LEON/MCKIN防火五金
FIRE EXIT HARDWARE

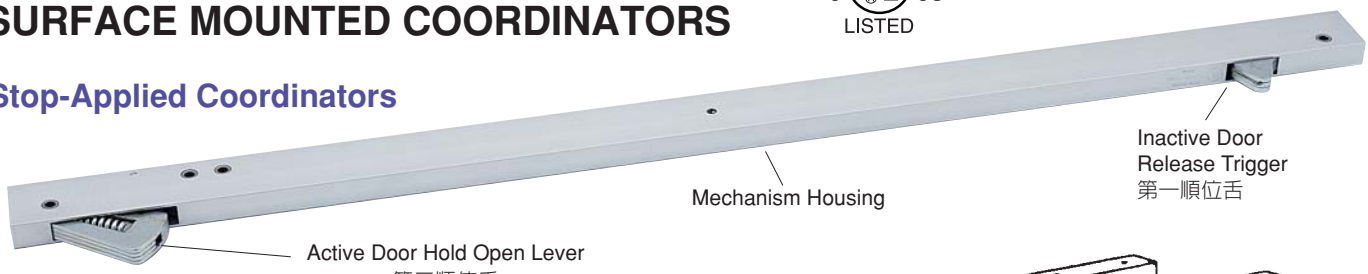
火災時逃生門的守護神

- 符合美國國家安全標準局ANSI A156.3一級標準結構
- 符合美國公共安全殘障法規
- 通過美國UL 3小時防火驗證
- 警報片件設計、可搭配門外之門禁管制設計整合

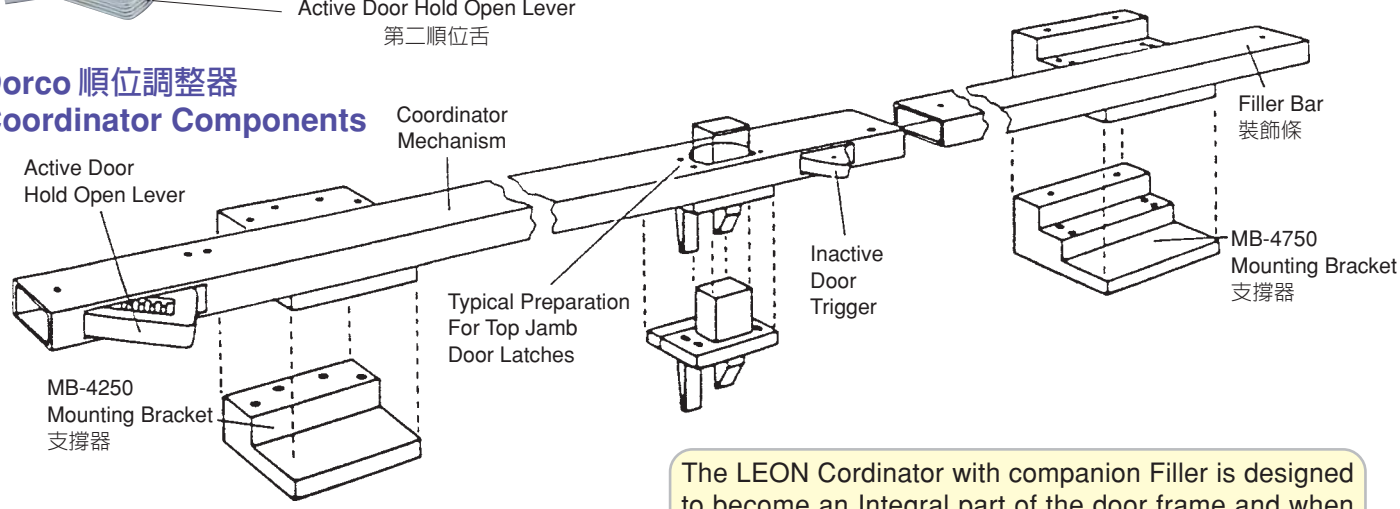
LEON/MCKIN Dorco-1 系列順位調整器
SURFACE MOUNTED COORDINATORS

C UL US LISTED

Stop-Applied Coordinators

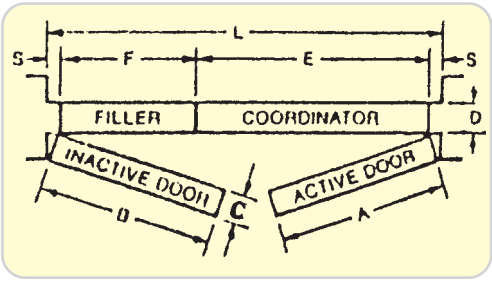


Dorco 順位調整器
Coordinator Components



The LEON Cordinator with companion Filler is designed to become an Integral part of the door frame and when painted with frame becomes virtually invisible, It is engineered to prevent damage in case of abnormal force against active door that is held open.

Fillers (F) usually supplied pre-cut from factory. Advise if S dimension is other than 5/8".
※裝飾條按裝在離門框條5/8"距離，裝上以便與順位調整器平衡觀感。

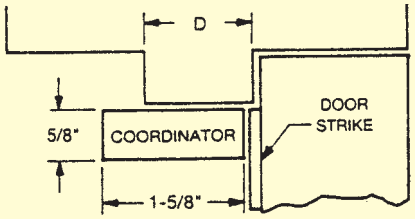


※ Sizes of coordinators 順位調整器規格:

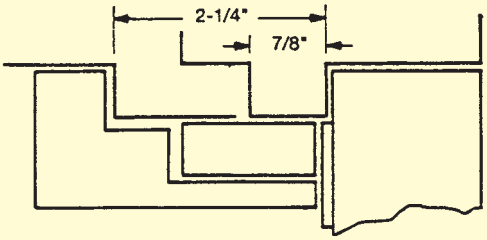
Length of Housing 長	for the Door Range 用在門寬
32”	34-43”
42”	44-53”
52”	54-96”
60”	97-112”

STOP WIDTH (DIM.D)

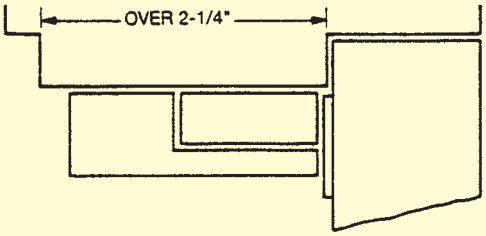
Minimilm stop width (Dim. D) for mounting standard series coordinators is 1-1/4". Coordinators are modified for stop widths 1/2" to 1-1/8".



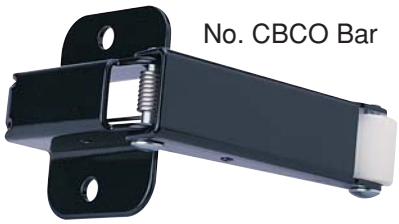
Mounting Brackets For Stop Applied Hardware



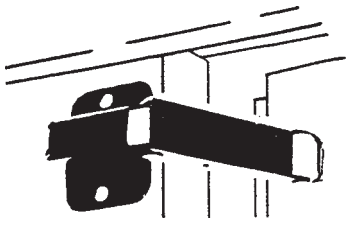
※ MB-4750 支撐件用在頂框寬在 7/8" 與 2-1/4" 之間的規格
MB-4750 Bracket for stops 7/8" to 2-1/4" wide.



MB-4250 Bracket for stops over 2-1/4" wide.
Select one bracket for each hardware item to be stop mounted, such as parallel arm shoes, door holder brackets. stop spplied vertical rod strikes, etc.
※ MB-4250 支撐件用在頂框寬超過 2-1/4" 之外的規格



No. CBCO Bar



The No. CBCO hinged Carry Bar is used when it is possible to open the inactive door before opening the active door. It is mounted on the inactive door to open the active door untill it engaged the hold open lever.
※ CBCO 輪件安裝在第一順位門，以緩衝第二順位門。

LEON/MCKIN Dorco 系列順位調整器

Dorco-2, 6½"(165mm 長)
Dorco-3, 8½"(216mm 長)

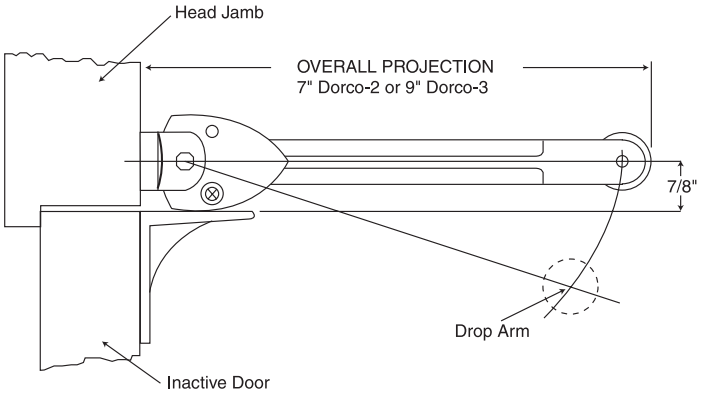
Dorco-2 & Dorco-3; BHMA 4.1.1 TYPE 211ANSI 156.3

The coordinators are designed for use on pairs of doors with or without an astragal. Roller arm (Dorco-2 — 7" projection), (Dorco-3 — 9") prevents active door from closing before the inactive door.

Gravity action arm and door bracket are adjustable on the job for ease of installation, Rubber roller provides quiet and efficient operation, and helps protect the astragal and doors from damage.

Nylon roller or short arm glides smoothly over door bracket and strike, ensurirg sllent operation.

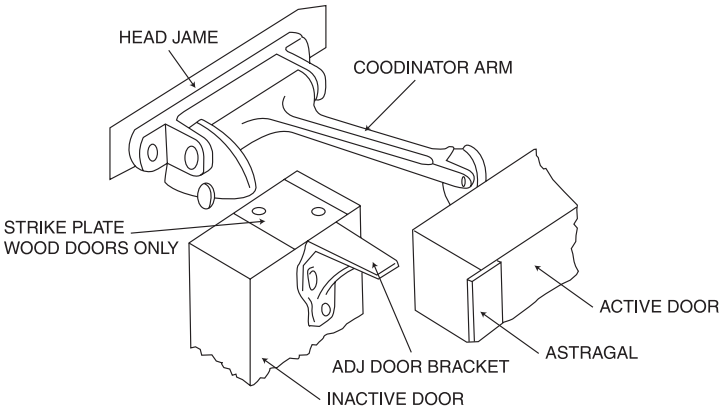
the Dorco-2 and Dorco-3 are made of forged brass. When inactive door can be opened first, specify CBCO carry bar.
Using door sizes and astragal locations select the device number from list at right:



DESRIPTIVE SPECIFICATIONS

All paired doors Nos_____shall have (Dorco-2, Dorco-3) Door Coordinators which will prevent the active door from closing before the inactive door, by means of a gravity action arm and roller, adjustable on-site, Coordinator shall have a 7" projection (Dorco-3) and have all-brass construction.

Door bracket adjustable for ease of installation. Pubber roller provides efficient quiet operation solid forged brass construction carry bar also availabe for use with coordinator to push active door open when inactive door open first helps prevent damage to astragal or other hardware.



Dorco-2 — 7" Projection

Use on pairs of doors with astragal on active door up to 4'
With astragal on inactive up to 3'4"
With astragals on both doors up to 2'10"

Dorco-3 — 9" Projection

Use on pairs of doors with astragal on active door over 4'
With astragal on inactive over 3'4"
With astragals on both doors over 2'10"

Dorco-2 & 3

SCREW DETAILS:
2 - #8 x 3/4" truss head metal screws
1- #8 x 3/4" flat head sheet metal screw
2- #6 x 3/4" flat head sheet metal screws
2- #12 x 1" oval head sheet metal screws

LEON AUTOMATIC FLUSH BOLT 防火自動天栓與地栓

- Smooth, Easy Action
Only 5 Lbs Force needed to drive Cam/Piston actuated mechanism, meet ADA regulations.
- Override feature
Prevents bolt obstruction damage.
- Adjustable
For unusual clearances or conditions.
- Non-handed single bolt

c UL us LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)

AUTOMATIC FOR WOOD COVERED COMPOSITE DOORS
LABEL B, C, D AND E
1" x 6 3/4" FACE PLATE

FULLY AUTOMATIC; WHEN ACTIVE DOOR IS OPENED, INACTIVE DOOR IS FREE.
FINISH: 3, 10, 10B, 26, 26D & 32D.
USED IN PAIRS; AT TOP & BOTTOM OF INACTIVE DOOR.
PACKED: One Set, Two (2) Bolts per Box w / #8xl" Tapplng Screws; Complete with Installation Template
THERMAL LOCK: Automatically locks inactive door under high fire / heat conditions.
※使用在防火木門規格
—安裝在第一順位門的上栓及下栓位置處。
—第二順位門關上時，第一順位門即自動上栓。在火災高熱時鎖住防火門，以阻絕空氣灌入，及濃煙冒出逃生門，妨礙逃生。

AUTOMATIC FOR METAL DOOR
LABEL A, B, C, D AND E
1" x 6 3/4" FACE PLATE

TO FIT STANDARD ANSI DOOR PREPARATION.
FULLY AUTOMATIC; WHEN ACTIVE DOOR IS OPENED, INACTIVE DOOR IS FREE.
FINISH: 3, 10, 10B, 26, 26D & 32D.
USED IN PAIRS; AT TOP & BOTTOM OF INACTIVE DOOR.
PACKED: One Set, Two (2) Bolts per Box w / #8xl" Tapplng Screws; Complete with Installation Template
THERMAL LOCK: Automatically locks inactive door under high flre / heat conditions.
※使用在防火鋼鐵門規格
—其安裝及功能同於使用在防火木門規格。

LEON/MCKIN Grade 1 $4^1/_2$" Institutional Butt Hinge
特殊脫臘不鏽鋼鉸鏈 $4^1/_2$ x $4^1/_2$"

For use with hollow metal or wood doors in minimum-medium security correctional applicafions: mental institutions, hospitals, government facilities, etc.

SPECIFICATIONS :

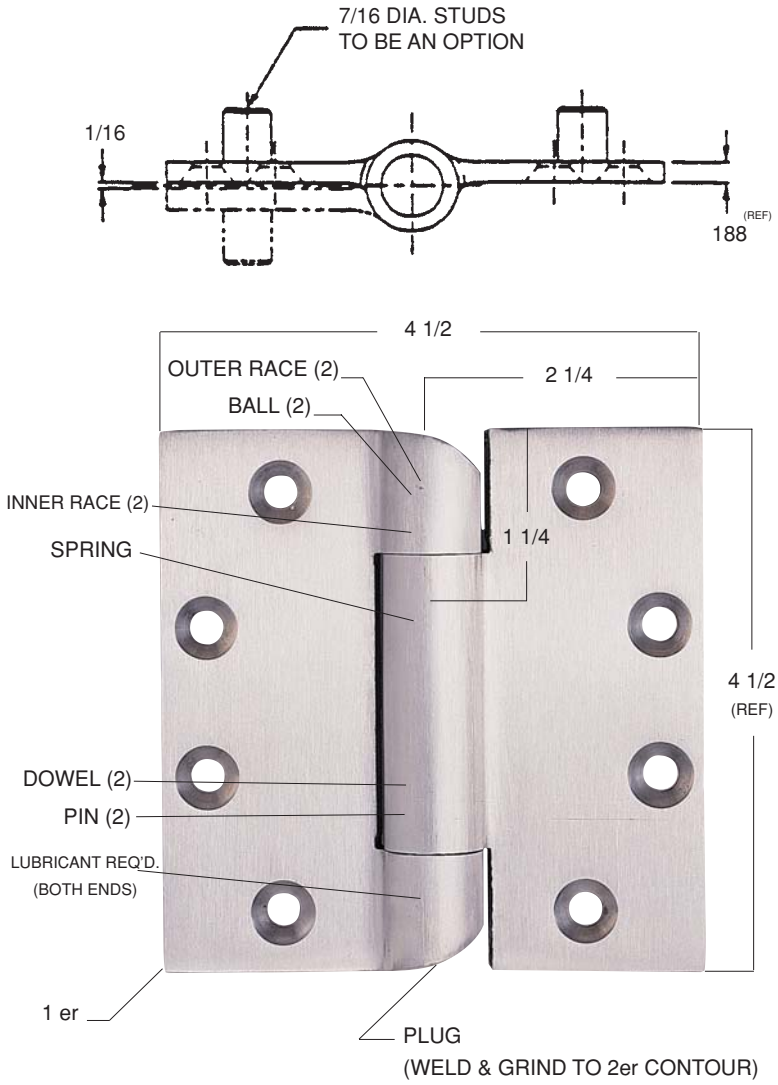
1. Corrosion resistance material, Investment cast stainless steel leaves, hinge pins and ball bearings. Hardened tool steel ball races.
2. Hospital Tips and internal cast anti-shear studs.
3. Precision machined to accept self-lubricating, Maintenance free.
4. Type 440C stainless steel ball bearing & RC 58-62, Grade 200.
5. Type 304 free cutting stainless steel pin for Additional wear.
6. Meet NFPA 80 and Ansi 156.1 Grade 1, 3 million cycles, Static Load and salt spray test.
7. Reversible, non-handed.
8. Full and half mortise applications.
9. Flat recess head stainless steel machine screw 12-20 x 1/2".
10. For use on Detention Industry or any application where severe loads from blast pressure wave, seismic event or high wind velocity etc.

—超強鉸鏈，重門專用。

—全不鏽鋼製造，隱藏式滾珠培林，通過 **400** 萬次重門反覆開關測試。

—符合美國國家防火局第 **80** 章標準。

—符合美國國家標準局 **ANS;156.1** 一級標準



Hinge size (inches)	Net weight per piece	Gauge of mat	qty & size of screws	Thrust capacity (Lbs)	Radial capacity (Lbs)
4-1/2 x 4-1/2	1.8 Lbs	.188	8-1/2 x 12-20	500 Lbs	200 Lbs
5 x4-1/2	2.0 Lbs	.188	8-1/2 x 12-20	550 Lbs	220 Lbs

LEON/MCKIN

#3000 系列安全級標準防火門鎖 Rim Type Exit Device
#7000 系列火級標準防火門鎖 Fire Exit Device
#3100 系列安全級天地防火門鎖Vertical Rod Panic Exit Device
#7100 系列火級天地防火門鎖 Vertical Rod Fire Exit Device
ANSI A156.3, Grade 1

C UL US LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)

Features & Construction

- ANSI A156.3, Grade 1 heavy duty exit device in surface vertical rod and rim designs.
- UL Listed for Panic and UL 10C, UBC 7-2-1997 codes.
- UL Listed for Fire Exit Hardware. **3 hours.**
- (A) label rating on pairs of doors up to 8'0" x 8'0" swinging in same or opposite directions.
- Uncompromising security and safety in single and double fire exit doors.
- Chassis mounted unit construction.
- Available in many different functions. Lever and escutcheon tirms are grade 1 construction with clutch freewheeling mechanism. Rose and escutcheon covers 161 cut out.

—符合美國國家安全標準局 **Ansi A156.3** 一級標準規格。
—符合美國公共安全殘障法規。
—通過美國 **UL 3** 小時防火測試。
—通過 **UL IOC. UBC 7-2-1997** 標準認證。

Suggested Architect's Specifications

- All exit devices shall be of touch bar design with smooth operation and be operative over 2/3 of the door's clear opening width.
- All exit devices must be listed under "Panic Hardware" in the Accident Equipment List of Underwriter's Laboratories, Inc. Where labeled doors are used as exits, they must be equipped with labeled Fire Exit Hardware and UL 10C, UBC 7-2-1997 codes.
- All springs shall be of stainless steel throughout.
- All exit devices shall be of chassis mounted unit construction.
- All exit device shall be ANSI A156.3, Grade 1.

