

M54 Series

Led Indicator Lock



Description

M54 Series LED Indicator Mortise Lock is designed in compliance with the functions and specifications of ANSI/BHMA A156.13, delivering reliable strength, durability, and smooth operational performance for commercial applications.

Featuring an LED indicator trim, the lock provides a clear and highly visible locking status from a distance, improving user convenience and reducing unnecessary access attempts. Combined with a compact mortise lock body, it is ideally suited for privacy and controlled access applications in public facilities, such as restrooms and shared spaces.

Engineered for heavy-duty use, the M54 Series exceeds the cycle performance requirements of ANSI/BHMA Grade 1, ensuring consistent operation in high-frequency environments.

Constructed with high-quality stainless steel internal components and housing, it offers excellent corrosion resistance, enhanced durability, and extended service life.

UL Listed for up to 3-hour fire-rated door assemblies, it meets stringent fire protection requirements for commercial and institutional applications.

The M54 Series is specifically designed for restroom and privacy applications, providing clear LED occupancy indication for improved user experience and convenience. It is an ideal solution for commercial buildings, airports, schools, healthcare facilities, and other high-traffic public spaces requiring durable performance and easy-to-identify occupancy status.

Application

- Commercial & Public Washrooms
- Office Buildings
- Airports & Transportation Facilities
- Shopping Centers & Retail Facilities
- Educational Facilities
- Healthcare Facilities
- Government Buildings
- Hotels & Hospitality Facilities
- Mother’s rooms
- Quiet rooms
- Dressing rooms

Certification & Compliance

	Certified with ANSI/BHMA A156.13 Grade 1 function, strength and security. Tested over 1,000,000 cycles.
	UL/cUL listed-up to 3 hours positive pressure fire rating for door assemblies.

Advantages

Clear LED Occupancy Indication

Provides bright and highly visible LED status indication, allowing users to easily identify locked/unlocked status from a distance.

Enhanced Privacy & User Convenience

Improves restroom and privacy application experience by reducing unnecessary access attempts and providing clear occupancy information.

ANSI/BHMA A156.13 Compliant & UL Listed

Meets commercial mortise lock performance requirements and is UL listed for up to 3-hour fire-rated door assemblies, ensuring reliable safety and durability.

Compact Mortise Lock Design

Combines LED indicator trim with a compact lock body, providing a space-efficient solution for privacy doors.

Corrosion-Resistant Stainless Steel Construction

Features high-quality stainless steel internal components and housing for enhanced durability and extended service life.

Reinforced Security Design

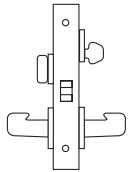
Enhanced structural design combined with high-strength materials provides vandal-resistant performance.

The indicator trim two side are connected and secured by four through-bolts, helping prevent forced external damage and ensuring a high level of security.

Specifications

Door preparation	ANSI/BHMA A156.115W or A156.115
Door thickness	For doors 1-3/4" (45mm) to 2-1/4" (57mm) thick standard
Stile	4-1/2" (114mm) minimum stile
Backset	*Standard backset 2-3/4" (70mm)
CTC distance	Lever to cylinder center distance 2-31/32" (75mm)
Lock body	B20 series, SS304 case, thickness 3/32"
Latch bolt	SS303, A156.13 Grade 1 latch bolt projection 3/4"
Hub	AISI4140 42CrMo steel
Cylinder	Φ1-1/8" cylinder, C28000 brass, 6 pin, 3 keys, satin nickel face
Indicator trim	SS304 housing, thickness 1/8" (3mm), LED indicator
Strike	SS304, 4-7/8" (124mm) ANSI curved lip strike, thickness 5/64" (2mm)
Strike box	PA66
Hand	Field reversible latch bolt
Finishes	US32D

