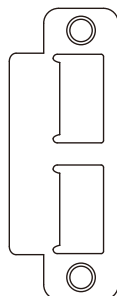
1/4" Radius  
Corner

Square Corner		1/4" Radius Corner		Description
1-1/4" (32mm) width	1-1/16" (27mm) width	1-1/4" (32mm) width	1-1/16" (27mm) width	
528-711	528-731	528-721	528-741	Latch × Aux. Latch × Deadbolt
528-712	528-732	528-722	528-742	Latch × Aux. Latch
528-713	528-733	528-723	528-743	Latch × Deadbolt
528-714	528-734	528-724	528-744	Latch
528-715	528-735	528-725	528-745	Blank
528-716	528-736	528-726	528-746	Deadbolt

## Strikes



Square Corner  
527-611



1/4" Radius Corner  
527-631

Non-handed, made of brass, bronze or stainless steel.  
Available with square corner or 1/4" radius corner.

Complete strike unit supplied with strike box and screws.  
Custom lip lengths at 1/8" (3mm) increments available.



# How to Order

Device		Ordering Example								
		MS	9409	630	ACALT	1	441-102	1	527-611	1
Model										
MS										
Function Code (see page 5)										
finish										
605 (US3)	611 (US9)	613 (US10B)	626 (US26D)							
606 (US4)	612 (US10)	625 (US26)	630 (US32D)							
Trim Design (see page 7)										
ALT Lever										
ALTB Knob										
Prefix AC Anti-microbial coating										
Core										
0 Less cylinder housing	2 I/C full-face with core									
1 6-pin standard cylinder	3 I/C full-face less core									
Cylinder length (see page 8)										
Armor Front (see page 8)										
1 1-1/4" (32 mm) width square corner	3 1-1/16" (27 mm) width square corner									
2 1-1/4" (32 mm) width 1/4" radius corner	4 1-1/16" (27 mm) width 1/4" radius corner									
Strikes (see page 8)										
527-611 Square Corner										
527-631 Radius Corner										
Door Thickness										
1 1-3/8" ~ 2" (35mm ~ 51mm)	2 2" ~ 2-1/2" (51mm ~ 64mm)									

## Warranty

Klacci ("Company") warrants to the original purchaser ("Purchaser") that the products manufactured and provided under the Klacci® brand shall be free of defects in material and workmanship under normal use and service as follows: (a) mechanical locks for 5 years; (b) electrified products for 1 year, and (c) finishes for 1 year. The Purchaser shall be obligated to store, transport, install, maintain and operate the products in accordance with good practice and reasonable maintenance works, and has followed specific instructions from the Company. Furthermore, the cost incurred in removing and installing a replacement product is not included in the warranty. Upon return of a defective product, Klacci may repair or replace the product.

The present warranty does not cover:

1. Scratches, abrasions, deterioration due to the use of paints, solvents and other chemicals.
2. Normal wear and tear.
3. Lack of proper maintenance.
4. Abuse or any damage caused by improper installation, sabotage or misuse of the product.
5. Improper storage, shipping and handling.
6. Failure to follow instructions or guidelines provided by the Company.

Klacci makes no representations or warranties concerning any modification or installation along with other brand products that can potentially impact its intended operation or cause malfunction. When retrofitting any portion of an existing fire rated opening, or specifying and installing a new fire-rated opening, please follow its installation instructions accordingly or consult with a code specialist or local code official (authority having jurisdiction) to ensure compliance with all applicable codes and ratings.

Note:

- The warranty becomes effective from the date of shipment.

Contents in this catalog are for reference and illustration only. Shipments subject to actual productions. Please consult factory for final discretion.

These products and systems are under patent protection, counterfeiting not allowed.



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

**Headquarters and Operation Office**  
**I-TEK Metal Manufacturing Co., Ltd.**

18 Gungye 3rd Road, Annan, Tainan 70955, Taiwan.

**T** 886 6 3840722

**F** 886 6 3840715

**E** [sd.klacci@gmail.com](mailto:sd.klacci@gmail.com)

[sd@klacci.com](mailto:sd@klacci.com)

[sd@iteklock.com.tw](mailto:sd@iteklock.com.tw)

**Global Office**  
**KLACCI Inc.**

Nevada, USA

**T** +1 (720) 675-5677

**E** [sd@klacci.com](mailto:sd@klacci.com)

[sd.klacci@gmail.com](mailto:sd.klacci@gmail.com)