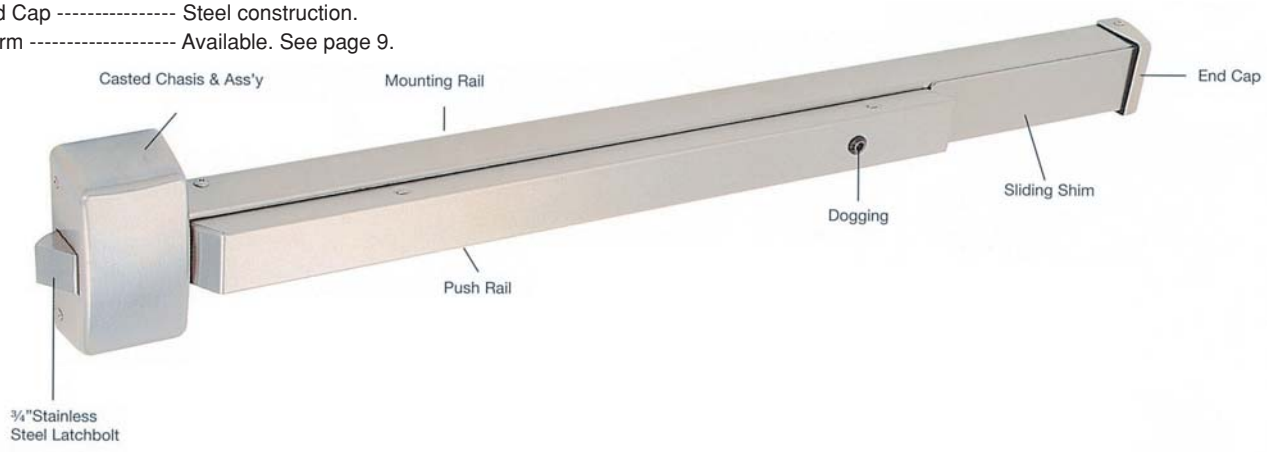
LEON/MCKIN #3000 & #7000 Rim Type and Fire Exit Device

#3000 及 #7000 安全級及火級標準防火門鎖

c UL US LISTED
CONFORMS TO STANDARDS
UL 10C AND UBC 7-2 (1997)

Specifications

For Doors ---------- 1 3/4" thick standard optional 2 1/4" thick. 4 1/2" minimum stile width required for signle or double door application using standard 239 strike and pull or lever trims.
Chassis ---------- Nonferrous alloy (Panic Grade), steel (Fire Grade).
Cover ---------- Nonferrous alloy. Cover stock hollow metal doors with 161 cutout.
Mounting ---------- Furnished standard with wood and machine screws. Available with thru bolts on request.
End Cap ---------- Steel construction.
Alarm ---------- Available. See page 9.

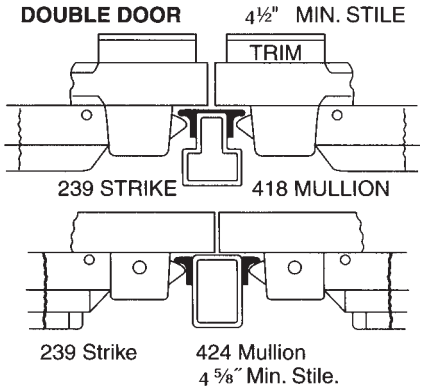


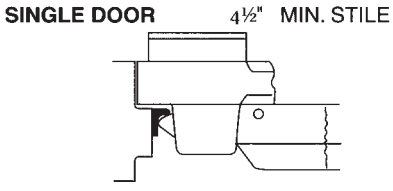
Hand ---------- Non handed, center hub.
Latch Bolt ---------- Stainless steel 3/4" throw.
Spring ---------- Stainless steel throughout.
ANSI standard --------- A156.3, Grade 1.
Rail Assembly --------- Heavy gauge steel, painted.
Strike ---------- 239 packed atandard (see strike page).
Dogging Feature ------ Allen-type key furnished standard on non-fire labeled devices. Cylinder dogging available.
Mullion ---------- Available.
UL and ULC Listed --- 3000 Series for panic. 7000 Series for fire exit hardware for all types of 4' x 8' single doors and 8' x 8' double doors for up to 3 hours fire labeled installations, conforms to standards UL 10C and UBC 7-2-1997 codes.
Finish ---------- Alum/Duro/Gold
Door size ---------- 32" / 36" / 48"

※規格：

—使用在 **45mm** 門厚，補強範圍 **115mm** 左右。
—安全級，使用鋁合金底座。火級，使用脫臘鋼鐵底座。
—頭蓋，使用鋅合金製造。
—螺絲，使用木螺絲、機械螺絲、另有貫穿螺絲。
—尾蓋，使用沖壓鋼鐵製造。
—也可有警報配件搭配。
—左右向門皆適合。
—舌頭，為不鏽鋼粉末冶金製造，舌長 19mm 。
—彈簧，全不鏽鋼。
—推把及座把，皆為折壓鋼鐵製造。
—封口，為脫臘鋼鐵或鍛銅製造。
—安全級有常開裝置，唯火級不可配置常開裝置。
—顏色選擇有：鋁色、黑色、金色。
—使用在門規： **1) 4** 呎寬 **x 8** 呎高 單扇門 **2) 8** 呎寬 **x 8** 呎高 雙扇門
3) 門寬 **813mm** 或 **914mm** 或 **1219mm** **4)** 安裝在地板算上來 **1043mm** 位置。

Minimum Stile Requirements
4" escutcheon trims & 4½" for thumbpiece and rose trims





Dimensions

Touchbar height to finished floor	41"(1043mm) at center
Touchbar projection	
neutral	2 1/2"(64mm)
depressed	1 3/4"(45mm)
Center case	5 1/8" x 2 3/4" x 2(129mm x 69mm x 52mm)
Device length - Short 3' (914mm)	2' 9" x 3'(840mm to 914mm) door size
Long 4' (1219mm)	2' 9" x 4'(1145mm to 1219mm) door size

※產品尺寸：

—常態時 **64mm**
—壓開時 **45mm**
—頭座 **129mm x 69mm x 52mm**
—長度 短型適用在門寬 **840mm~914mm**
長型適用在門寬 **1145mm~1219mm**

LEON/MCKIN #3100 & #7100 Vertical Rod Type Exit Device

#3100 及 #7100 安全級及火級天地型防火門鎖

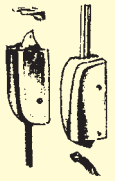
c UL us LISTED
CONFORMS TO STANDARDS
UL 10C AND UBC 7-2 (1997)

Specifications

For Doors ---------- 1 3/4" thick standard optional 2 1/4" thick. 4 1/2" minimum stile width required for signle or double door application using standard 239 strike and pull or lever trims.
Chassis ---------- Nonferrous alloy (Panic Grade), steel (Fire Grade).
Cover ---------- Nonferrous alloy. Cover stock hollow metal doors with 161 cutout.
Mounting ---------- Furnished standard with wood and machine screws. Available with thru bolts on request.
Alarm ---------- Available. Prefix "Alrm" before part #.
End Cap ---------- Steel construction.
Hand ---------- Easily field reversible. Specify at time of order LHRB, RHRB for convenience.
UL and ULC Listed -- 3100 Series for panic. 7100 Series for fire exit hardware for all types of 8' x 8' double doors for up to 3 hours fire labeled installations, conforms to standards UL 10C and UBC 7-2-1997 codes.
Dogging Feature ------ Allen-type key furnished standard on non-fire labeled devices.
Finish ---------- Aluminum (alum), dark bronze duranodic (duro), gold.
Rail Assembly --------- Heavy gauge steel, painted.
Latch Bolt,Spring ----- Stainless steel.
ANSI standard --------- A156.3, Grade 1.
Rail Assembly --------- Heavy gauge steel, painted.
Strike ---------- see strike page.
Door size ---------- 36" x 84" / 48" x 96" / 36" x 96" doors.

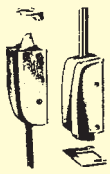
Panic Device

Top case has a latch retracting lever which holds bottom latch bolt retracted during the swing of the door. Pullman latch top and bottom.



Fire Device

Bottom case has a sliding bolt which is held retracted by a latch retracting lever in the top case during the swing of the door. Bottom bolt has 7/16" movement, with adjustable projection up to 3/4".



※規格：

—使用在 **45mm** 門厚，補強範圍 **96mm** 左右。
—安全級，使用鋁合金天地底座。火級，使用脫臘鋼鐵天地底座。
—頭蓋，使用鋅合金製造。
—螺絲，使用木螺絲、機械螺絲、另有貫穿螺絲。
—尾蓋，使用沖壓鋼鐵製造。
—也可有警報配件搭配。
—有分左向門、右向門，訂貨時須註明。

—上下舌頭皆為不鏽鋼製造。
—彈簧，全不鏽鋼。
—推把及座把，皆為折壓鋼鐵製造。
—封口，為脫臘鋼鐵或鍛銅製造。
—安全級有常開裝置，唯火級不可配置常開裝置。
—顏色選擇有：鋁色、黑色、金色。
—使用在門規：**（1）8** 呎寬 **x 8** 呎高 雙扇門 **（2）**門寬 **914mmx** 門高 **2134mm** 或門寬 **914mmx** 門高 **2439mm** 或門寬 **1219mmx** 門高 **2439mm （3）**安裝在地板算上來 **1043mm** 位置。

Dimensions

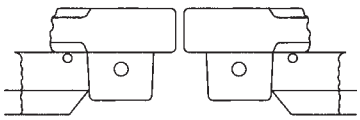
Touchbar height to finished floor	41"(1043mm) at center
Touchbar projection	
neutral	2 1/2"(64mm)
depressed	1 3/4"(45mm)
Center case	5 1/8" x 2 3/4" x 2(129mm x 69mm x 52mm)
Device length - Short 3' (914mm)	2' 9" x 3'(840mm to 914mm) door size
Long 4' (1219mm)	2' 9" x 4'(1145mm to 1219mm) door size
Panic grade top & bottom latch case	3 15/16" x 2 1/8" x 1 3/8"(100mm x 52mm x 42mm)
Fire grade top latch case	3 15/16" x 2 11/16" x 2 1/16"(100mm x 68mm x 53mm)
Fire grade bottom latch case	3 15/16" x 2 1/8" x 1 3/8"(100mm x 52mm x 42mm)
top and bottom rod length for 36" x 84" doors	Top rod 43 1/4"(1100mm), bottom rod 37 3/4"(960mm)
top and bottom rod length for 48" x 96" doors	Top rod 53 1/16"(1350mm), bottom rod 37 3/4"(960mm)
Vertical rods	1/2"(13mm) Round tubing.

※產品尺寸：

—常態時 **64mm**
—壓開時 **45mm**
—頭座 **129mm x 69mm x 52mm**
—長度 短型適用在門寬 **840mm~914mm**
長型適用在門寬 **1145mm~1219mm**
—安全級 上下座 **100mm x 52mm x 42mm**
—火級 上座 **100mm x 68mm x 53mm**
—火級 下座 **100mm x 52mm x 42mm**
—安全 / 火級 上桿 **1100mm**（使用在門寬 **914mm x** 門高 **2134mm**）
—安全 / 火級 上桿 **1350mm**（使用在門寬 **1219mm x** 門高 **2439mm**）
—安全 / 火級 下桿 全部一個尺寸 **960mm**
—上下桿徑 **13mm** ∅

Minimum Stile Requirements

Double Door-With Two Vertical Rod Type Exit Devices

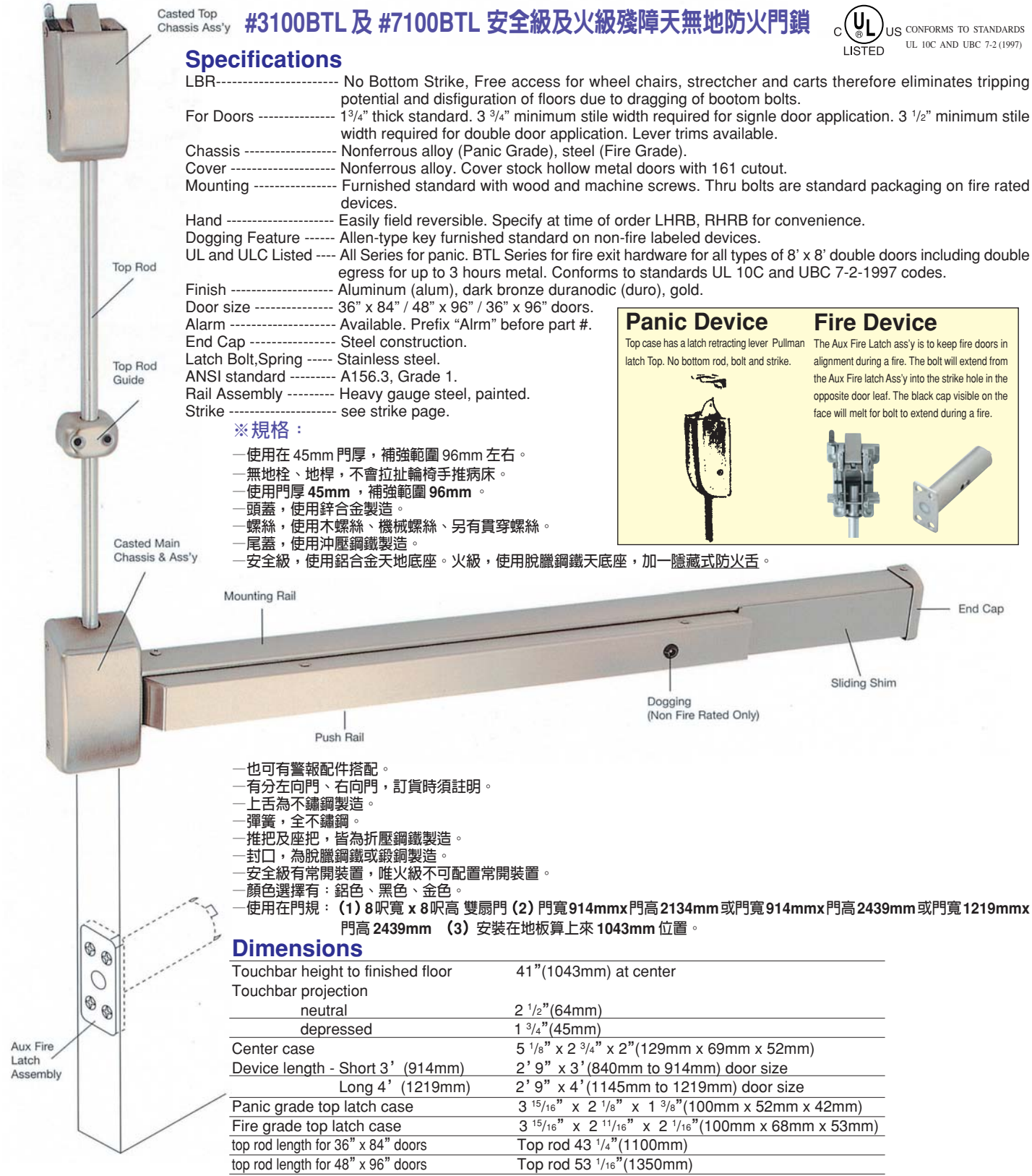


3 1/2" Min. Stile

LEON/MCKIN #3100-BTL & #7100-BTL Vertical Rod Type Exit Device Less Bottom Rod - LBR

#3100BTL 及 #7100BTL 安全級及火級殘障天無地防火門鎖

c UL us LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)



Specifications

LBR---------- No Bottom Strike, Free access for wheel chairs, strectcher and carts therefore eliminates tripping potential and disfiguration of floors due to dragging of bootom bolts.
For Doors ---------- 1 3/4" thick standard. 3 3/4" minimum stile width required for signle door application. 3 1/2" minimum stile width required for double door application. Lever trims available.
Chassis ---------- Nonferrous alloy (Panic Grade), steel (Fire Grade).
Cover ---------- Nonferrous alloy. Cover stock hollow metal doors with 161 cutout.
Mounting ---------- Furnished standard with wood and machine screws. Thru bolts are standard packaging on fire rated devices.
Hand ---------- Easily field reversible. Specify at time of order LHRB, RHRB for convenience.
Dogging Feature ------ Allen-type key furnished standard on non-fire labeled devices.
UL and ULC Listed ---- All Series for panic. BTL Series for fire exit hardware for all types of 8' x 8' double doors including double egress for up to 3 hours metal. Conforms to standards UL 10C and UBC 7-2-1997 codes.
Finish ---------- Aluminum (alum), dark bronze duranodic (duro), gold.
Door size ---------- 36" x 84" / 48" x 96" / 36" x 96" doors.
Alarm ---------- Available. Prefix "Alrm" before part #.
End Cap ---------- Steel construction.
Latch Bolt,Spring ----- Stainless steel.
ANSI standard --------- A156.3, Grade 1.
Rail Assembly --------- Heavy gauge steel, painted.
Strike ---------- see strike page.

Panic Device

Top case has a latch retracting lever Pullman latch Top. No bottom rod, bolt and strike.

Fire Device

The Aux Fire Latch ass'y is to keep fire doors in alignment during a fire. The bolt will extend from the Aux Fire latch Ass'y into the strike hole in the opposite door leaf. The black cap visible on the face will melt for bolt to extend during a fire.

※規格：

—使用在 45mm 門厚，補強範圍 96mm 左右。
—無地栓、地桿，不會拉扯輪椅手推病床。
—使用門厚 **45mm** ，補強範圍 **96mm** 。
—頭蓋，使用鋅合金製造。
—螺絲，使用木螺絲、機械螺絲、另有貫穿螺絲。
—尾蓋，使用沖壓鋼鐵製造。
—安全級，使用鋁合金天地底座。火級，使用脫臘鋼鐵天底座，加一隱藏式防火舌。
—也可有警報配件搭配。
—有分左向門、右向門，訂貨時須註明。
—上舌為不鏽鋼製造。
—彈簧，全不鏽鋼。
—推把及座把，皆為折壓鋼鐵製造。
—封口，為脫臘鋼鐵或鍛銅製造。
—安全級有常開裝置，唯火級不可配置常開裝置。
—顏色選擇有：鋁色、黑色、金色。
—使用在門規：**（1）8呎寬 x 8呎高 雙扇門 （2）門寬914mmx門高2134mm或門寬914mmx門高2439mm或門寬1219mmx門高 2439mm （3）**安裝在地板算上來 **1043mm** 位置。

Dimensions

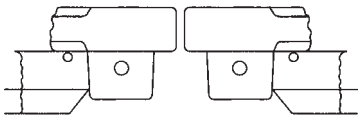
Touchbar height to finished floor	41"(1043mm) at center
Touchbar projection	
neutral	2 1/2"(64mm)
depressed	1 3/4"(45mm)
Center case	5 1/8" x 2 3/4" x 2"(129mm x 69mm x 52mm)
Device length - Short 3' (914mm)	2' 9" x 3'(840mm to 914mm) door size
Long 4' (1219mm)	2' 9" x 4'(1145mm to 1219mm) door size
Panic grade top latch case	3 15/16" x 2 1/8" x 1 3/8"(100mm x 52mm x 42mm)
Fire grade top latch case	3 15/16" x 2 11/16" x 2 1/16"(100mm x 68mm x 53mm)
top rod length for 36" x 84" doors	Top rod 43 1/4"(1100mm)
top rod length for 48" x 96" doors	Top rod 53 1/16"(1350mm)
Vertical rods	1/2"(13mm) Round tubing.