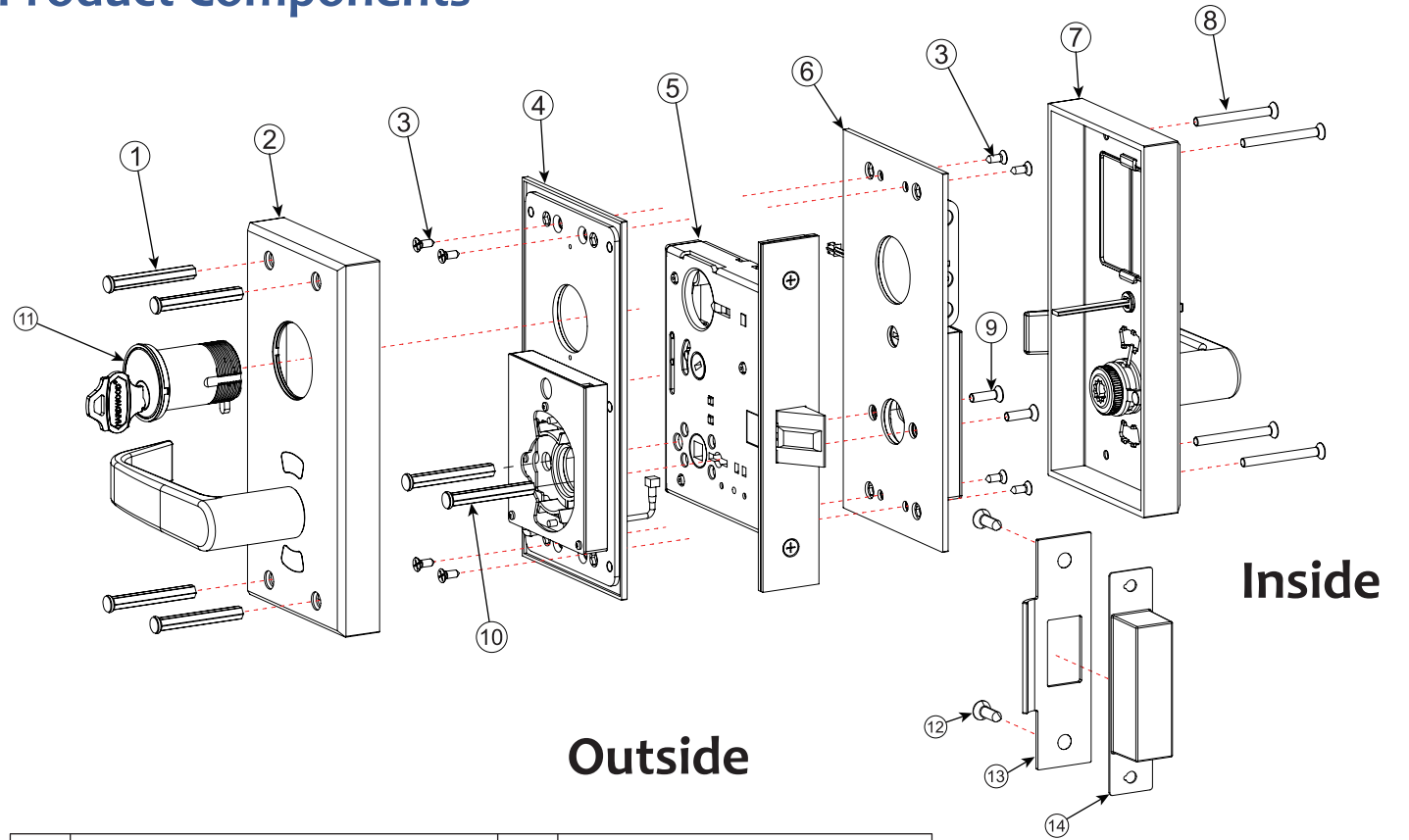
Functions & Configuration

PICTURE	ANSI NO.	FUNCTION	DESCRIPTION	LEVER	CYLINDER	THUMB TURN	EMERG TURN
	F04 Variant	Intruder Security Latch	Latch bolt operated by lever from either side, except outside lever is mechanically disabled. Key retracts latch from outside. Inside turn disabling both inside lever and outside key.	✓	✓	✓	

How to order

Specify	Lock body no.	Backset	Lever	Thumb turn	Strike	Finishes
Example	B20	2-3/4"	L10	M30A5	STo8	US32D
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Product Components



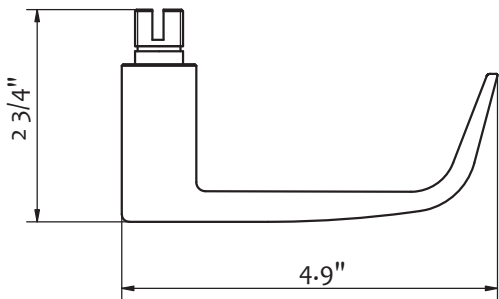
NO.	Description	NO.	Description
1.	Guide pin-trim	8.	PH #8-32x2-1/2" screw
2.	Outside trim	9.	Screw-Guide pin for base plate
3.	Screw-base plate	10.	Guide pin -base plate
4.	Outside base plate	11.	cylinder
5.	Lock body	12.	PH#12-24x3/4"+#12 wood screw
6.	Inside base plate	13.	Strike
7.	Inside trim	14.	Strike box

