



## **M8700 SERIES ANSI Mortise Handleset**



The world's favorite lock

An ASSA ABLOY Group brand

**ASSA ABLOY**

# Intro

Yale continues its mission to take care of people and their favorite things the world over, and to help free every individual to enjoy life as they choose to live it. Yale has an international heritage with an unparalleled global reach and satisfied consumers in over 125 countries.



Today, Yale is also part of the ASSA ABLOY group. We are proud that the Yale brand name has become synonymous with quality, through a wide range of advanced products that meet the most demanding security needs.



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# M8700 General Introduction

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With its stylish trim designs and sophisticated locking mechanism, Yale M8700 series ANSI Grade 2 Entrance Handleset helps securing and protecting your home. The stainless steel mortise lock case provides the highest level of key-operated security and represent the industry standard of quality. The elegant trim designs can match with any modern home interior design.

It is ideal for doors with Thickness of 45mm to 55mm (also available on application to suit doors 40mm to 75mm thick) and standard Backset 70mm (2 3/4").

- Exceptional high quality ANSI grade 2 stainless steel mortise lock case
- More than 800,000 times lifecycle tested
- Forged solid brass entrance handlesets (Classic and Elegance Series)
- Various series of handlesets design
- Most of the trims and function design have been patented in the PR China and Hong Kong
- High quality PVD finish provides lifetime protection from corrosion and tarnish
- Toggle at lock front can temporarily unlock the exterior push button for convenience
- Anti-panic function for emergency egress. Turning interior knob retracts the latchbolt and deadbolt simultaneously while exterior push button remains locked.

# Special Features

## 1 Patented Escutcheon & Handle Style Design



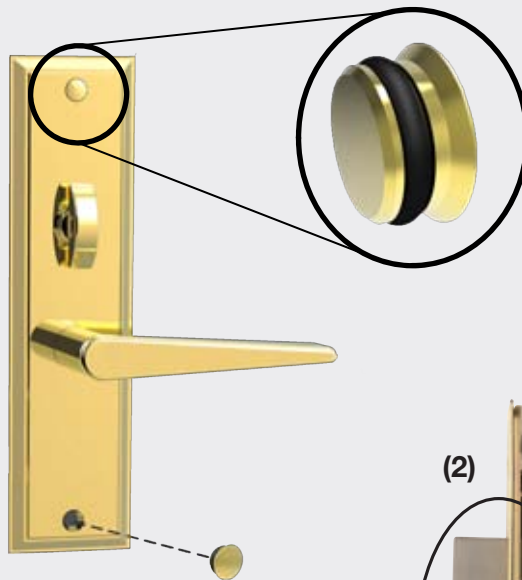
## 2 Patented Push Button Design

Innovative square form push button design (patented, on D Handleset design)



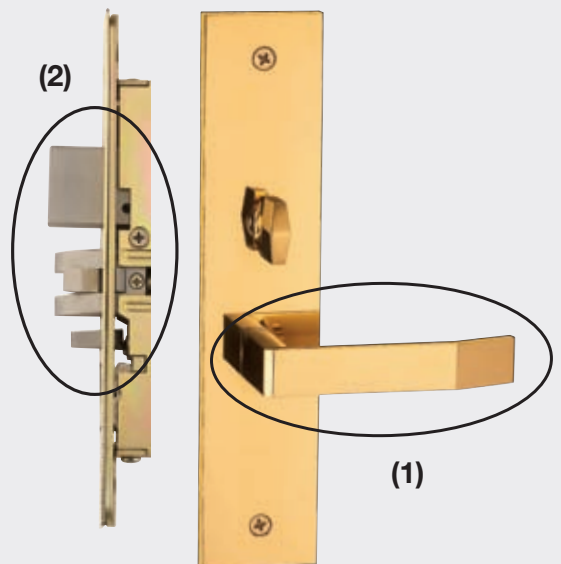
## 3 Novel Screw Cover Design

Cover up the screws so as to enhance the sense of art and give extraordinary cosmetic expression (on Sensation Series Handleset design)



## 4 Patented Anti-panic Function

The latchbolt & deabolt (2) will retract simultaneously by turning the interior lever (1) (patented).





A close-up photograph of a polished brass door handle and a white door. The handle is highly reflective, showing highlights and shadows. The door has a classic, paneled design. A bright yellow rectangular overlay is positioned on the left side of the image, containing the word 'Exquisite' in white, bold, sans-serif font. Below the word, there is a smaller line of white text.