※產品尺寸：

—常態時 **64mm**
—壓開時 **45mm**
—頭座 **129mm x 69mm x 52mm**
—長度 短型適用在門寬 **840mm~914mm**
長型適用在門寬 **1145mm~1219mm**
—安全級 上下座 **100mm x 52mm x 42mm**
—火級 上座 **100mm x 68mm x 53mm**
—安全 / 火級 上桿 **1100mm**（使用在門寬 **914mm x** 門高 **2134mm**）
—安全 / 火級 上桿 **1350mm**（使用在門寬 **1219mm x** 門高 **2439mm**）
—上桿徑 **13mm** ∅

Minimum Stile Requirements

Double Door-With Two Vertical Rod Type Exit Devices



3 1/2" Min. Stile

LEON/MCKIN Alarm Exit Hardware

#ALM 3000-36 安全級警報防火門鎖
#ALM 7000-36 火級警報防火門鎖

C UL US LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)

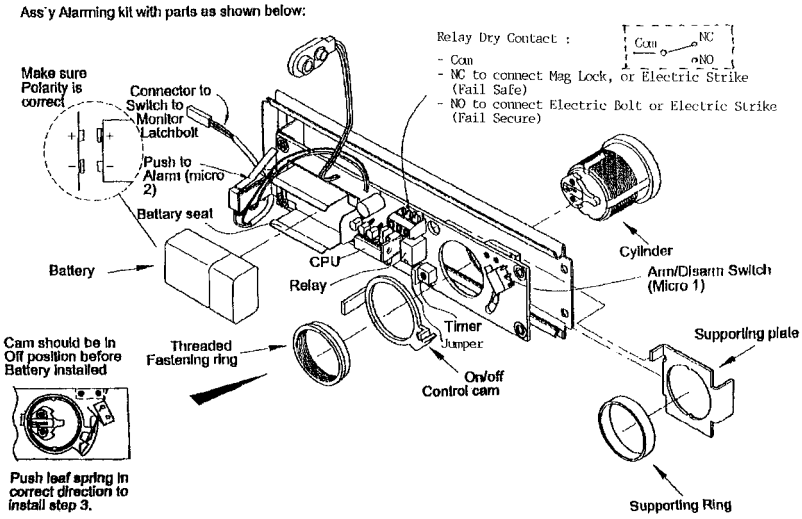
Rim Type Exit Devices

ALM 3000-36 Alarm rim type 36" door (panic grade)
ALM 3000-48 Alarm rim type 48" door (panic grade)
ALM 7000-36 Alarm rim type 36" door (fire grade)
ALM 7000-48 Alarm rim type 48" door (fire grade)

Vertical Rod Type Exit Devices

Prefix "ALM" before part #.
天地防火門鎖系列，型號前加上"**ALM**"，就是警報防火門鎖。

※警報防火門鎖
— **NC** 端可接電磁門扣陰極鎖，以便斷電時開門。
— **ND** 端可接陽極鎖、陰極鎖，以便斷電時關門。



Dimensions

Alarm units has an internal horn. When the push rail is depressed, the horn sounds to provide audible an means of signaling that the door has been opened and violated,
The unit has changeable 2 minute alarm cutoff or manual reset. Preset at factory for 2 minute alarm cut off.
Jumper cable is provided to swich to continuous alarm.
The key switch to turn the alarm off is a standard 1 1/4" cylinder with "C" keyway. The alarm operates on one standard 9 volt transistor battery. when battery is weak the horn will emit an intermittent signal.
Alarmed units are supplied with two switches. One switch moniters the push rail and the other switch monitors the latchbolt for full proof security.
Unit includes "emergency exit only. Alarm will sound" decal for application on door or unit.

※警報配件設計有
—喇叭，非法推開時，警報作用。
—警報 2 分鐘自動停止警報。
—鎖頭功能在可以鑰匙轉動控制開或關掉警報系統。
—配置 9 伏特電池，電量不足時會自動嗶嗶警示更換電池。
—配置 2 個微動開關，一個監控舌頭，另一個監控壓體。
—貼有緊急逃生門之標籤。

LEON/MCKIN Trim Selection 門外配鎖

C UL US LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)

Lever Design 殘障把手鎖

Non handed Grade 1
Cylindrical body hardened steel heavy duty tailpiece.
For 1 3/4" and 2 1/4" doors. Available for fire and non fire rated rim and veritcal rod exit devices.
Rose diameter 3 1/2", lever length 4 3/4". Fits and covers 161 cutout.

Finishes: US26D, US10B, US3, US4.

8000/L Entrance 大門功能
Key retracts latrchbolt,
operates as classroom finction
unlocks lever.
ANSI Function - 08

CLU5000L Cluth Free Wheeling(ENTRANCE)
Key operation latchbolt,
unlocked lever.
ANSI Function - 08

8000/S Storeroom 倉儲功能
Key operation lever,
otherwise always locked.
ANSI Function - 04

8000/P Passage 通道功能
Lever always operable and free.
ANSI Function - 15

8000/D Dummy 假鎖裝飾功能
Dummy trim. One sided.
ANSI Function - 10

Keyway:

Standard 6-pin "C" keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Assa, and Kaba high securitycylinders.

Knob Design

Non handed Grade 2
Cylindrical body hardened steel heavy duty tailpiece.
For 1 3/4" doors. Available for fire and non fire rated rim and veritcal rod exit devices.
Rose diameter 3". Fits and covers 161 cutout.

Finishes: US26D

8000/K Entrance 大門功能
Key retracts latrchbolt,
unlocks knob.
ANSI Function - 08

8000/KS Storeroom 倉儲功能
Key operation knob, otherwise
always locked.
ANSI Function - 04

8000/KP Passage 通道功能
Knob always operable and free.
ANSI Function - 15

8000/KD Dummy 假鎖裝飾功能
Dummy trim. One sided.
ANSI Function - 10

#3000DTP	#3000EOP	#3000NL
Outside pull when push bar is locked down.	Blank plate to cover 161 cutout.	Outside by pull and key.
02/10 Function	10 Function	03/04 Function

LEON/MCKIN Trim Selection 門外配鎖

Escutcheon lever design 面板水手把手鎖

Construction
Grade 1, thrubolted design, clutch freewheeling. Non handed design. Easily field reversible.
Hardened ateel heavy duty tailpiece. Available for fire and non fire rated rim and vertical rod exit devices.

Finished
Power coated aluminum (alum)
Power coated dark bronze duranodic (duro)
Power coated glod

Door Thickness
Standard 1 3/4".

Escutcheon Dimensions
2 5/16" width x 8 1/2" length. Lever length: 4 3/4". Fits and covers 2 1/8" 161 cutout..

ESC-00 Entrance 大門功能
Key locks or unlocks thumbpiece.
ANSI Fuction - 13 / 63

ESC-05 Storeroom 倉儲功能
Key retracts latchbolt, otherwise always locked.
ANSI Fuction - 04

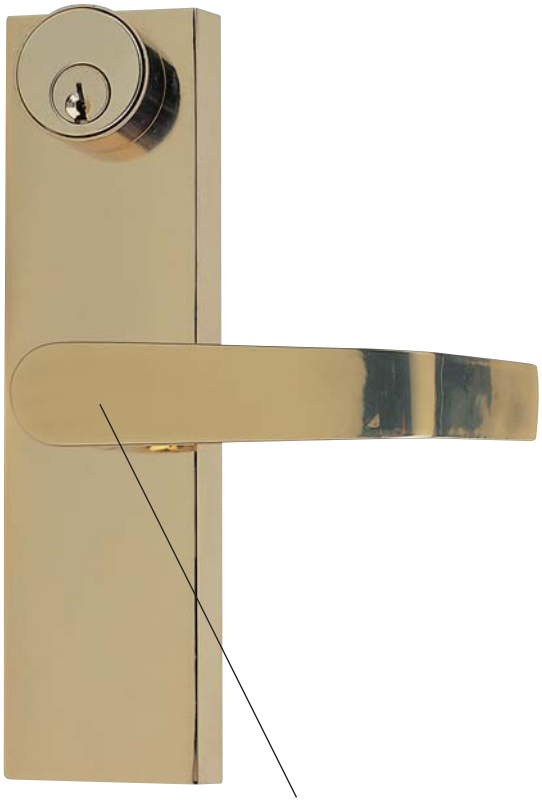
ESC-30 Passage 通道功能
Trim always operable and free.
ANSI Fuction - 15 / 62

ESC-40 Dummy 假鎖裝飾功能
Tummy trim. One sided.
ANSI Fuction - 10

Keyway:
Standard 6-pin “C” keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Assa, and Kaba high security cylinders.

Interchangeable Core
Interchangable core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.

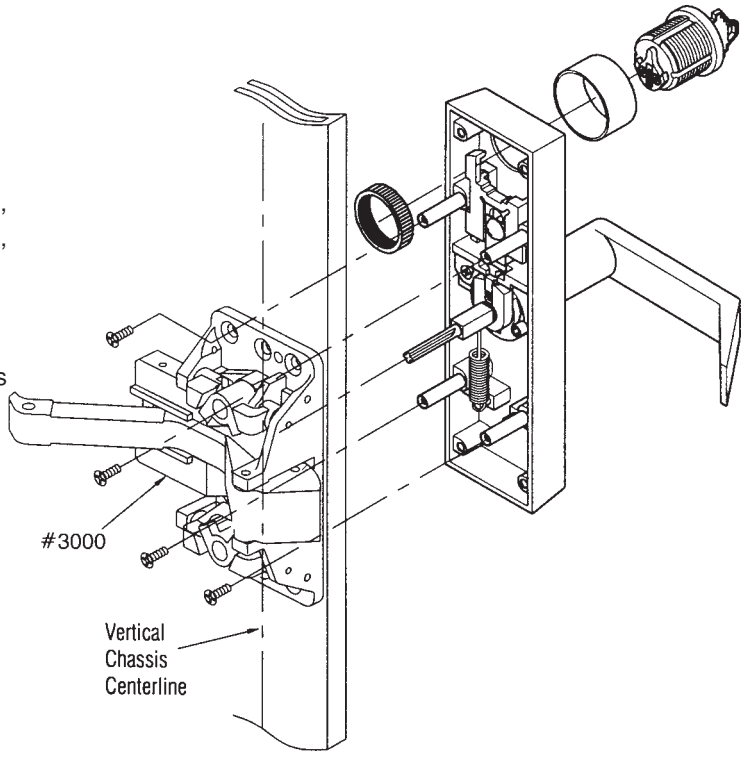
※結構
—1段結構，貫穿螺絲接裝。
—空轉設計。
—左右向門皆適用。
—標準型號及天地型防火門鎖皆適用。



CLUTCH FREEWHEELING

※表面顏色選擇
—鋁色
—黑色
—金色

※適用門厚 45mm



LEON/MCKIN Trim Selection 門外配鎖

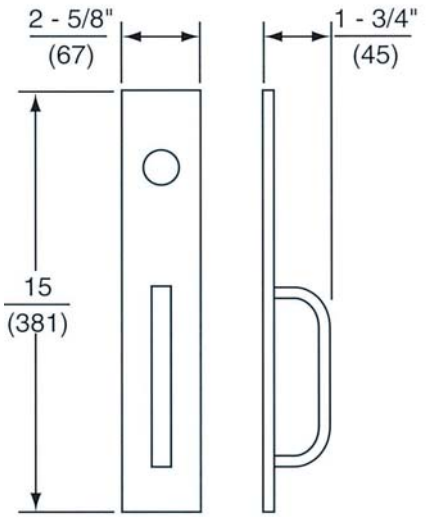
Thumbpiece Trim 面板大拇指拉把鎖

THP-00 Entrance 大門功能
Key locks or unlocks thumbpiece.
ANSI Function - 13 / 63

THP-05 Storeroom 倉儲功能
Key retracts latchbolt, otherwise always locked.
ANSI Function - 04

THP-30 Passage 通道功能
Trim always operable and free.
ANSI Function - 15 / 62

THP-40 Dummy 假鎖裝飾功能
Tummy trim. One sided.
ANSI Function - 10



Keyway:

Standard 6-pin “C” keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Assa, and Kaba high securitycylinders.

Interchangeable Core

Interchangable core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.

Finished

Power coated aluminum (alum), dark bronze duranodic (duro), glod.

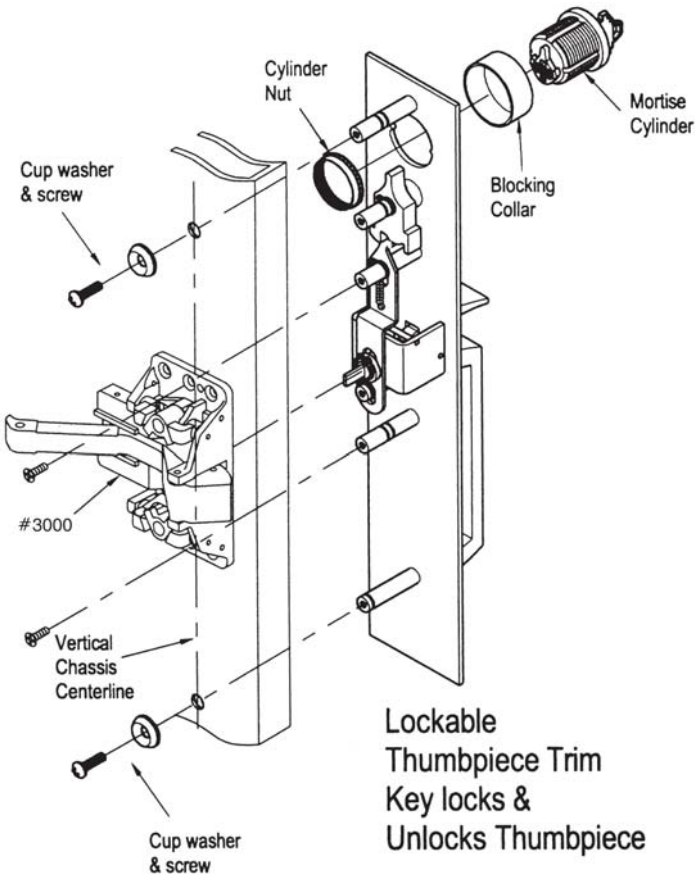
Door Thickness

Standard 1 3/4".

※結構
—貫穿螺絲按裝。
—左右向門皆適用。
—標準型號及天地型防火門鎖皆適用。

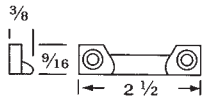
※表面顏色選擇
—鋁色
—黑色
—金色

※適用門厚 45mm

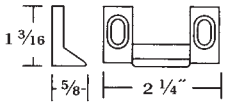


Strikes for use with 3100 vertical rod exit device
安全級天地型防火門鎖封口座

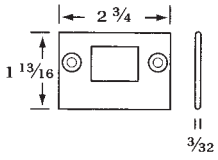
221
Standard for 3100. Applied to surface of floor or to a flat threshold. Standard packaging.
地梢用封口



227
Applied to surface of stop. No mortise required. Standard packaging.
天梢用封口

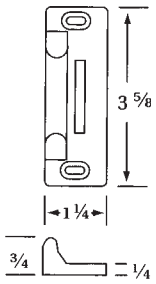


233
Bottom strike. Alternate bottom strike. Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor.
地梢用崁入型封口



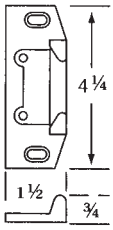
Strike for use with 3000 rim type exit device 安全級標準型防火門鎖封口座

239
For 3000 surface applied. Standard packaging.

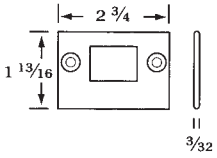


Strikes for use with 7100 vertical rod fire rated exit device
火級天地型防火門鎖封口座

245
Standard for 7100. Standard packaging.
天梢用封口

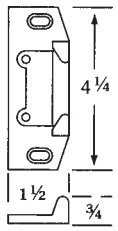


233
Bottom strike for 7100. Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor. Standard packaging.
地梢用崁入型封口



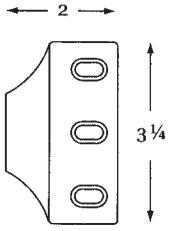
Strike for use with 7000 rim fire exit device
火級標準型防火門鎖封口座

245
For 7000 surface applied. Standard packaging.



Overlapping Strike
雙扇門用封口

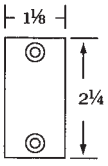
251
Surface applied. Used on inactive leaf for device on active keaf of pair of doors without mullion.



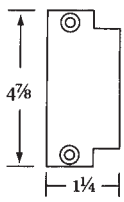
在雙扇門的情形下，不按裝龍條時，裝在第一順位門。

Additional Strikes

LFF
Lock front filler.
蓋洞板（舌洞處）



SF
Strike filler.
蓋洞板（封口洞處）



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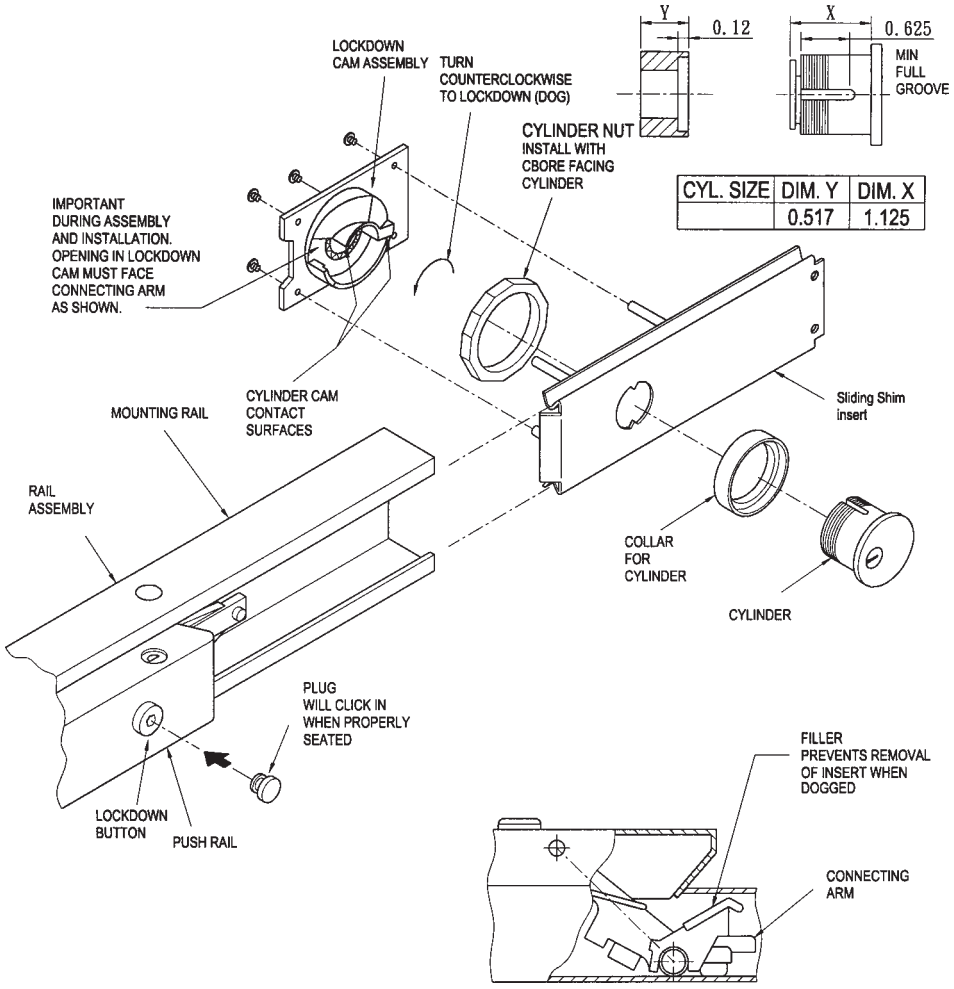
Glass Bead Shim Kits 墊片

401 - For rim tyoe, 1/8" thick 標準型用
406 - For vertical type, 1/8" thick 安全級天地防火門鎖用
412 - For fire rated vertical type, 1/8" thick 火級天地防火門鎖用
When exit device are used with shim kits with outside trim, spindle length thumbpiece and thru bolt length must be increased accordingly. 注意，使用墊片墊高防火門鎖按裝時，門外配鎖的轉軸及貫穿螺絲皆得加長。

Cylinder Dogging Kits 常開控制裝置

Prefix "CD" before part#. Available for all 3000 Series devices except fire exit hardware. Cylinder dogging with a mortise cylinder is located on the mounting insert lock bolt in retracted position. 27" minimum door width is required.