Trim Details



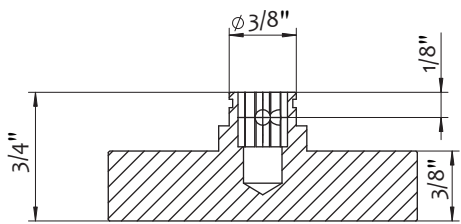
Trim type	Escutcheon trim
Material	SS304
Thickness	1/8" (3mm)
Width	3-5/8"
Height	7-1/4"
Projection	2-29/32" (74mm)

Lever Options



M51A10 lever
SS303 solid cast
US32D

Thumb Turn Options



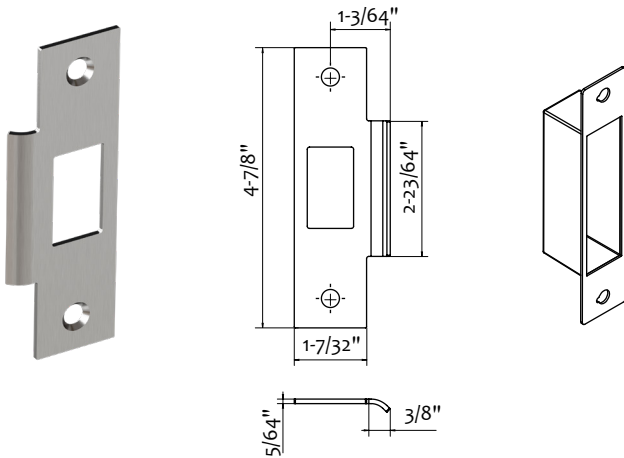
T-thumb turn M30A5
1-3/4"×3/8"(44×10mm)
SS303 cast US32D

Cylinder Details



A14 cylinder
Φ1-1/8"×1-13/16" (Φ29×38mm)
C28000 brass body, 6 pins
Satin nickel cylinder face
3 pcs of C26000 brass keys, nickel plated.

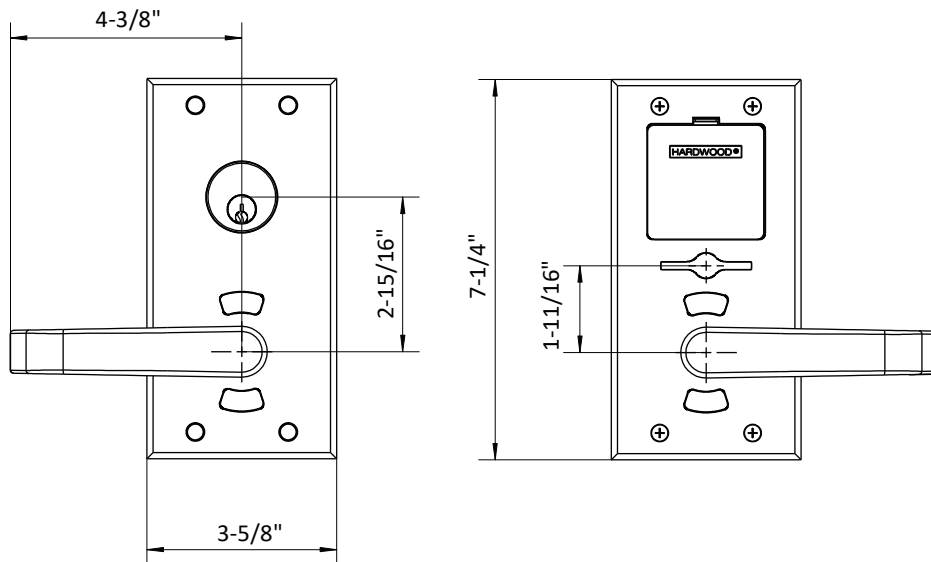
Strike Details



ST-09

- 4-7/8" (124mm) ANSI curved lip strike SS304, thickness 5/64" (2mm)
- 1-3/64" (26.5mm) curved lip from center of screw holes to end of lip.
- Strike box 4-3/4"×1-1/8"×1" (120×29×25mm), PA66

Trim dimensions



Lock body dimensions