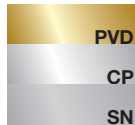
# Exquisite

Classical designs make a bold statement to any door.

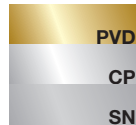
# Classic Series



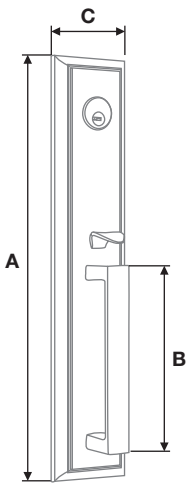
**M8773 AA**



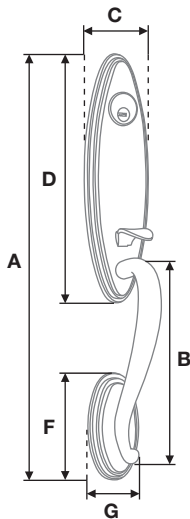
**M8773 BB**



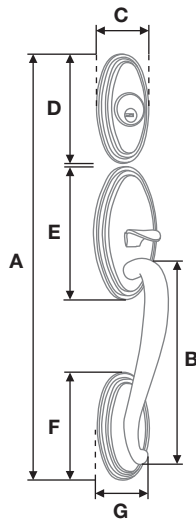
**M8773 BC**



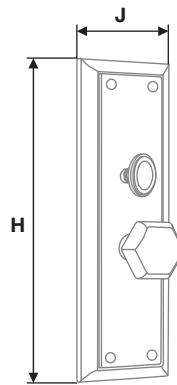
Front Plate Diagram for AA



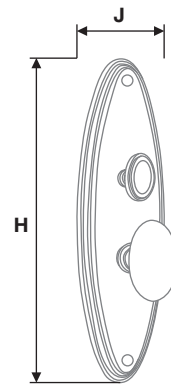
Front Plate Diagram for BB



Front Plate Diagram for BC



Back Plate Diagram for AA



Back Plate Diagram for BB, BC

Model	Dimension (mm)								
	A	B	C	D	E	F	G	H	J
AA	445	190	86	-	-	-	-	280	86
BB	435	210	75	255	-	112	60	255	75
BC	440	210	72	112	137	112	60	255	75

\*Escutcheon thickness : 20mm (AA) / 14mm (BB & BC)

# Classic Series



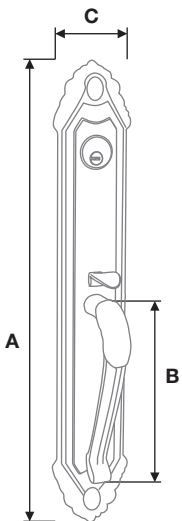
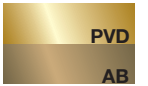
**M8773 G1**



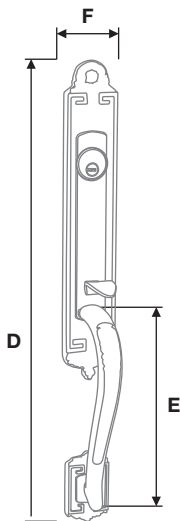
**M8773 H1**



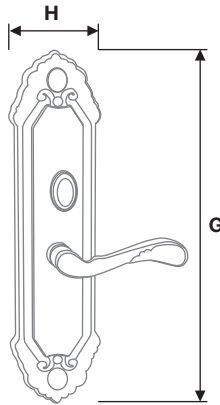
**M8773 H2**



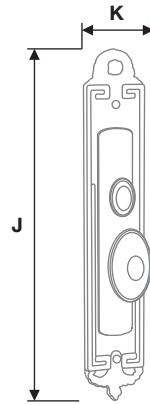
Front Plate Diagram for G1, J1



Front Plate Diagram for H1, H2



Back Plate Diagram for G1, H1, J1



Back Plate Diagram for H2



**M8773 J1**



Model	Dimension (mm)									
	A	B	C	D	E	F	G	H	J	K
G1	493	200	84	-	-	-	330	84	-	-
H1	-	-	-	480	225	60	345	60	-	-
H2	-	-	-	480	225	60	-	-	345	60
J1	538	215	77	-	-	-	308	77	-	-

\*Escutcheon thickness : 13mm (G1) / 10mm (H1 & H2) / 11.5mm (J1)