Cyl dogging Kits Panic Rim & Vert Rod Device



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LEON/MCKIN Fire Exit Hardware Selection 火級防火門鎖按裝使用範圍

FIRE EXIT HARDWARE			UL FIRE DOOR RATING 使用防火標籤
APPLICATION 適用門規範圍	**MODEL NUMBER** 型 號	**MAXIMUM DOOR OPENING** 門開尺寸	**(A) 3 HOUR** 3 小時
SINGLE DOORS 單扇門 Rim type	7000-36 7000-48	**4'0" X 8'0"**	✓
PAIRS OF DOORS 雙扇門 Two surface mounted standard vertical rod type or less bottom rod(LBR) application. Prefix BTL before Part# 雙天地型或雙天無地型 a) Swinging in same direction b) Swinging in opposite direction (double egress) a) 同向開式 b) 一門內開 / 另一門外開式	7100-3684 X 7100-3684	**8'0" X 7'2"**	✓
	7100-3696 X 7100-3696 7100-4896 X 7100-4896	**8'0" X 8'0"**	✓
PAIRS OF DOORS 雙扇門 Two rim typr with mullion	7000-36 7000-48	**8'0" X 8'0"**	✓

All fire rated exit devices in all applications, are also labeled for (B) 1½" hour, (C) 1¼" hour, (D) 1 hour, (E) ¾" hour.
- 所有所列火級標籤涵蓋 B 標 1½" 小時， C 標 75 分鐘， D 標 1 小時， E 標 45 分鐘。
All fire exit hardware meet UL10C and UBC 7-2-1997 codes.
- 全皆符合美國 UL10C ， UB 7-2-1997 章節標準測試通過。

HOW TO ORDER INFORMATION 訂貨指南

Exit device model number 型號

Panic grade 安全級

3000-36 Rim type 36" door
3000-48 Rim type 48" door
3100-3684 Vertical rod type 36" x 84"
3100-3696 Vertical rod type 36" x 96"
3100-4896 Vertical rod type 48" x 96"
3100-36120 Vertical rod type 36" x 120"
3100-48120 Vertical rod type 48" x 120"

Fire grade 火級

7000-36 Rim type 36" door
7000-48 Rim type 48" door
7100-3684 Vertical rod type 36" x 84"
7100-3696 Vertical rod type 36" x 96"
7100-4896 Vertical rod type 48" x 96"

1) Specify exit device model number according to size of door. 型號是依門尺寸規格編列。
2) Specify trim selection. For interchangeable core prefix "IC" brfore part#. See page 3.
3) For vertical rod device pecify LHR (Left Hand Reverse) or RHR (Right Hand Reverse) for convenience easily field reverible, otherwise shipped as LHR. 訂天地型時，請示門向，左向或右向。
4) Specify finish 請示表面處理顏色選擇:
   Alim - Powder coated to match US26D.
   Duro - Powder coated to match US10B.
   Gold - Powder coated to match US4, US3.
5) On thru bolt applications, fire rated vertical rod device are packed with thru as standard feature. Thru bolts are also available for other device. To order thru bolts add "SBN" to trim pack.
   When ordering separately use following part#
   part# 357 — thru bolts for rim devices, 6PCs / pack. 貫穿螺絲標準型薄門用
   part# 369 — thru bolts for vertical rod devices, 14PCs / pack. 貫穿螺絲天地型薄門用
   part# 363 — thru bolts for rim devices, 6PCs / pack for 2¼" thick doors. 貫穿螺絲標準型厚門用
   part# 375 — thru bolts for vertical rod devices, 14PCs / pack for 2¼" thick doors. 貫穿螺絲天地型厚門用

LEON/MCKIN #6000 系列安全級標準防火門鎖 Rim Type Exit Device
#9000 系列火級標準防火門鎖 Fire Exit Device
#6100 系列安全級天地防火門鎖Vertical Rod Panic Exit Device
#9100 系列火級天地防火門鎖 Vertical Rod Fire Exit Device
ANSI A156.3, Grade 1

c UL us LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)

Features & Construction

- ANSI A156.3, Grade 1 heavy duty exit device in surface vertical rod and rim designs.
- UL Listed for Panic and UL 10C, UBC 7-2-1997 codes.
- UL Listed for Fire Exit Hardware. **3 hours.**
- (A) label rating on pairs of doors up to 8'0" x 8'0" swinging in same or opposite directions.
- Uncompromising security and safety in single and double fire exit doors.
- Chassis mounted unit construction.
- Available in many different functions. Lever and escutcheon tirms are grade 1 construction with clutch freewheeling mechanism. Rose and escutcheon covers 161 cut out.

Suggested Architect's Specifications

- All exit devices shall be of touch bar design with smooth operation and be operative over 2/3 of the door's clear opening width.
- All exit devices must be listed under "Panic Hardware" in the Accident Equipment List of Underwriter's Laboratories, Inc. Where labeled doors are used as exits, they must be equipped with labeled Fire Exit Hardware and UL 10C, UBC 7-2-1997 codes.
- All springs shall be of stainless steel throughout.
- All exit devices shall be of chassis mounted unit construction.
- All exit device shall be ANSI A156.3, Grade 1.

—符合美國國家安全標準局 **Ansi A156.3** 一級標準規格。
—符合美國公共安全殘障法規。
—通過美國 **UL 3** 小時防火測試。
—通過 **UL IOC. UBC 7-2-1997** 標準認證。

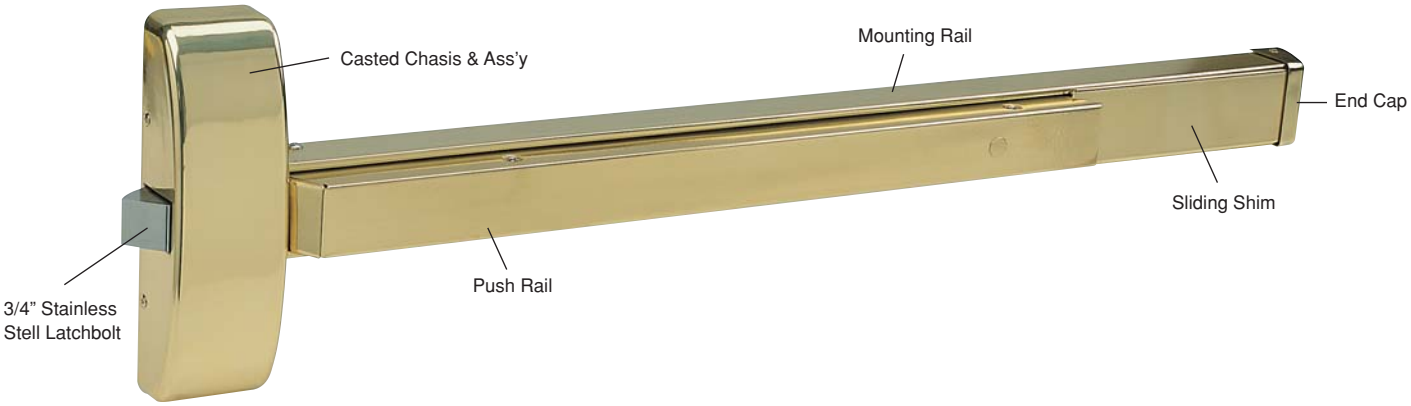
LEON/MCKIN #6000 & #9000 Rim Type and Fire Exit Device

#6000 及 #9000 安全級及火級標準防火門鎖

C UL US LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)

Specifications

For Doors ---------- 1 3/4" thick standard optional 2 1/4" thick. 4 1/2" minimum stile width required for signle or double door application using standard 239 strike and pull or lever trims.
Chassis ---------- Nonferrous alloy (Panic Grade), steel (Fire Grade).
Cover ---------- Drawn stainless steel, steel, or brass. Cover stock hollow metal doors with 161 cutout.
Mounting ---------- Furnished standard with wood and machine screws. Available with thru bolts on request.
End Cap ---------- Steel construction.
Alarm ---------- Available. See page 20.

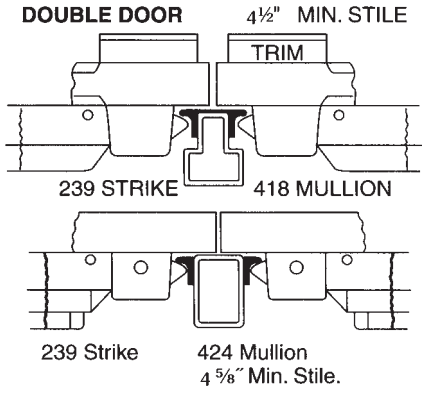


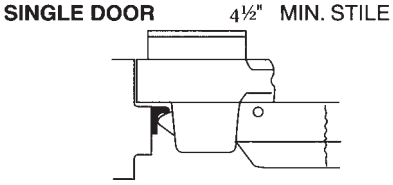
Hand ---------- Non handed, center hub.
Latch Bolt ---------- Stainless steel 3/4" throw.
Spring ---------- Stainless steel throughout.
ANSI standard --------- A156.3, Grade 1.
Rail Assembly --------- Heavy gauge steel, painted.
Strike ---------- 239 packed atandard (see strike page).
Dogging Feature ------ Allen-type key furnished standard on non-fire labeled devices. Cylinder dogging available.
Mullion ---------- Available.
UL and ULC Listed --- 6000 Series for panic. 9000 Series for fire exit hardware for all types of 4' x 8' single doors and 8' x 8' double doors for up to 3 hours fire labeled installations, conforms to standards UL 10C and UBC 7-2-1997 codes.
Finish ---------- Architectural plated finish. See page 20.
Door size ---------- 32" / 36" / 48"

※規格：

—使用在 **45mm** 門厚，補強範圍 **115mm** 左右。
—安全級，使用鋁合金底座。火級，使用脫臘鋼鐵底座。
—頭蓋，使用油壓不鏽鋼、鐵或銅製造。
—螺絲，使用木螺絲、機械螺絲、另有貫穿螺絲。
—尾蓋，使用沖壓鋼鐵製造。
—也可有警報配件搭配。
—左右向門皆適合。
—舌頭，為不鏽鋼粉末冶金製造，舌長 19mm 。
—彈簧，全不鏽鋼。
—推把及座把，皆為折壓鋼鐵製造。
—封口，為脫臘鋼鐵或鍛銅製造。
—安全級有常開裝置，唯火級不可配置常開裝置。
—顏色選擇有：請參照第 20 頁。
—使用在門規： **1. 4** 呎寬 **x 8** 呎高 單扇門 **2. 8** 呎寬 **x 8** 呎高 雙扇門
3. 門寬 **813mm** 或 **914mm** 或 **1219mm** **4.** 安裝在地板算上來 **1043mm** 位置。

Minimum Stile Requirements
4" escutcheon trims & 4½" for thumbpiece and rose trims





Dimensions

Touchbar height to finished floor	41"(1043mm) at center
Touchbar projection	
neutral	2 1/2"(64mm)
depressed	1 3/4"(45mm)
Center case	8 1/2" x 2 1/2" x 2(216mm x 63.5mm x 52mm)
Device length - Short 3' (914mm)	2' 9" x 3'(840mm to 914mm) door size
Long 4' (1219mm)	2' 9" x 4'(1145mm to 1219mm) door size

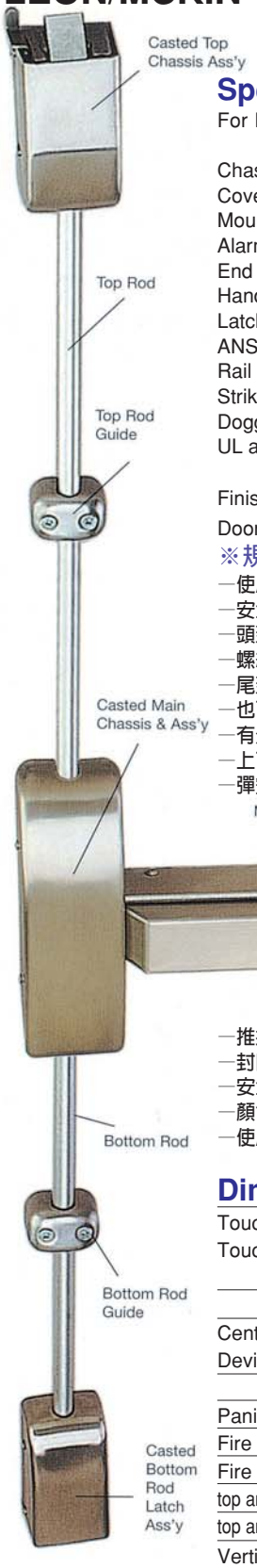
※產品尺寸：

—常態時 **64mm**
—壓開時 **45mm**
—頭座 **216mm x 63.5mm x 52mm**
—長度 短型適用在門寬 **840mm~914mm**

LEON/MCKIN #6100 & #9100 Vertical Rod Type Exit Device

#6100 及 #9100 安全級及火級天地防火門鎖

c UL us LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)



Specifications

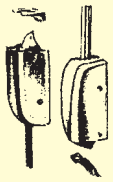
For Doors ---------- 1 3/4" thick standard optional 2 1/4" thick. 4 1/2" minimum stile width required for signle or double door application using standard 239 strike and pull or lever trims.
Chassis ---------- Nonferrous alloy (Panic Grade), steel (Fire Grade).
Cover ---------- Drawn stainless steel, steel, or brass. Cover stock hollow metal doors with 161 cutout.
Mounting ---------- Furnished standard with wood and machine screws. Available with thru bolts on request.
Alarm ---------- Available. Prefix "Alrm" before part #.
End Cap ---------- Steel construction.
Hand ---------- Easily field reversible. Specify at time of order LHRB, RHRB for convenience.
Latch Bolt,Spring ----- Stainless steel.
ANSI standard --------- A156.3, Grade 1.
Rail Assembly --------- Heavy gauge steel, painted.
Strike ---------- see strike page.
Dogging Feature ------ Allen-type key furnished standard on non-fire labeled devices.
UL and ULC Listed --- 6100 Series for panic. 9100 Series for fire exit hardware for all types of 8' x 8' double doors for up to 3 hours fire labeled installations, conforms to standards UL 10C and UBC 7-2-1997 codes.
Finish ---------- Architectural plated finish. See page 20.
Door size ---------- 36" x 84" / 48" x 96" / 36" x 96" doors.

※規格：

—使用在 **45mm** 門厚，補強範圍 **96mm** 左右。
—安全級，使用鋁合金天地底座。火級，使用脫臘鋼鐵天地底座。
—頭蓋，使用油壓不鏽鋼、鐵或銅製造。
—螺絲，使用木螺絲、機械螺絲、另有貫穿螺絲。
—尾蓋，使用沖壓鋼鐵製造。
—也可有警報配件搭配。
—有分左向門、右向門，訂貨時須註明。
—上下舌頭皆為不鏽鋼製造。
—彈簧，全不鏽鋼。

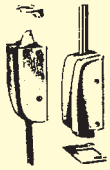
Panic Device

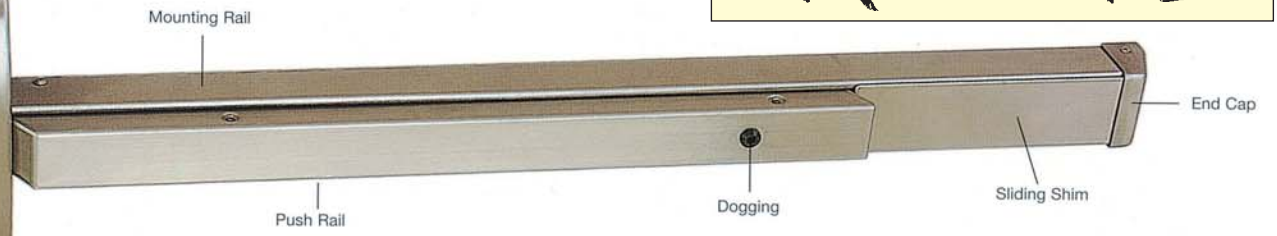
Top case has a latch retracting lever which holds bottom latch bolt retracted during the swing of the door. Pullman latch top and bottom.



Fire Device

Bottom case has a sliding bolt which is held retracted by a latch retracting lever in the top case during the swing of the door. Bottom bolt has 7/16" movement, with adjustable projection up to 3/4".





—推把及座把，皆為折壓鋼鐵製造。
—封口，為脫臘鋼鐵或鍛銅製造。
—安全級有常開裝置，唯火級不可配置常開裝置。
—顏色選擇有：請參照第 20 頁。
—使用在門規：**（1）8** 呎寬 **x 8** 呎高 雙扇門 **（2）**門寬 **914mmx** 門高 **2134mm** 或門寬 **914mmx** 門高 **2439mm** 或門寬 **1219mmx** 門高 **2439mm** **（3）**安裝在地板算上來 **1043mm** 位置。

Dimensions

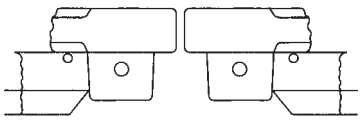
Touchbar height to finished floor	41"(1043mm) at center
Touchbar projection	
neutral	2 1/2"(64mm)
depressed	1 3/4"(45mm)
Center case	8 1/2" x 2 1/2" x 2(216mm x 63.5mm x 52mm)
Device length - Short 3' (914mm)	2' 9" x 3'(840mm to 914mm) door size
Long 4' (1219mm)	2' 9" x 4'(1145mm to 1219mm) door size
Panic grade top & bottom latch case	3 15/16" x 2 1/8" x 1 3/8"(100mm x 52mm x 42mm)
Fire grade top latch case	3 15/16" x 2 11/16" x 2 1/16"(100mm x 68mm x 53mm)
Fire grade bottom latch case	3 15/16" x 2 1/8" x 1 3/8"(100mm x 52mm x 42mm)
top and bottom rod length for 36" x 84" doors	Top rod 43 1/4"(1100mm), bottom rod 37 3/4"(960mm)
top and bottom rod length for 48" x 96" doors	Top rod 53 1/16"(1350mm), bottom rod 37 3/4"(960mm)
Vertical rods	1/2"(13mm) Round tubing.

※產品尺寸：

—常態時 **64mm**
—壓開時 **45mm**
—頭座 **129mm x 69mm x 52mm**
—長度 短型適用在門寬 **840mm~914mm**
長型適用在門寬 **1145mm~1219mm**
—安全級 上下座 **100mm x 52mm x 42mm**
—火級 上座 **100mm x 68mm x 53mm**
—火級 下座 **100mm x 52mm x 42mm**
—安全 / 火級 上桿 **1100mm**（使用在門寬 **914mm x** 門高 **2134mm**）
—安全 / 火級 上桿 **1350mm**（使用在門寬 **1219mm x** 門高 **2439mm**）
—安全 / 火級 下桿 全部一個尺寸 **960mm**
—上下桿徑 **13mm** ∅

Minimum Stile Requirements

Double Door-With Two Vertical Rod Type Exit Devices



3 1/2" Min. Stile

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LEON/MCKIN #6100-BTL & #9100-BTL Vertical Rod Type Exit Device Less Bottom Rod - LBR

#6100BTL 及 #9100BTL 安全級及火級殘障天無地防火門鎖

c UL us LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)

Specifications

LBR---------- No Bottom Strike, Free access for wheel chairs, strectcher and carts therefore eliminates tripping potential and disfguration of floors due to dragging of bootom bolts.
For Doors ---------- 1 3/4" thick standard. 3 3/4" minimum stile width required for signle door application. 3 1/2" minimum stile width required for double door application. Lever trims available.
Chassis ---------- Nonferrous alloy (Panic Grade), steel (Fire Grade).
Cover ---------- Drawn stainless steel, steel, or brass. Cover stock hollow metal doors with 161 cutout.
Mounting ---------- Furnished standard with wood and machine screws. Thru bolts are standard packaging on fire rated devices.
Alarm ---------- Available. Prefix "Airm" before part #.
End Cap ---------- Steel construction.
Hand ---------- Easily field reversible. Specify at time of order LHRB, RHRB for convenience.
Latch Bolt,Spring ----- Stainless steel.
ANSI standard --------- A156.3, Grade 1.
Rail Assembly --------- Heavy gauge steel, painted.
Strike ---------- see strike page.
Dogging Feature ------ Allen-type key furnished standard on non-fire labeled devices.
UL and UKC Kisted --- All Series for panic. BTL Series for fire exit hardware for all types of 8' x 8' double doors including double egress for up to 3 hours metal. Conforms to standards UL 10C and UBC 7-2-1997 codes.
Finish ---------- Architectural plated finish. See page 20.
Door size ---------- 36" x 84" / 48" x 96" / 36" x 96" doors.

※規格：

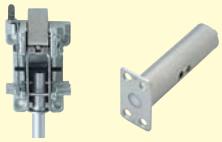
—使用在 **45mm** 門厚，補強範圍 **96mm** 左右。
—無地栓、地桿，不會拉扯輪椅手推病床。
—使用門厚 **45mm** ，補強範圍 **96mm** 。
—頭蓋，使用油壓不鏽鋼、鐵或銅製造。
—螺絲，使用木螺絲、機械螺絲、另有貫穿螺絲。
—尾蓋，使用沖壓鋼鐵製造。
—也可有警報配件搭配。
—有分左向門、右向門，訂貨時須註明。

Panic Device

Top case has a latch retracting lever Pullman latch Top. No bottom rod, bolt and strike.