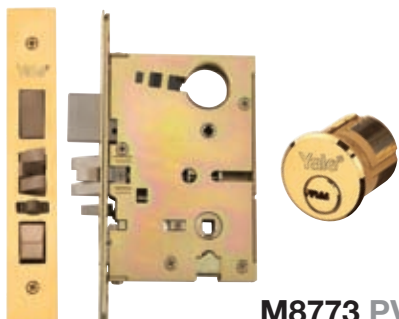
# Mortise Lock Case

# Mortise Lock Case

M8700 series mortise lock cases meet the ANSI standard ANSI/BHMA A 156.13-2005 grade 2 and passed 800,000 testing cycles. Together with Genuine Yale ANSI Cylinder, M8700 mortise locks provide utmost door security.

All M8700 series mortise locks are packed with matching finishes' lock cases and cylinders. 5 pieces of silver nickel brass 6-pin dimple keys will be supplied.

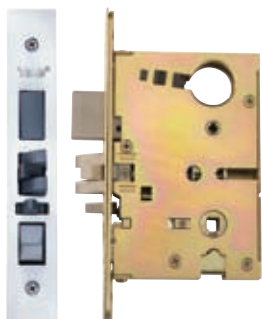
It is ideal for doors with Thickness of 45mm to 55mm (also available on application to suit doors up to 75mm thick upon special request) and standard Backset 70mm (2 3/4").