Fire Device

The Aux Fire Latch ass'y is to keep fire doors in alignment during a fire. The bolt will extend from the Aux Fire latch Ass'y into the strike hole in the opposite door leaf. The black cap visible on the face will melt for bolt to extend during a fire.



—安全級，使用鋁合金天地底座。火級，使用脫臘鋼鐵天底座，加一隱藏式防火舌。
—上舌為不鏽鋼製造。
—彈簧，全不鏽鋼。
—推把及座把，皆為折壓鋼鐵製造。
—封口，為脫臘鋼鐵或鍛銅製造。
—安全級有常開裝置，唯火級不可配置常開裝置。
—顏色選擇有：請參照第 20 頁。
—使用在門規：**(1) 8**呎寬 **x 8**呎高 雙扇門 **(2)** 門寬**914mmx**門高**2134mm**或門寬**914mmx**門高**2439mm**或門寬**1219mmx**門高 **2439mm** **(3)** 安裝在地板算上來 **1043mm** 位置。

Dimensions

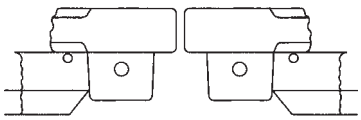
Touchbar height to finished floor	41"(1043mm) at center
Touchbar projection	
neutral	2 1/2"(64mm)
depressed	1 3/4"(45mm)
Center case	8 1/2" x 2 1/2" x 2(216mm x 63.5mm x 52mm)
Device length - Short 3' (914mm)	2' 9" x 3'(840mm to 914mm) door size
Long 4' (1219mm)	2' 9" x 4'(1145mm to 1219mm) door size
Panic grade top & bottom latch case	3 15/16" x 2 1/8" x 1 3/8"(100mm x 52mm x 42mm)
Fire grade top latch case	3 15/16" x 2 11/16" x 2 1/16"(100mm x 68mm x 53mm)
top and bottom rod length for 36" x 84" doors	Top rod 43 1/4"(1100mm), bottom rod 37 3/4"(960mm)
top and bottom rod length for 48" x 96" doors	Top rod 53 1/16"(1350mm), bottom rod 37 3/4"(960mm)
Vertical rods	1/2"(13mm) Round tubing.

※產品尺寸：

—常態時 **64mm**
—壓開時 **45mm**
—頭座 **216mm x 63.5mm x 52mm**
—長度 短型適用在門寬 **840mm~914mm**
長型適用在門寬 **1145mm~1219mm**
—安全級 上座 **100mm x 52mm x 42mm**
—火級 上座 **100mm x 68mm x 53mm**
—安全 / 火級 上桿 **1100mm**（使用在門寬 **914mm x** 門高 **2134mm**）
—安全 / 火級 上桿 **1350mm**（使用在門寬 **1219mm x** 門高 **2439mm**）
—上桿徑 **13mm** ∅

Minimum Stile Requirements

Double Door-With Two Vertical Rod Type Exit Devices



3 1/2" Min. Stile

LEON/MCKIN Alarm Exit Hardware

#ALM 6000-36 安全級警報防火門鎖
#ALM 9000-36 火級警報防火門鎖

C UL US LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)

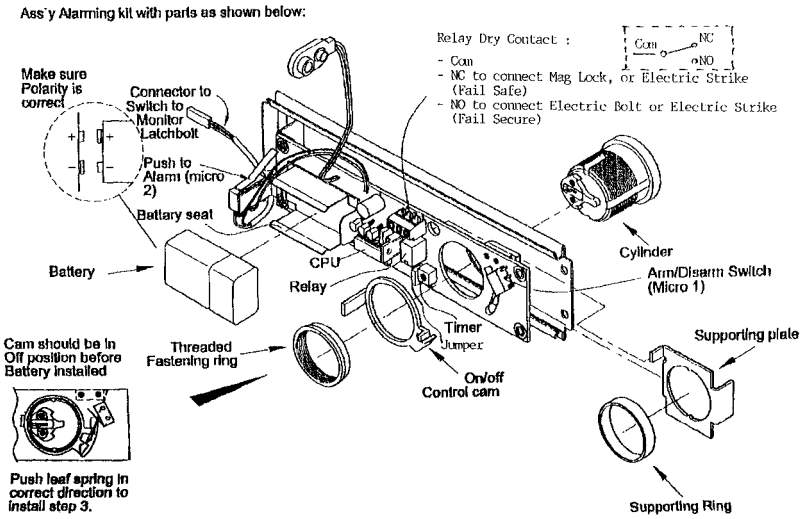
Rim Type Exit Devices

ALM 6000-36 Alarm rim type 36" door (panic grade)
ALM 6000-48 Alarm rim type 48" door (panic grade)
ALM 9000-36 Alarm rim type 36" door (fire grade)
ALM 9000-48 Alarm rim type 48" door (fire grade)

Vertical Rod Type Exit Devices

Prefix "ALM" before part #.
天地防火門鎖系列，型號前加上"ALM"，就是警報防火門鎖。

※警報防火門鎖
— **NC** 端可接電磁門扣陰極鎖，以便斷電時開門。
— **ND** 端可接陽極鎖、陰極鎖，以便斷電時關門。



Dimensions

Alarm units has an internal horn. When the push rail is depressed, the horn sounds to provide an audible an means of signaling that the door has been opened and violated,
The unit has changeable 2 minute alarm cutoff or manual reset. Preset at factory for 2 minute alarm cut off.
Jumper cable is provided to swich to continuous alarm.
The key switch to turn the alarm off is a standard 1 1/4" cylinder with "C" keyway. The alarm operates on one standard 9 volt transistor battery. when battery is weak the horn will emit an intermittent signal.
Alarmed units are supplied with two switches. One switch moniters the push rail and the other switch monitors the latchbolt for full proof security.
Unit includes "emergency exit only. Alarm will sound" decal for application on door or unit.

※警報配件設計有
—喇叭，非法推開時，警報作用。
—警報 2 分鐘自動停止警報。
—鎖頭功能在可以鑰匙轉動控制開或關掉警報系統。
—配置 9 伏特電池，電量不足時會自動嗶嗶警示更換電池。
—配置 2 個微動開關，一個監控舌頭，另一個監控壓體。
—貼有緊急逃生門之標籤。

Finishes 顏色選擇

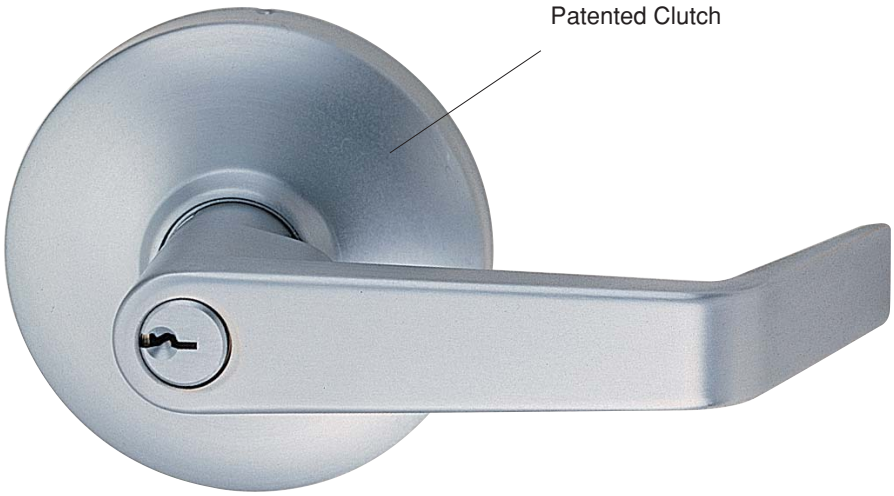
Leon	Description	BHMA	US Finish	Material
P	Primecoat 烤漆鋁 / 黑 / 金	600	USP	Steel
3	Polished Brass, Clear Powder Coat 亮銅	605	US3	Brass
4	Satin Brass, Clear Powder Coat 砂銅	606	US4	Brass
9	Polished Bright Bronze 亮丹銅	611	US9	Bronze
10	Satin Bronze Clear Powder Coat 砂丹銅	612	US10	Bronze
10B	Oiled Rubbed Bronze 黑咖啡	613	US10B	Bronze or steel
26	Polished Bright Chrome 亮鉻	625	US26	Brass or steel
26D	Satin Chrome 砂鉻	626	US26D	Brass or steel
32	Polished Bright Stainless 亮不鏽鋼	628	US32	Stainless Steel
32D	Satin Stainless 砂不鏽鋼	630	US32D	Stainless Steel

LEON/MCKIN Trim Selection 門外配鎖

Lever Design 殘障把手鎖

Non handed Grade 1
Cylindrical body hardened steel heavy duty tailpiece.
For 1 3/4" and 2 1/4" doors. Available for fire and non fire rated rim and veritcal rod exit devices.
Rose diameter 3 1/2", lever length 4 3/4". Fits and covers 161 cutout.

Finishes: US26D, US10B, US3, US4.



8000L Entrance 大門功能
Key retracts latrchbolt, unlocks lever.
ANSI Function - 08 / 13

8000S Storeroom 倉儲功能
Key operation lever, otherwise always locked.
ANSI Function - 04

8000P Passage 通道功能
Trim always operable and free.
ANSI Function - 15

8000D Dummy 假鎖裝飾功能
Dummy trim. One sided.
ANSI Fucntion - 10

Keyway:

Standard 6-pin “C” keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Assa, and Kaba high securitycylinders.

Interchangeable Core

Interchangable core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.

LEON/MCKIN　Trim Selection　門外配鎖

Escutcheon lever design　面板水手把手鎖

Construction
Grade 1, thrubolted design, clutch freewheeling. Non handed design. Easily field reversible.
Hardened steel heavy duty tailpiece. Available for fire and non fire rated rim and vertical rod exit devices.

Finished
Architectural plated finish.
See page 20.

Door Thickness
Standard 1 3/4".

Escutcheon Dimensions
2 5/16" width x 8 1/2" length. Lever length: 4 3/4". Fits and covers 2 1/8" 161 cutout..

ESC-00 Entrance 大門功能
Key locks or unlocks thumbpiece.
ANSI Function - 13 / 63

ESC-05 Storeroom 倉儲功能
Key retracts latchbolt, otherwise always locked.
ANSI Function - 04

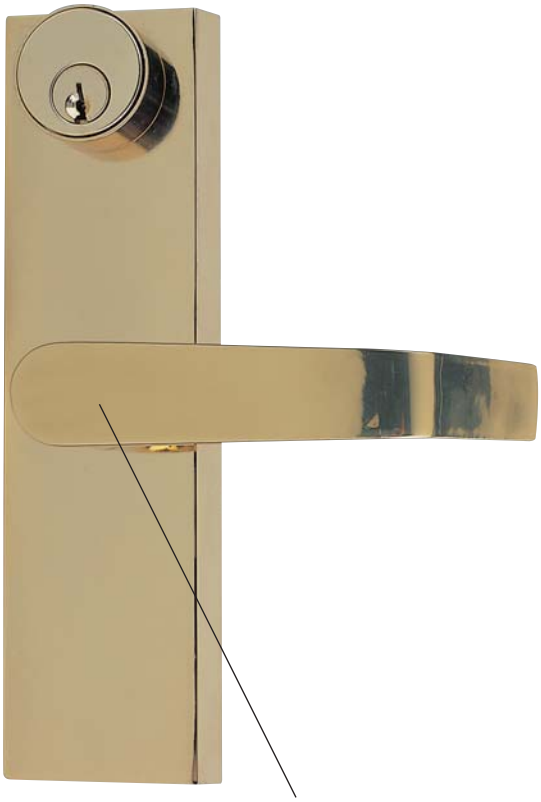
ESC-30 Passage 通道功能
Trim always operable and free.
ANSI Function - 15 / 62

ESC-40 Dummy 假鎖裝飾功能
Tummy trim. One sided.
ANSI Function - 10

Keyway:
Standard 6-pin “C” keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale GA, Yale 8, Kwikset. Can also accept Medeco, Assa, and Kaba high security cylinders.

Interchangeable Core
Interchangable core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.

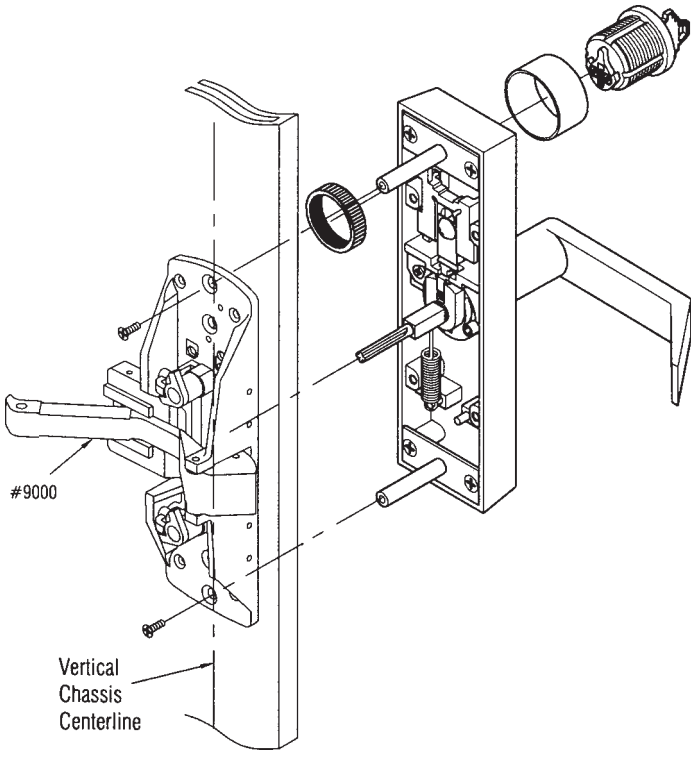
※結構
—1段結構，貫穿螺絲接裝。
—空轉設計。
—左右向門皆適用。
—標準型號及天地型防火門鎖皆適用。



CLUTCH FREEWHEELING

※表面顏色選擇
— 請參照第 20 頁。

※適用門厚 45mm



LEON/MCKIN Trim Selection 門外配鎖
NESC Trim for #9800 Series

Escutcheon lever design 面板水手把手鎖

Construction
- Rigid, non clutch mechanism.
- Double heavy duty spring support to prevent sagging and enhance openration.
- Grade 1, thrubolted design, clutch freewheeling. Non handed design. Easily field reversible.
- Hardened steel heavy duty tailpiece. Available for fire and non fire rated rim and vertical rod exit devices.

Door Thickness
Standard 1 3/4". For 2 1/4" thick door use.
additional part#TAIL3.

Escutcheon Dimensions
2 3/4" width x 10 1/4" length. Lever length: 4 3/4".
Fits and covers 2 1/8" 161 cutout

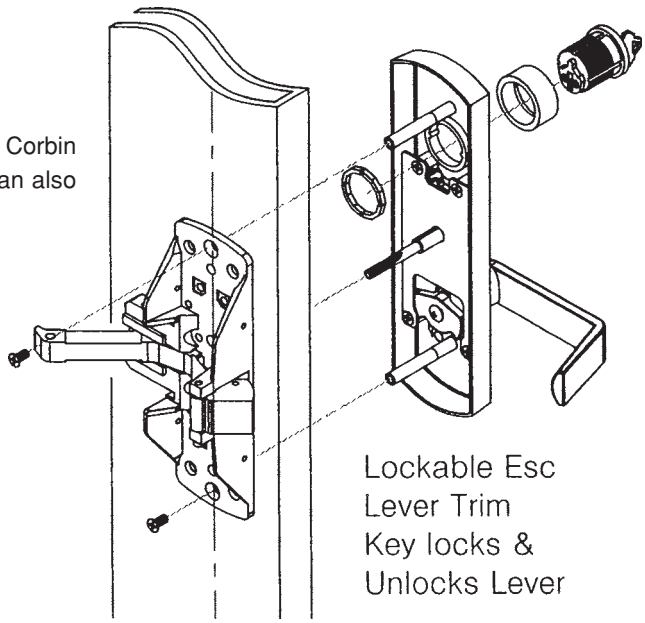
NESC-9800 Entrance 大門功能
Rigid Entrance, Key locks or unlocks escutcheon trim.
ANSI Function (63) Operates as classroom function

NESC-9805 Storeroom 倉儲功能
Key retracts latchbolt, otherwise always locked.
ANSI Function (04)

NESC-9830 Passage 通道功能
Trim always operable and free.
ANSI Function (62)

NESC-9840 Dummy 假鎖裝飾功能
Tummy trim. One sided.
ANSI Function (10)

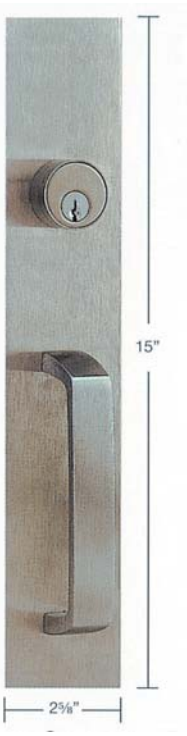
Keyway:
Standard 6-pin “C” keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale GA, Yale 8, Kwikset. Can also accept Medeco, Assa, and Kaba high security cylinders.



LEON/MCKIN Trim Selection 門外配鎖

Pull Design 面板拉把鎖

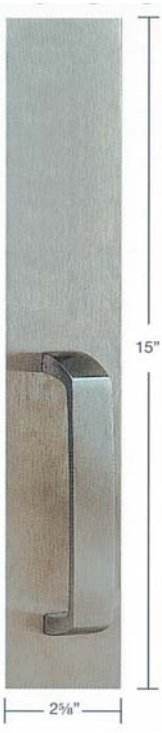
6000 NL
鑰匙帶動



For Rim Device Only

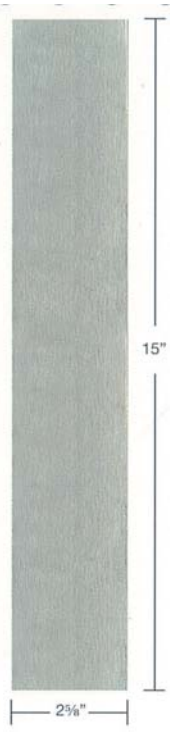
Outside by pull and key.
Key retracts latchbolt.
ANSI function - 03
Covers 161 cutout.

6000 DTP
純拉把



Outside by pull only.
Pull when dogged.
ANSI function - 02
Covers 161 cutout.

6000 EOP
蓋洞板



Outside by plate only.
ANSI function - 10
Covers 161 cutout.

Keyway:

Standard 6-pin “C” keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale GA, Yale 8, Kwikset. Can also accept Medeco, Assa, and Kaba high security cylinders.

Interchangeable Core

Interchangable core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.

Finished

Architectural plated finishes. See page 20.

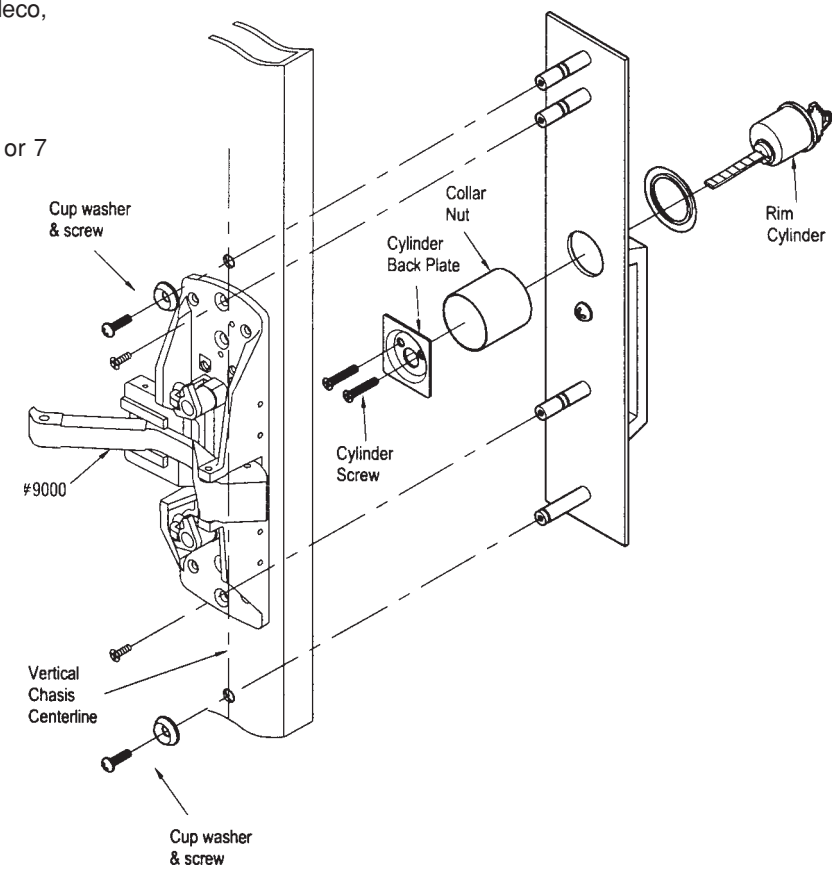
Door Thickness

Standard 1 3/4".

※結構
—貫穿螺絲按裝。
—左右向門皆適用。
—標準型號及天地型防火門鎖皆適用。

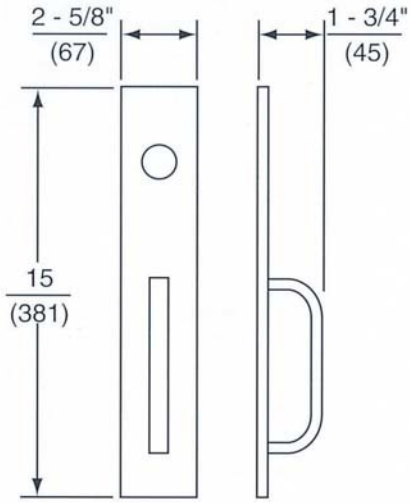
※表面顏色選擇
— 請參照第 20 頁。

※適用門厚 45mm



LEON/MCKIN Trim Selection 門外配鎖

Thumbpiece Trim 大拇指面板拉把鎖



90TP-00 Entrance 大門功能
Key locks or unlocks thumbpiece.
ANSI Fuction - 13 / 63

90TP-05 Storeroom 倉儲功能
Key retracts latchbolt, otherwise always locked.
ANSI Fuction - 04

90TP-30 Passage 通道功能
Trim always operable and free.
ANSI Fuction - 15 / 62

90TP-40 Dummy 假鎖裝飾功能
Tummy trim. One sided.
ANSI Fuction - 10

Keyway:

Standard 6-pin “C” keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale GA, Yale 8, Kwikset. Can also accept Medeco, Assa, and Kaba high security cylinders.

Interchangeable Core

Interchangable core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.

Finished

Architectural plated finishes.
See page 20.

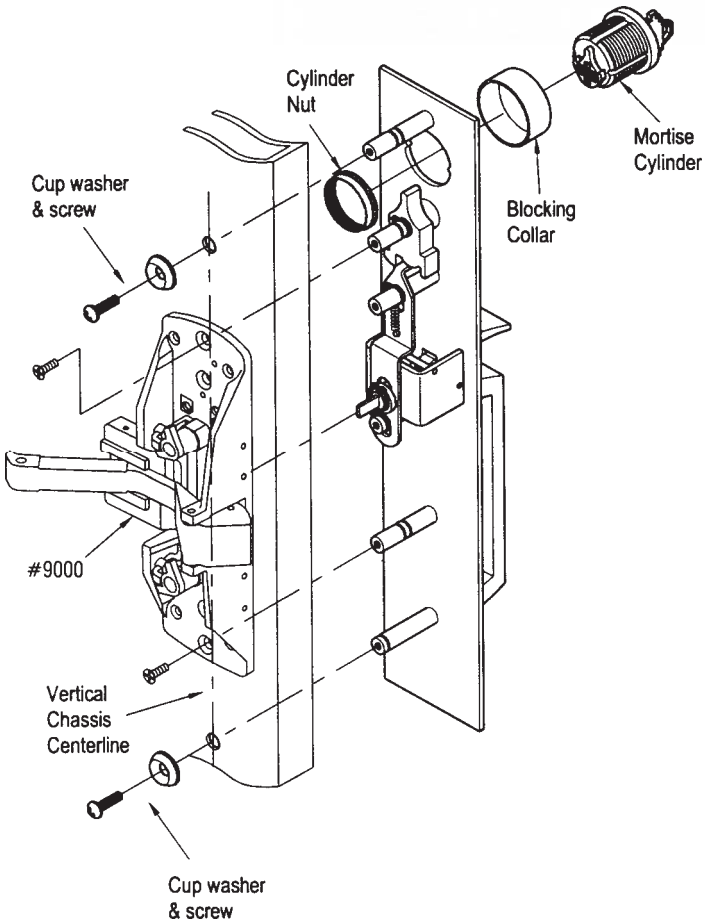
Door Thickness

Standard 1 3/4".

※結構
—貫穿螺絲按裝。
—左右向門皆適用。
—標準型號及天地型防火門鎖皆適用。

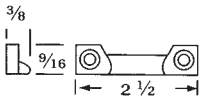
※表面顏色選擇
— 請參照第 20 頁。

※適用門厚 45mm

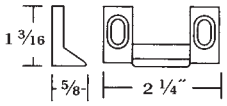


Strikes for use with 6100 vertical rod exit device
安全級天地型防火門鎖封口座

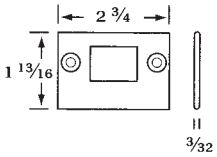
221
Standard for 6100. Applied to surface of floor or to a flat threshold. Standard packaging.
地梢用封口



227
Applied to surface of stop. No mortise required. Standard packaging.
天梢用封口

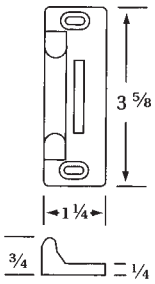


233
Bottom strike. Alternate bottom strike. Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor.
地梢用嵌入型封口



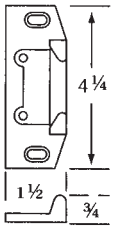
Strike for use with 6000 rim type exit device 安全級標準型防火門鎖封口座

239
For 6000 surface applied. Standard packaging.

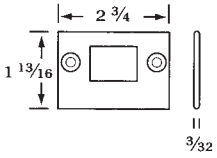


Strikes for use with 9100 vertical rod fire rated exit device
火級天地型防火門鎖封口座

245
Standard for 9100. Standard packaging.
天梢用封口

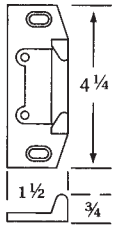


233
Bottom strike for 9000. Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor. Standard packaging.
地梢用嵌入型封口



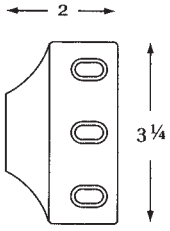
Strike for use with 9000 rim fire exit device
火級標準型防火門鎖封口座

245
For 9000 surface applied. Standard packaging.



Overlapping Strike
雙扇門用封口

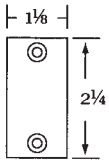
251
Surface applied. Used on inactive leaf for device on active leaf of pair of doors without mullion.



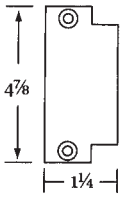
在雙扇門的情形下，不按裝龍條時，裝在第一順位門。

Additional Strikes

LFF
Lock front filler.
蓋洞板（舌洞處）



SF
Strike filler.
蓋洞板（封口洞處）



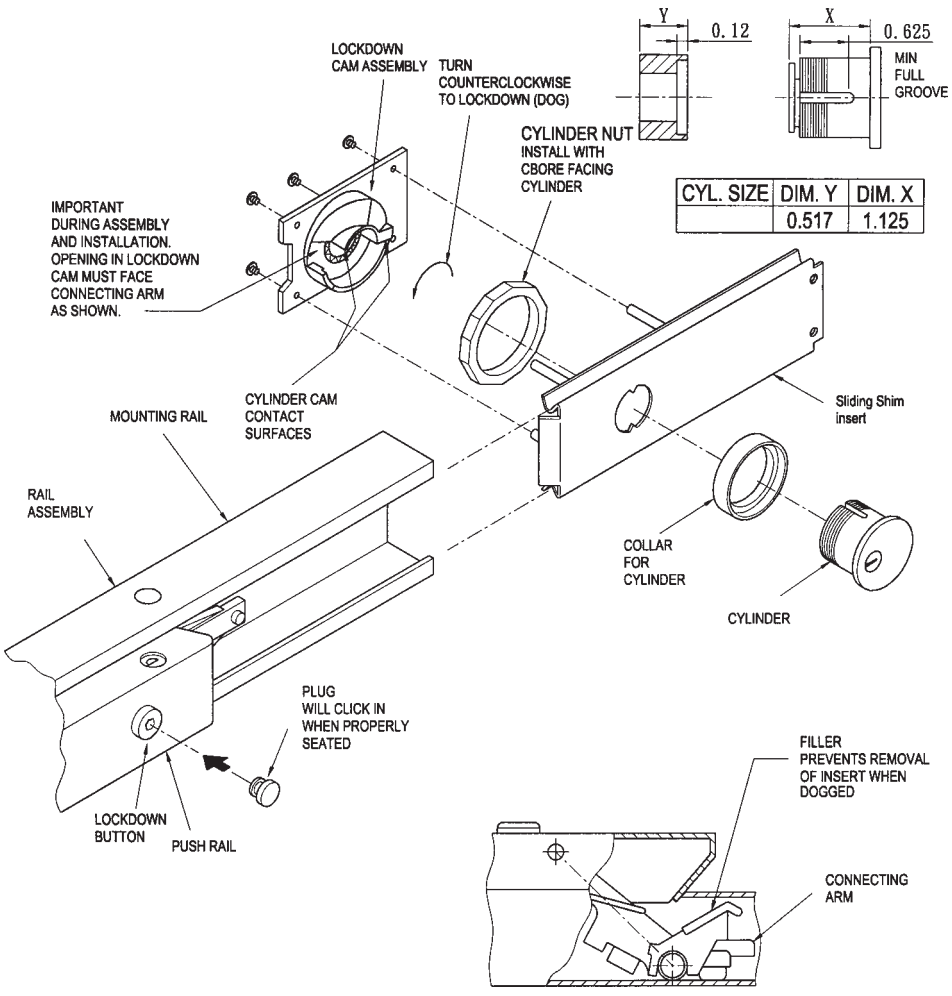
Glass Bead Shim Kits 墊片

801 - For rim tyoe, 1/8" thick 標準型用
806 - For vertical type, 1/8" thick 安全級天地防火門鎖用
812 - For firerated vertical type, 1/8" thick 火級天地防火門鎖用
When exit device are used with shim kits with outside trim, spindle length thumbpiece and thru bolt length must be increased accordingly. 注意，使用墊片墊高防火門鎖按裝時，門外配鎖的轉軸及貫穿螺絲皆得加長。

Cylinder Dogging Kits 常開控制裝置

Prefix "CD" before part#. Available for all 6000 Series devices except fire exit hardware. Cylinder dogging with a mortise cylinder is located on the mounting insert lock bolt in retracted position. 27" minimum door width is required.

Cyl dogging Kits Panic Rim & Vert Rod Device



LEON/MCKIN Fire Exit Hardware Selectior 火級防火門鎖按裝使用範圍

FIRE EXIT HARDWARE			UL FIRE DOOR RATING 使用防火標籤
APPLICATION 適用門規範圍	**MODEL NUMBER** 型 號	**MAXIMUM DOOR OPENING** 門開尺寸	**(A) 3 HOUR** 3 小時
SINGLE DOORS 單扇門 Rim type	9000-36 9000-48	**4'0" X 8'0"**	✓
PAIRS OF DOORS 雙扇門 Two surface mounted standard vertical rod type or less bottom rod(LBR) application. Prefix BTL before Part# 雙天地型或雙天無地型 a) Swinging in same direction b) Swinging in opposite direction (double egress) a) 同向開式 b) 一門內開 / 另一門外開式	9100-3684 X 9100-3684	**8'0" X 7'2"**	✓
	9100-3696 X 9100-3696 9100-4896 X 9100-4896	**8'0" X 8'0"**	✓
PAIRS OF DOORS 雙扇門 Two rim typr with mullion	9000-36 9000-48	**8'0" X 8'0"**	✓

All fire rated exit devices in all applications, are also labeled for (B) 1 1/2" hour, (C) 1 1/4" hour, (D) 1 hour, (E) 3/4" hour.
- 所有所列火級標籤涵蓋 B 標 1 1/2" 小時，C 標 75 分鐘，D 標 1 小時，E 標 45 分鐘。
All fire exit hardware meet UL10C and UBC 7-2-1997 codes.
- 全皆符合美國 UL10C ，UB 7-2-1997 章節標準測試通過。

HOW TO ORDER INFORMATION 訂貨指南

Exit device model number 型號

Panic grade 安全級

6000-36 Rim type 36" door
6000-48 Rim type 48" door
6100-3684 Vertical rod type 36" x 84"
6100-3696 Vertical rod type 36" x 96"
6100-4896 Vertical rod type 48" x 96"
6100-36120 Vertical rod type 36" x 120"
6100-48120 Vertical rod type 48" x 120"

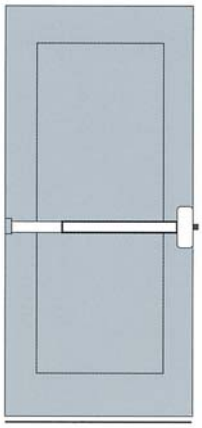
Fire grade 火級

9000-36 Rim type 36" door
9000-48 Rim type 48" door
9100-3684 Vertical rod type 36" x 84"
9100-3696 Vertical rod type 36" x 96"
9100-4896 Vertical rod type 48" x 96"

1) Specify exit device model number according to size of door. 型號是依門尺寸規格編列。
2) Specify trim selection. For interchangeable core prefix "IC" brfore part#. See page 3.
3) For vertical rod device pecify LHR (Left Hand Reverse) or RHR (Right Hand Reverse) for convenience easily field reverible, otherwise shipped as LHR. 訂天地型時，請示門向，左向或右向。
4) Specify finish 請示表面處理顏色選擇:
   請參照第 20 頁。
5) On thru bolt applications, fire rated vertical rod device are packed with thru as standard feature. Thru bolts are also available for other device. To order thru bolts add "SBN" to trim pack.
   When ordering separately use following part#
   part# 357 — thru bolts for rim devices, 6PCs / pack. 貫穿螺絲標準型薄門用
   part# 369 — thru bolts for vertical rod devices, 14PCs / pack. 貫穿螺絲天地型薄門用
   part# 363 — thru bolts for rim devices, 6PCs / pack for 2 1/4" thick doors. 貫穿螺絲標準型厚門用
   part# 375 — thru bolts for vertical rod devices, 14PCs / pack for 2 1/4" thick doors. 貫穿螺絲天地型厚門用

LEON/MCKIN #3000, #3100 & #6000, #6100 Panic Rim Type and Vert Rod Exit Device
安全級標準型及安全級天地型防火門鎖
#7000, #7100 & #9000, #9100 Fire Rim Type and Vert Rod Exit Device
火級標準型及火級天地型防火門鎖
ANSI A156.3, Grade 1

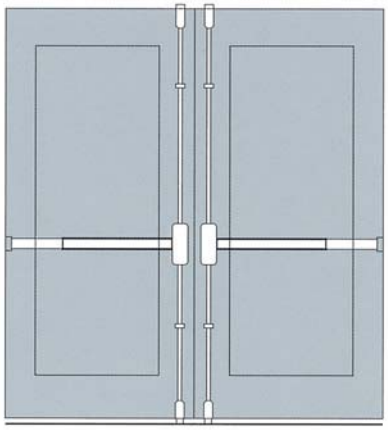
單扇門
SINGLE DOOR



1 支標準型或
1 支天地型皆可

Vertical rod type or Rim type	Surface applied 2 point lock. Surface application.

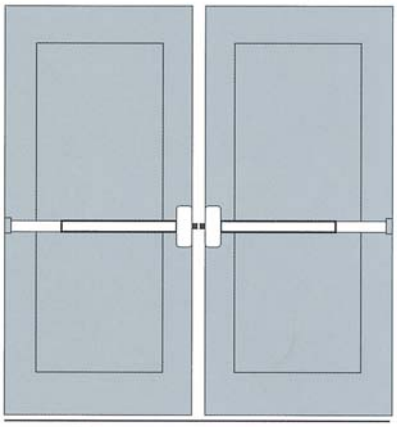
雙扇門沒有龍條同向開
PAIRS OF DOORS WITHOUT MULLION



2 支天地型

2 Vertical rod type	Surface applied 2 point locking both doors. Each door active same direction. Do not use with overlapping astragal.

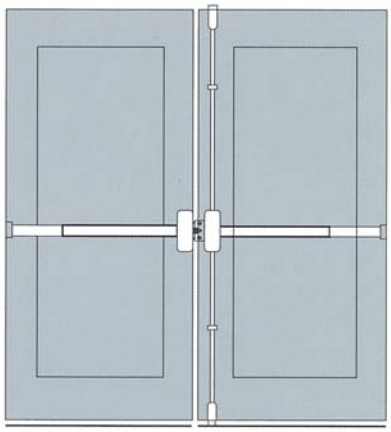
雙扇門裝有龍條同向開
PAIRS OF DOORS WITH MULLION



2 支標準型

2 Rim type with mullion	Two independent active doors with full double door openings when required. Same direction.

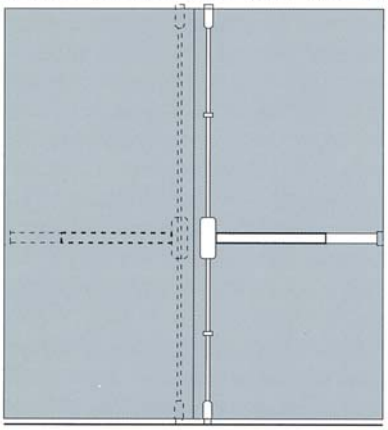
雙扇門沒有龍條同向開
PAIRS OF DOORS WITHOUT MULLION



1 支標準型
1 支天地型

1 Vertical rod and 1 rim type	Both devices are surface applied. A coordinato and overlapping strike is recommended.

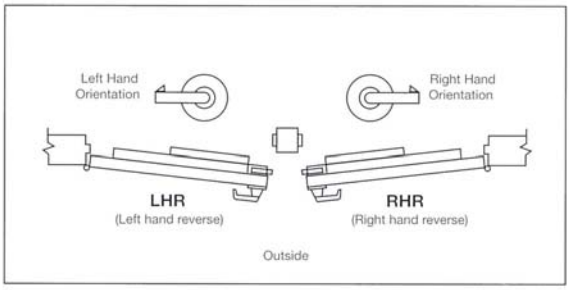
雙扇門沒有龍條反向開
PAIRS OF DOORS WITHOUT MULLION



2 支天地型
1 支在外 / 另支在內

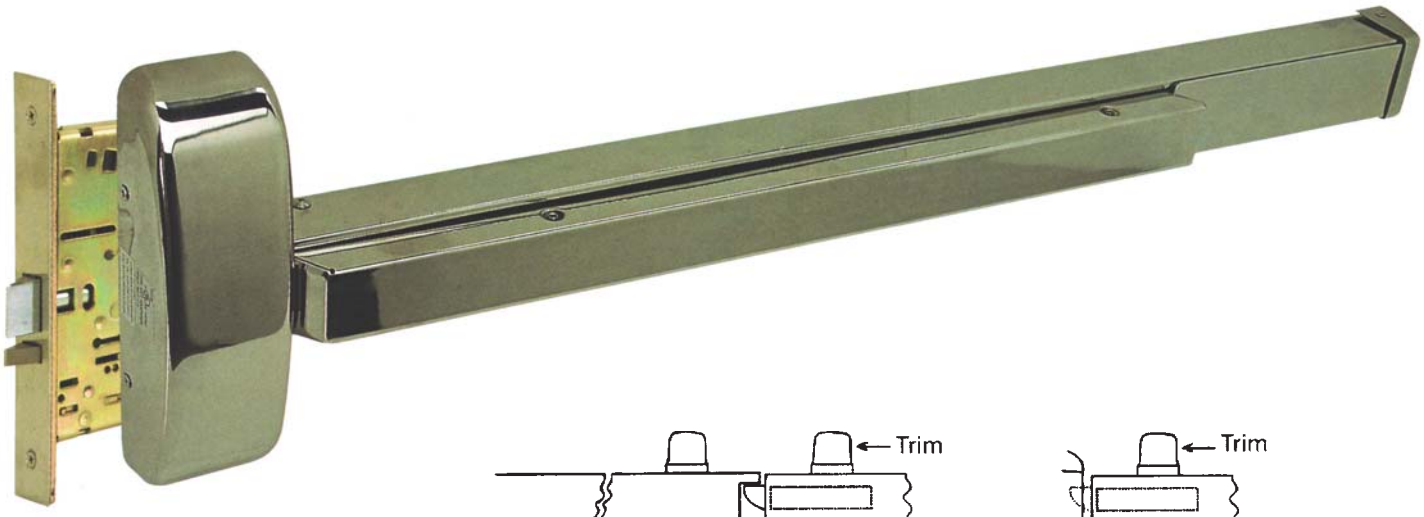
2 Vertical rod type	Double egress surface applied. 2 point locking both doors opposite directions.