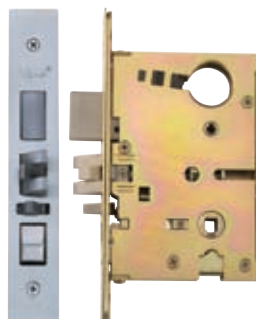
**M8773 PVD**



5 piece of silver nickel brass keys with 6 dimple pins

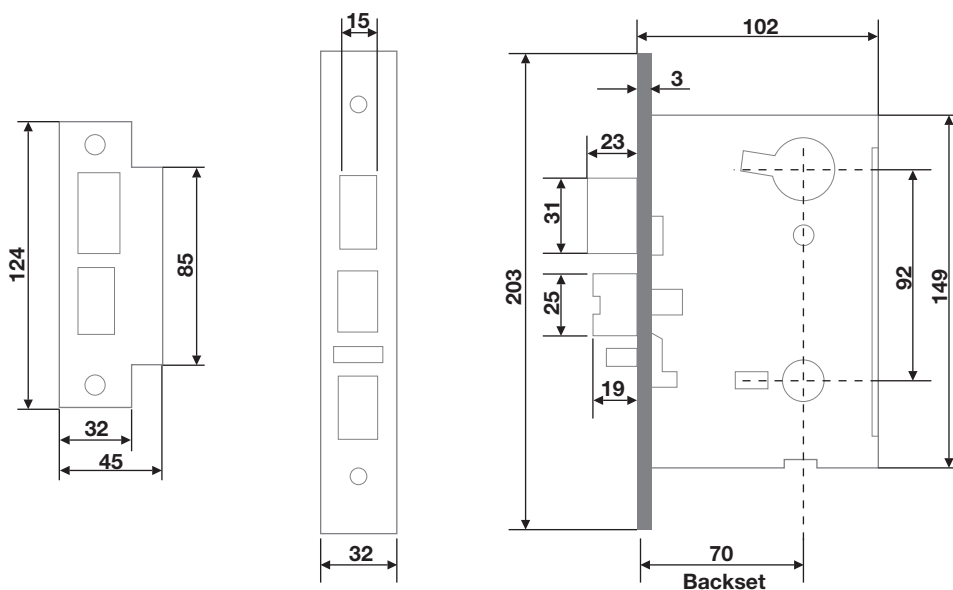


**M8773 CP**



**M8773 SN**

## Lock Case Specification

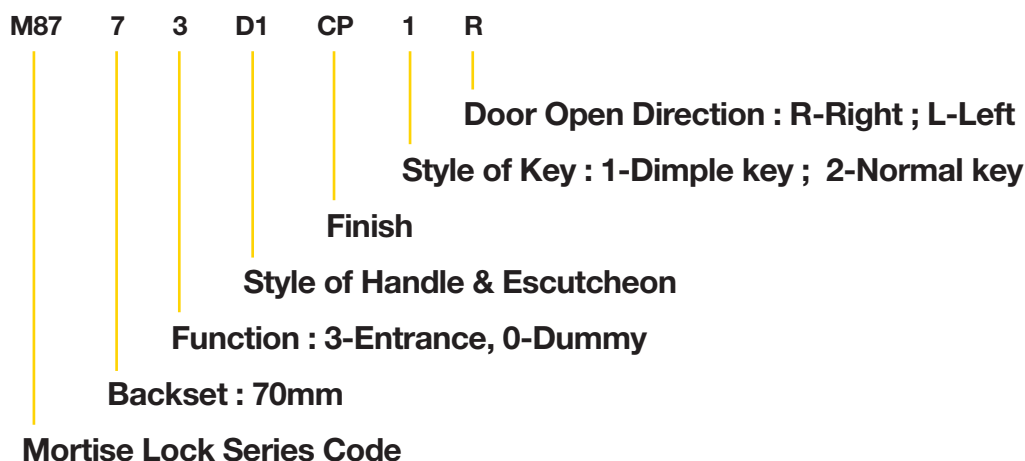


# Product Specification

## M8700 series ANSI Mortise Handleset Specification

- **Standard** : ANSI/BHMA A 156.13-2005 grade 2
- **Testing Cycles** : more than 800,000 cycles tested
- **Lock case** : ANSI grade 2 stainless steel mortise lock case
- **Materials** :
  - Trim & handle - forged solid brass (Class and Elegance Series)
    - solid zamak alloy (Sensation Series)
  - Forend & strike - steel for PVD & AB finishes, stainless steel for other finishes
  - Latch, dead & auxiliary bolt - cast stainless steel
  - Lock case - steel
- **Backset** : 70mm (2 3/4")
- **Door thickness** : 45~55mm standard (available from 40mm to 75mm thick door upon request)
- **Function** : Entrance, Dummy (Optional)
- **Cylinder** : Classic & Elegance Series: Normal key or 6-pin dimple key  
Sensation Series: 6-pin dimple key ( standard offer with construction keys)
- **No. of Keys** : Classic & Elegance Series: 5 pieces of silver nickel brass keys  
Sensation Series: 2 piece of A Construction keys & 5 piece of B User keys (All in silver nickel brass keys)

## How to Order



\* **Door Open Direction** : Just for models with lever handle. It will be blank for models with knob handle.

# How To Order

In the How to order table, please refer to the series name first and then determine the specific item number that you require. By choosing your desired Function, Handle and Escutcheon Style and Finish, you can easily determine the Handleset to meet your needs.

## Classic Series

M87	7	3	AA	CP	1	R
Mortise Lock Series Code	Backset	Function Code	Style of Handle & Escutcheon	Finish	Style of Key	Door Open Direction
M87	7 Standard Backset (70mm)	3 Entrance	AA	AB Antique Brass (Only available for G1 H1 H2 J1 Handle & Escutcheon)	1 Dimple Key	R Right
		0 Dummy	BB	CP Chrome Plated (Only available for AA BB BC Handle & Escutcheon)	2 Normal Key	L Left
			BC	SN Satin Nickel (Only available for AA BB BC Handle & Escutcheon)		
			G1	PVD Physical Vapor Deposition		
			H1			
			H2			
			J1			

## Elegance Series

M87	7	3	D1	CP	1	R
Mortise Lock Series Code	Backset	Function Code	Style of Handle & Escutcheon	Finish	Style of Key	Door Open Direction
M87	7 Standard Backset (70mm)	3 Entrance	D1 to D8	CP Chrome Plated	1 Dimple Key	R Right
		0 Dummy	E1 to E8	SN Satin Nickel	2 Normal Key	L Left
			F1 to F8	PVD Physical Vapor Deposition		

## Sensation Series

M87	7	3	D1	CP	1	R
Mortise Lock Series Code	Backset	Function Code	Style of Handle & Escutcheon	Finish	Style of Key	Door Open Direction
M87	7 Standard Backset (70mm)	3 Entrance	L1 to L4	AB Antique Brass	1 Dimple Key*	R Right
		0 Dummy	M1 to M4	CP Chrome Plated		L Left
			N1 to N4	SN Satin Nickel		
			O1 to O4	PVD Physical Vapor Deposition		
			P1 to P4			

\* 2pc A Construction keys & 5pc B User keys as standard offer.

\*\* The product finishes shown on this brochure may differ from the actual products. Please take the actual product finishes as the standard.



The world's favorite lock

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**ASSA ABLOY** is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.