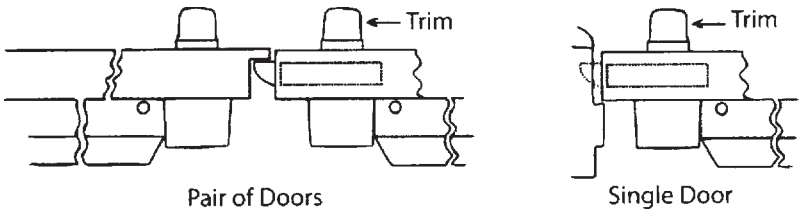
門向圖示
HANDING



LEON/MCKIN FC2200F (MR9800) Series Exit Devices...

Grade (1) Mortise Lock Exit Device





Pair of Doors

Single Door

Specifications

For Doors ---------- Wood/Metal. 1 3/4" (44.5mm) minimum thickness

4 1/2" (114mm) minimum stile width

Chassis ---------- Nonferrous alloy

Chassis Cover --------- Bronze or stainless steel

End Cap ---------- Brass, Bronze or stainless Steel Construction

Handing ---------- Non-Handed. Specify RHR or LHR for convenience.

ANSI standard --------- A156.3, Grade 1.

Mounting ---------- Furnished standard with wood and machine screws.

Strike ---------- Standard ANSI strike.

Mortise Lock ---------- Grade (1) for 1 3/4" (44.5mm) thick doors. Reversible. Fits door prepared for ANSI Standard A115.1

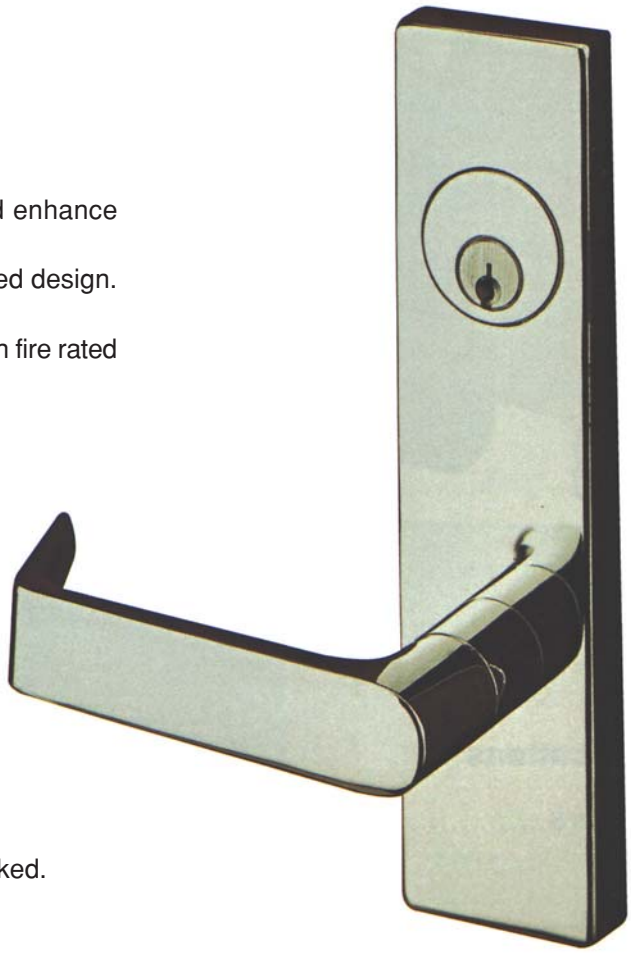
Fire Exit hardware ----- MR9800 Series for fire exit hardware for all types of 8" x8" double doors for up to 3 codes.

Trim ---------- See trim Designs section

Door size ---------- For 36" doors.

For 48" doors.

Trim Selection.....



Escutcheon lever design 面板水手把手鎖

Construction

- Rigid, non clutch mechanism.
- Double heavy duty spring support to prevent sagging and enhance openration.
- Grade 1, thrubolted design, clutch freewheeling. Non handed design. Easily field reversible.
- Hardened steel heavy duty tailpiece. Available for fire and non fire rated rim and vertical rod exit devices.

Door Thickness

Standard 1 3/4".

Escutcheon Dimensions

2" width x 8" length. Lever length: 4 3/4".
Fits and covers 2 1/8" 161 cutout

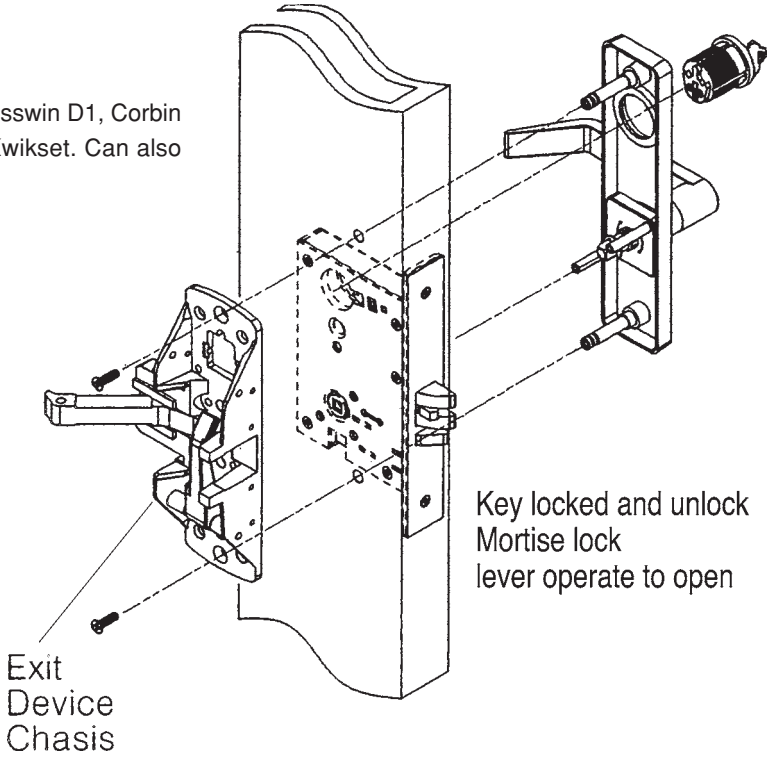
MRESC-9800 Entrance 大門功能
Key locks or unlocks lever
ANSI Function (63)

MRESC-9805 Storeroom 倉儲功能
Key retracts latchbolt, otherwise always locked.
ANSI Function (04)

MRESC-9830 Passage 通道功能
Trim always operable and free.
ANSI Function (62)

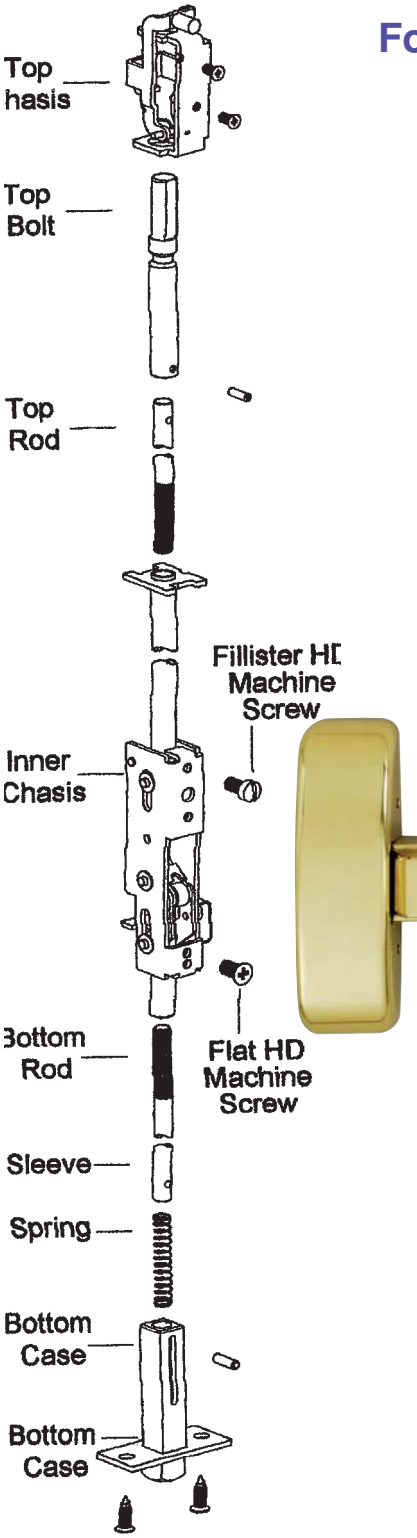
Keyway:

Standard 6-pin “C” keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale GA, Yale 8, Kwikset. Can also accept Medeco, Assa, and Kaba high security cylinders.



LEON/MCKIN FC2100F (MCVR9800) Series Exit Devices

Grade 1 Concealed Vertical Rod Exit Device For Metal Doors



Specifications

For Doors ---------- Metal. 1¾" (44.5mm) minimum thickness

4 ½" (114mm) minimum stile width

Chassis ---------- Nonferrous alloy

Chassis Cover --------- Bronze or stainless steel

Mounting ---------- Furnished standard with machine screws.

End Cap ---------- Brass, Bronze or stainless Steel Construction

Handing ---------- Easily field reversible. Specify at time of order LHRB, RHRB for convenience.

ANSI standard --------- A156.3, Grade 1.

Strike ---------- 260 top and 265 bottom.

Top and bottom bolts- Stainless steel. Top and bottom bolt travel 7/16"(11mm)

Projection adjustable up to 1"(25mm)

Fire Exit hardware ---- M98CVR Series for fire Exit hardware for all types of 8" x 8"

Double doors for up to 3 hour fire labeled installations, conforms to standards

UL10C and UBC 7-2-1997 codes.

Rail height ---------- Specify door opening and mounting height of center line of rail ordering an vertical Rod

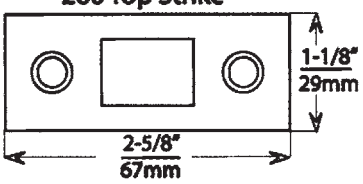
Exit Device 41" from floor.

Trim ---------- See trim Designs section

Door size ---------- M98CVR 3684 for 36" x 84" doors. Other sizes available on request

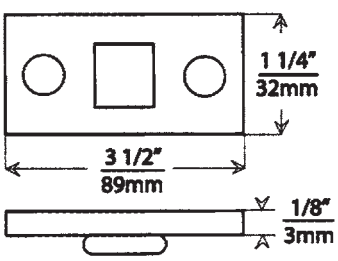
M98CVR 3696 for 36" x 96" doors.

260 Top Strike



- For applications metal frames
- Stainless Steel

265 Bottom Strike



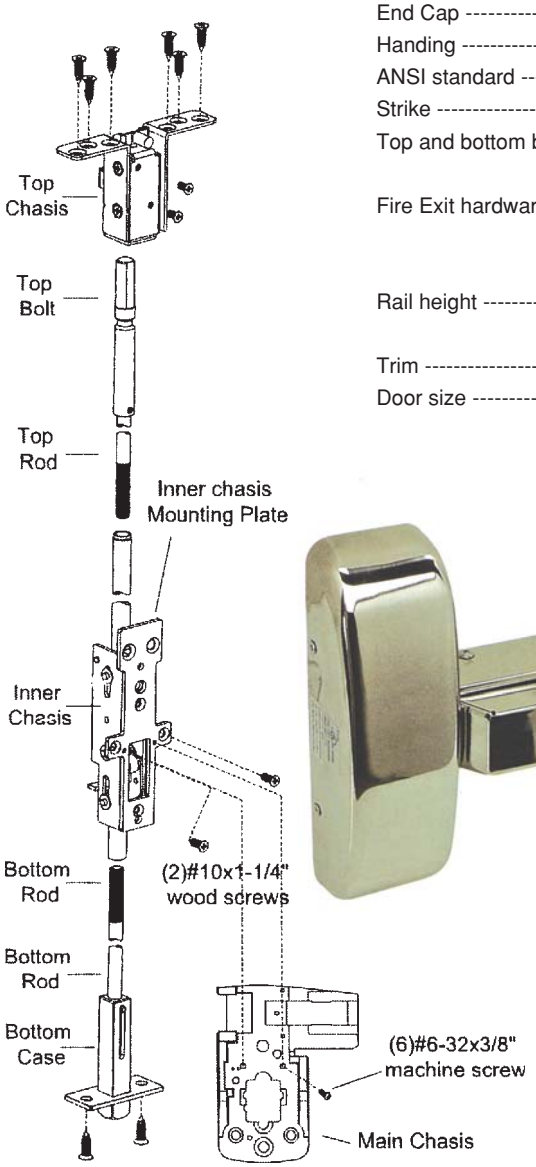
- Furnished with expansion shields
- Mortised into floor
- Stainless Steel

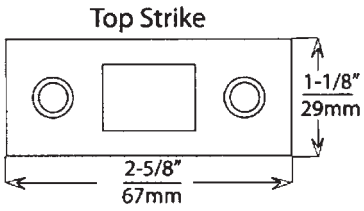
LEON/MCKIN FC2300F (WCVR9800) Series Exit Devices

Grade 1 Concealed Vertical Rod Exit Device For Wood Doors

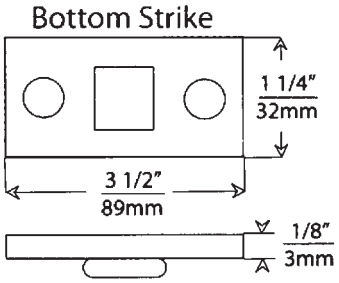
Specifications

For Doors ---------- Wood. 1 3/4" (44.5mm) minimum thickness
4 1/2" (114mm) minimum stile width
Chassis ---------- Nonferrous alloy
Chassis Cover --------- Bronze or stainless steel
Mounting ---------- Furnished standard with wood and machine screws.
End Cap ---------- Brass, Bronze or stainless Steel Construction
Handing ---------- Easily field reversible. Specify at time of order LHRB, RHRB for convenience.
ANSI standard --------- A156.3, Grade 1.
Strike ---------- 260 top and 265 bottom.
Top and bottom bolts -Stainless steel. Top and bottom bolt travel 7/16"(11mm)
Projection adjustable up to 1"(25mm)
Fire Exit hardware ---- W98CVR Series for fire Exit hardware for all types of 8" x 8"
Double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1997 codes.
Rail height ---------- Specify door opening and mounting height of center line of rail ordering an vertical Rod Exit Device 41" from floor.
Trim ---------- See trim Designs section
Door size ---------- W98CVR 3684 for 36" x 84" doors. Other sizes available on request
W98CVR 3696 for 36" x 96" doors.





- For applications metal frames
- Stainless Steel



- Furnished with expansion shields
- Mortised into floor
- Stainless Steel

LEON/MCKIN **CVRESC For**
#9800 Concealed Vertical Rod Exit Device
For Wood & Metal Doors

Trim Selection.....

Escutcheon lever design 面板水手把手鎖

Construction
- Grade 1, thrubolted design, clutch freewheeling. Non handed design. Easily field reversible.
- Hardened steel heavy duty tailpiece. Available for fire and non fire rated rim and vertical rod exit devices.

Door Thickness
Architectueal plated finishes

Escutcheon Dimensions
2 5/16" width x 8 1/2" length. Lever length: 4 3/4".
Fits and covers 2 1/8" 161 cutout

CVRES-9800 Entrance 大門功能
Clutch Mechanism
Key locks or unlocks lever
Operates as classroom function
ANSI Function - 63

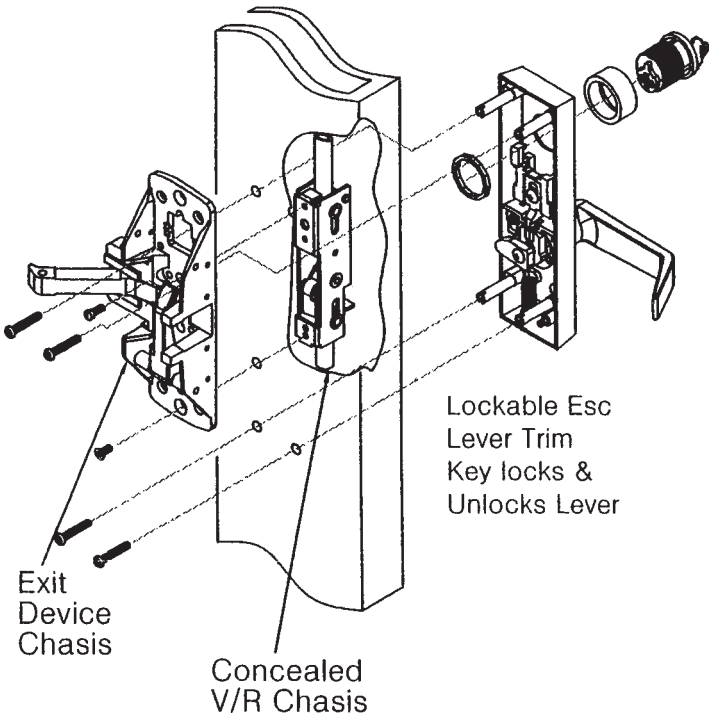
CVRES-9805 Storeroom 倉儲功能
Clutch Mechanism
Key retracts latchbolt,
otherwise always locked.
ANSI Function - 04

CVRES-9830 Passage 通道功能
Trim always operable and free.
ANSI Function - 62

CVRES-9840 Dummy 假鎖裝飾功能
Dummy trim. One sided
ANSI Function - 10

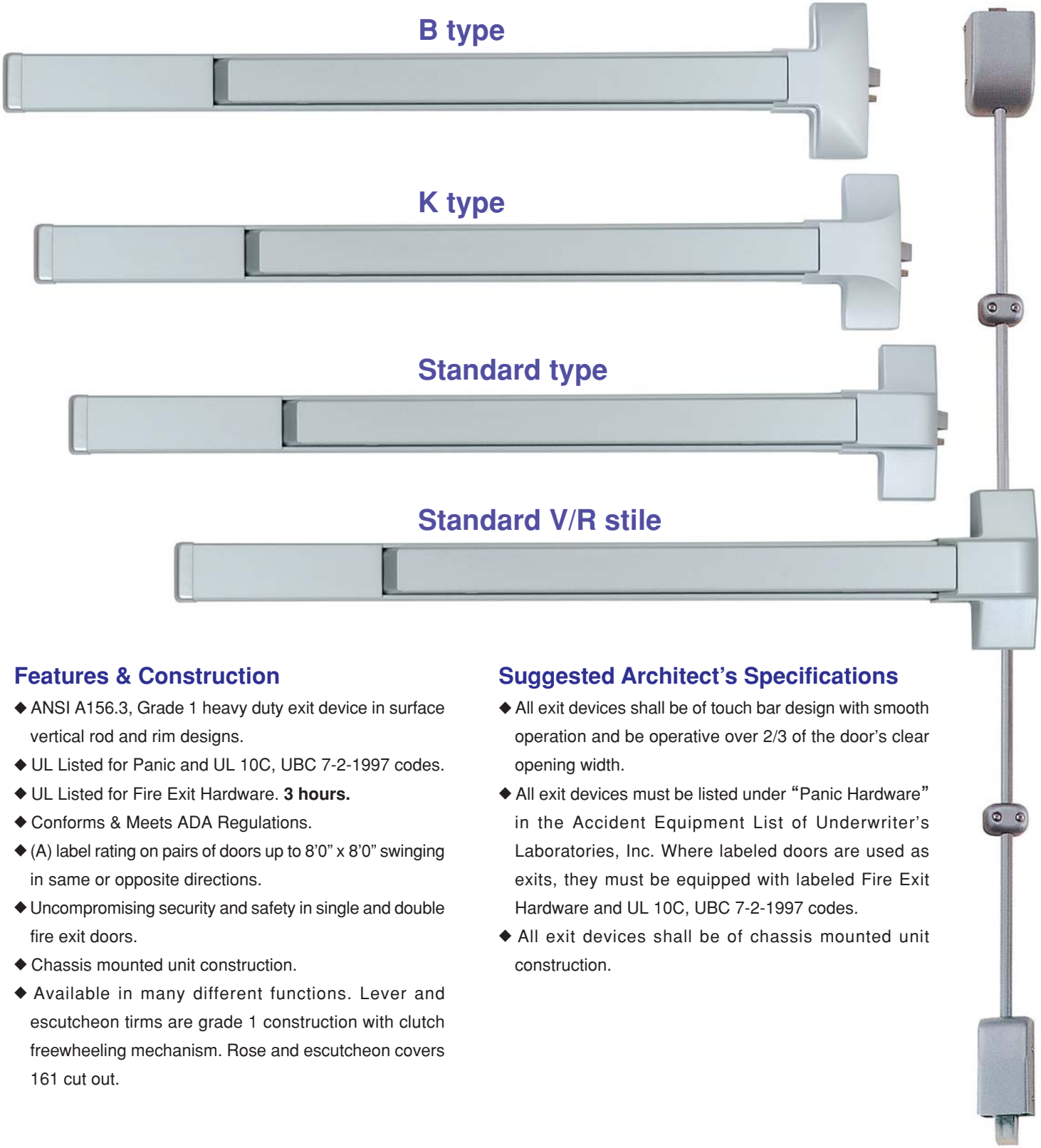
Keyway:
Standard 6-pin “C” keyway. Also available in Schlage C-K, Russwin D1, Corbin 60, Sargent LA, Falcon/Weiser E, Arrow, Yale GA, Yale 8, Kwikset. Can also accept Medeco, Assa, and Kaba high security cylinders.

CLUTCH FREEWHEELING



LEON/MCKIN 5000 & 8000 Rim Type and Fire Exit Device
5100 & 8100 Vertical Type and Fire Exit Device
Now upgraded to ANSI A156.3, Grade 1

C UL US
LISTED
3 HOUR FIRE RATED



Features & Construction

- ANSI A156.3, Grade 1 heavy duty exit device in surface vertical rod and rim designs.
- UL Listed for Panic and UL 10C, UBC 7-2-1997 codes.
- UL Listed for Fire Exit Hardware. **3 hours.**
- Conforms & Meets ADA Regulations.
- (A) label rating on pairs of doors up to 8'0" x 8'0" swinging in same or opposite directions.
- Uncompromising security and safety in single and double fire exit doors.
- Chassis mounted unit construction.
- Available in many different functions. Lever and escutcheon tirms are grade 1 construction with clutch freewheeling mechanism. Rose and escutcheon covers 161 cut out.

Suggested Architect's Specifications

- All exit devices shall be of touch bar design with smooth operation and be operative over 2/3 of the door's clear opening width.
- All exit devices must be listed under "Panic Hardware" in the Accident Equipment List of Underwriter's Laboratories, Inc. Where labeled doors are used as exits, they must be equipped with labeled Fire Exit Hardware and UL 10C, UBC 7-2-1997 codes.
- All exit devices shall be of chassis mounted unit construction.

LEON/MCKIN #5000 Panic Rim Exit Device 安全級標準型防火門鎖
#8000 Fire Rim Exit Device 火級標準型防火門鎖
二級結構 Now Upgraded to Grade 1

C UL US LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)

An universal Non-Handed Exit Device with Security Guarded bolt, for all applications where labeled doors used as exits, listed
- Panic Hardware in the accident Equipment
- Fire Exit Hardware and UL10C, UBC 7-2-1997 codes

Standard type

Specifications:

Conforms to Ansi STD
A156.3 Grade 1
For Doors.....1 3/4" thick standard. Also usable on 1 3/8 to 2" thick doors. (specify when other than 1 3/4" thick). Door widths from 30" ~ 48".
Stile.....4 1/2" minimum stile.
Mounting.....Furnished standard with wood & machine screws and SNB's.
Covers.....Zinc or stainless steel.
Chassis.....Steel or stainless steel.
Rail Assembly.....Steel or stainless steel.
End Cap.....Steel or stainless steel.
Hand.....Non Handed. Trim reversible.
Latch Bolt.....Stainless steel 3/4" throw.
Dead Latch Bolt....Stainless steel 5/8".
Cylinder.....Brass, rim-type, 5-pin, 2 keys.
Strike.....5/8" stop plus shim for 1/2" stop.
Dogging Feature...Allen-Key. (Not permitted on Fire Rated model).
Mullion.....Removable Mullion & Fire Exit Mullion.
U.L. Listed.....For "Panic Hardware" and Fire Rated model 3 hour for use on doors up to 38" x 86".
ANSI Standard.....ANSI 156.3 - the 5000 series is built to conform to this standard.
Finishes.....Painted: Aluminum, Bronze, Duronodic.
Plated: Highly polished brass or chrome.
Solid stainless steel: Highly polished or satin.

※規格：

—使用在 **45mm** 門厚，補強範圍 **115mm** 左右。
—安全級，使用沖壓鋼鐵底座。火級，使用沖壓鋼鐵底座。
—頭蓋，使用鋅合金製造。
—螺絲，使用木螺絲、機械螺絲、另有貫穿螺絲。
—尾蓋，使用沖壓鋼鐵或塑膠製造。
—也可有警報配件搭配。
—左右向門皆適合。
—舌頭，為不鏽鋼粉末冶金或銅製造，舌長 19mm 。
—彈簧，全不鏽鋼。
—推把及座把，皆為折壓鋼鐵製造。
—封口，為脫臘鋼鐵或鍛銅製造。
—安全級有常開裝置，唯火級不可配置常開裝置。
—顏色選擇有：鋁色、黑色、金色。
—使用在門規： **1)** 4呎寬 **x** 8呎高 單扇門。 **2)** 8呎寬 **x** 8呎高 雙扇門。
3) 門寬 **813mm** 或 **914mm** 或 **1219mm** 。
4) 安裝在地板算上來 **1043mm** 位置。

※產品尺寸：

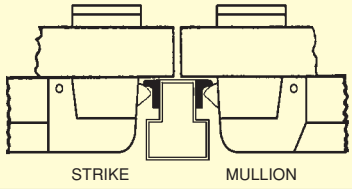
—常態時 **64mm**
—壓開時 **45mm**
—頭座 **153mm x 94mm x 64mm**
—長度 短型適用在門寬 **840mm~914mm**
長型適用在門寬 **1145mm~1219mm**

Dimensions

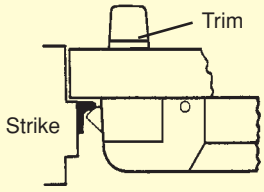
Touchbar height to finished floor	41" (1043mm) at center
Touchbar projection	
neutral	2 1/2" (64mm)
depressed	1 3/4" (45mm)
Center case	6" x 3-3/4" x 2-1/2" (153mm x 94mm x 64mm)
Device length - Short 3' (914mm)	2'9" to 3' (840mm to 914mm) door size
Long 4' (1219mm)	2'9" to 4' (1145mm to 1219mm) door size

Minimum Stile Requirements

DOUBLE DOOR 4 1/2" MIN. STILE

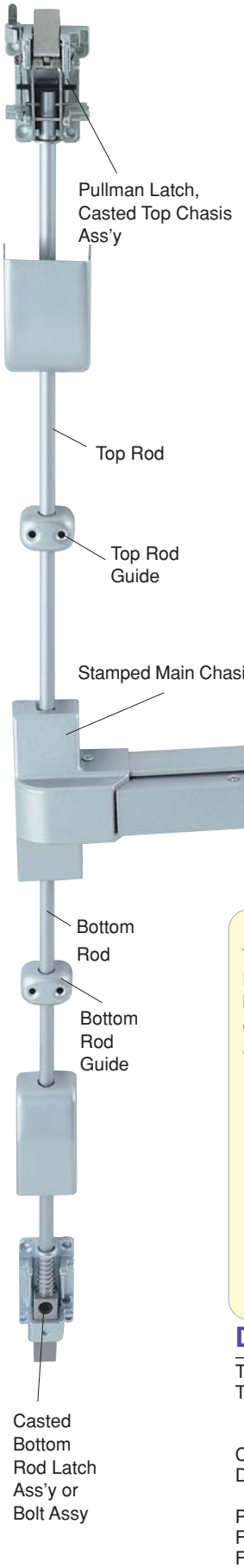


SINGLE DOOR 4 1/2" MIN. STILE



LEON/MCKIN #5100 Panic Vert Rod Exit Device 安全級天地型防火門鎖
#8100 Fire Vert Rod Exit Device 火級天地型防火門鎖
二級結構
Now Upgraded to Grade 1

C UL US LISTED CONFORMS TO STANDARDS UL 10C AND UBC 7-2 (1997)



Specifications:

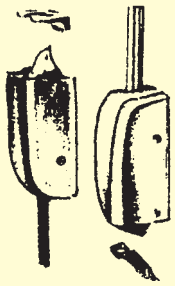
Conforms to Ansi STD A156.3
Grade 1
For Doors.....1 3/4" thick standard. Also usable on 1 3/8 to 2" thick doors. (specify when other than 1 3/4" thick). Door widths from 30" ~ 48".
Stile.....3 1/2" minimum stile.
Mounting.....Furnished standard with wood & machine screws and SNB's.
Covers.....Zinc or stainless steel.
Chassis.....Steel or stainless steel.
Rail Assembly.....Steel or stainless steel.
End Cap.....Steel or stainless steel.
Hand.....Non Handed. Trim reversible.
Latch Bolt.....Stainless steel 3/4" throw.
Cylinder.....Brass, rim-type, 5-pin, 2 keys.
Strike.....5/8" stop plus shim for 1/2" stop.
Dogging Feature...Allen-Key. (Not permitted on Fire Rated model).
Mullion.....Removable Mullion & Fire Exit Mullion.
U.L. Listed.....For "Panic Hardware" and Fire Rated model 3 hour for use on doors up to 38" x 86".
ANSI Standard.....ANSI 156.3 - the 5000 series is built to conform to this standard.
Finishes.....Painted: Aluminum, Bronze, Duronodic.
Plated: Highly polished brass or chrome.
Solid stainless steel: Highly polished or satin.

※規格：
—使用在 45mm 門厚，補強範圍 96mm 左右。
—安全級，使用沖壓鋼鐵天地底座。火級，使用沖壓鋼鐵天地底座。
—頭蓋，使用鋅合金製造。
—螺絲，使用木螺絲、機械螺絲、另有貫穿螺絲。
—尾蓋，使用沖壓鋼鐵或塑膠製造。
—也可有警報配件搭配。
—有分左向門、右向門，訂貨時須註明。
—上下舌頭皆為不鏽鋼製造。
—彈簧，全不鏽鋼。
—推把及座把，皆為折壓鋼鐵製造。
—封口，為脫臘鋼鐵或鍛鋼製造。
—安全級有常開裝置，唯火級不可配置常開裝置。
—顏色選擇有：鋁色、黑色、金色。
—使用在門規：1）8 呎寬 x 8 呎高 雙扇門。
2）門寬 914mmx 門高 2134mm 或門寬 914mmx門高2439mm或門寬1219mmx 門高 2439mm 。
3）安裝在地板算上來 1043mm 位置。

※產品尺寸：
—常態時 64mm
—壓開時 45mm
—頭座 153mm x 94mm x 64mm
—長度 短型適用在門寬 840mm~914mm
長型適用在門寬 1145mm~1219mm
—安全級 上下座 100mm x 52mm x 42mm
—火級 上座 100mm x 68mm x 53mm
—火級 下座 100mm x 52mm x 42mm
—安全 / 火級 上桿 1100mm（使用在門寬 914mm x 門高 2134mm）
—安全/火級 上桿 1350mm（使用在門寬 1219mm x 門高 2439mm）
—安全 / 火級 下桿 全部一個尺寸 960mm
—上下桿徑 13mm⌀

Panic Device

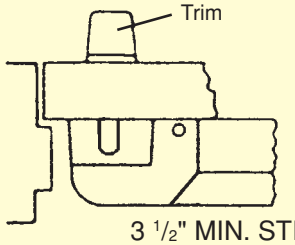
Top case has a latch retracting lever which holds bottom latch bolt retracted during the swing of the door. Pullman latch top and bottom.



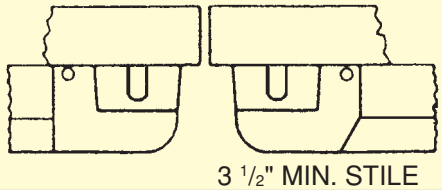
Fire Device

Bottom case has a sliding bolt which is held retracted by a latch retracting lever in the top case during the swing of the door. Bottom bolt has 7/16" movement, with adjustable projection up to 3/4".

SINGLE DOOR



DOUBLE DOOR Mullion Stile, Require 2 Vert Rod Device



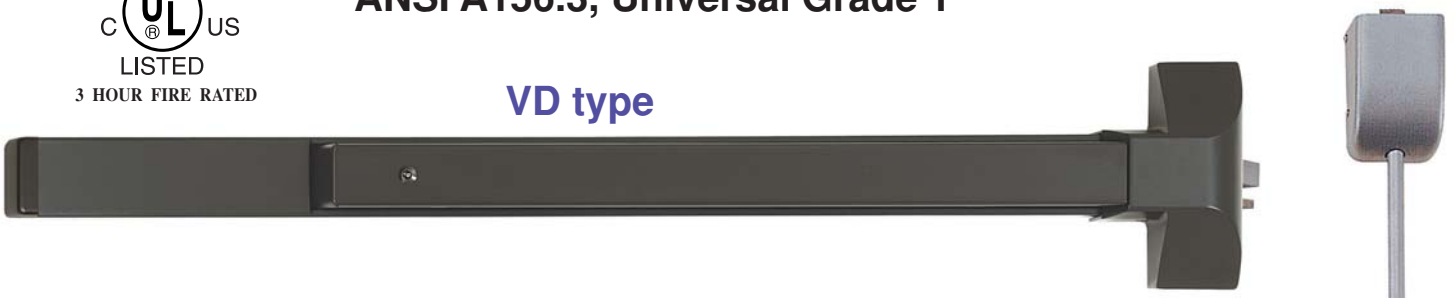
Dimensions

Touchbar height to finished floor	41" (1043mm) at center
Touchbar projection	
neutral	2 1/2" (64mm)
depressed	1 3/4" (45mm)
Center case	6" x 3-3/4" x 2-1/2" (153mm x 94mm x 64mm)
Device length - Short 3' (914mm)	2'9" to 3' (840mm to 914mm) door size
Long 4' (1219mm)	2'9" to 4' (1145mm to 1219mm) door size
Panic grade top & bottom latch case	3 15/16" x 2 1/8" x 1 3/8" (100mm x 52mm x 42mm)
Fire grade top latch case	3 15/16" x 2 11/16" x 1 1/16" (100mm x 68mm x 53mm)
Fire grade bottom latch case	3 15/16" x 2 1/8" x 1 3/8" (100mm x 52mm x 42mm)
Top and bottom rod length for 36" x 84" doors	Top rod 42 1/4" (1100mm), bottom rod 37 3/4" (960mm)
Top and bottom rod length for 48" x 96" doors	Top rod 53 1/16" (1350mm), bottom rod 37 3/4" (960mm)
Vertical rods	1/2" (13mm) Round tubing

LEON/MCKIN 5500 & 5600 Rim Type Panic and Vertical Type Panic Exit Device
8500 & 8600 Rim Type Fire and Vertical Type Fire Exit Device
ANSI A156.3, Universal Grade 1

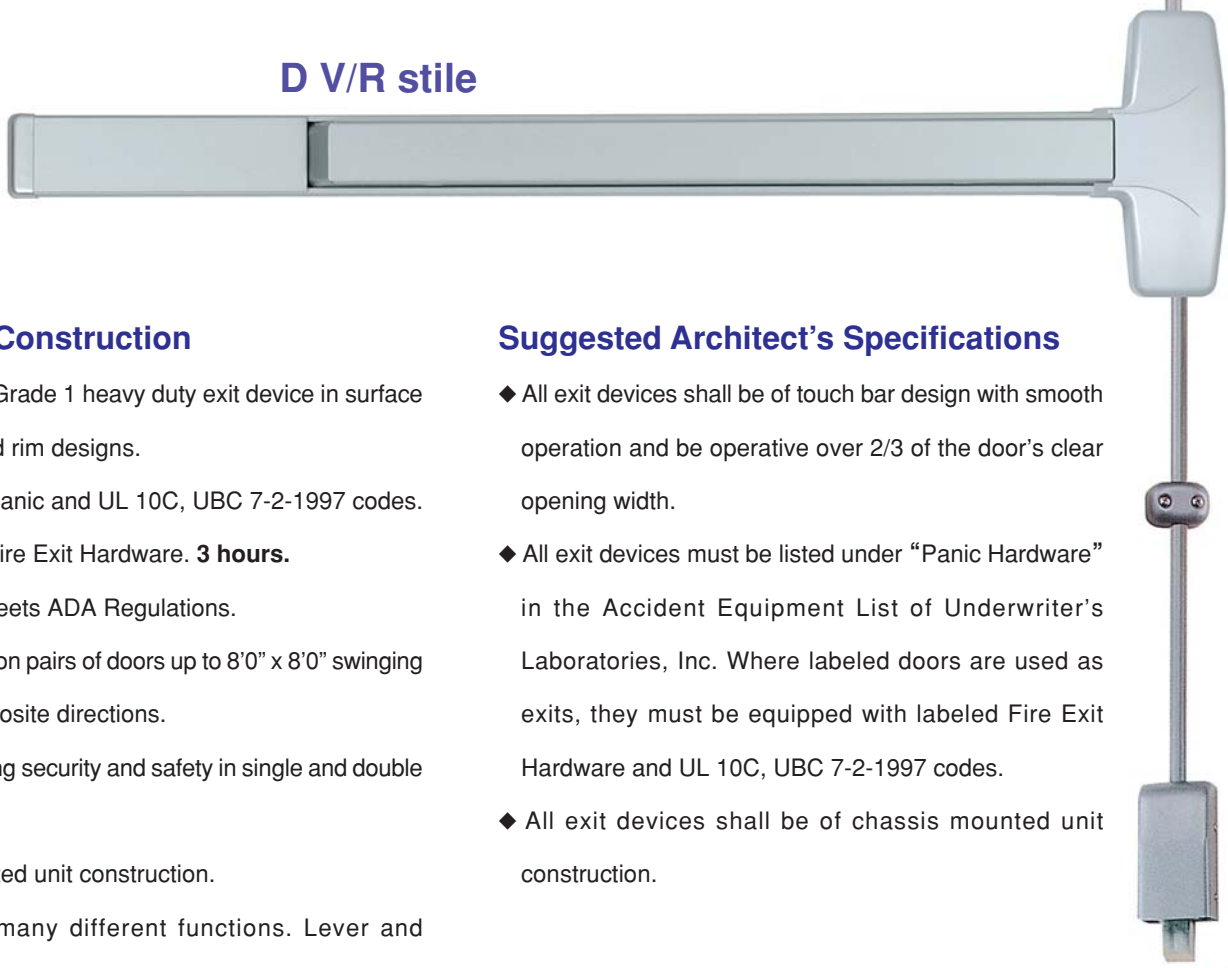
C UL US
LISTED
3 HOUR FIRE RATED

VD type



D type

D V/R stile



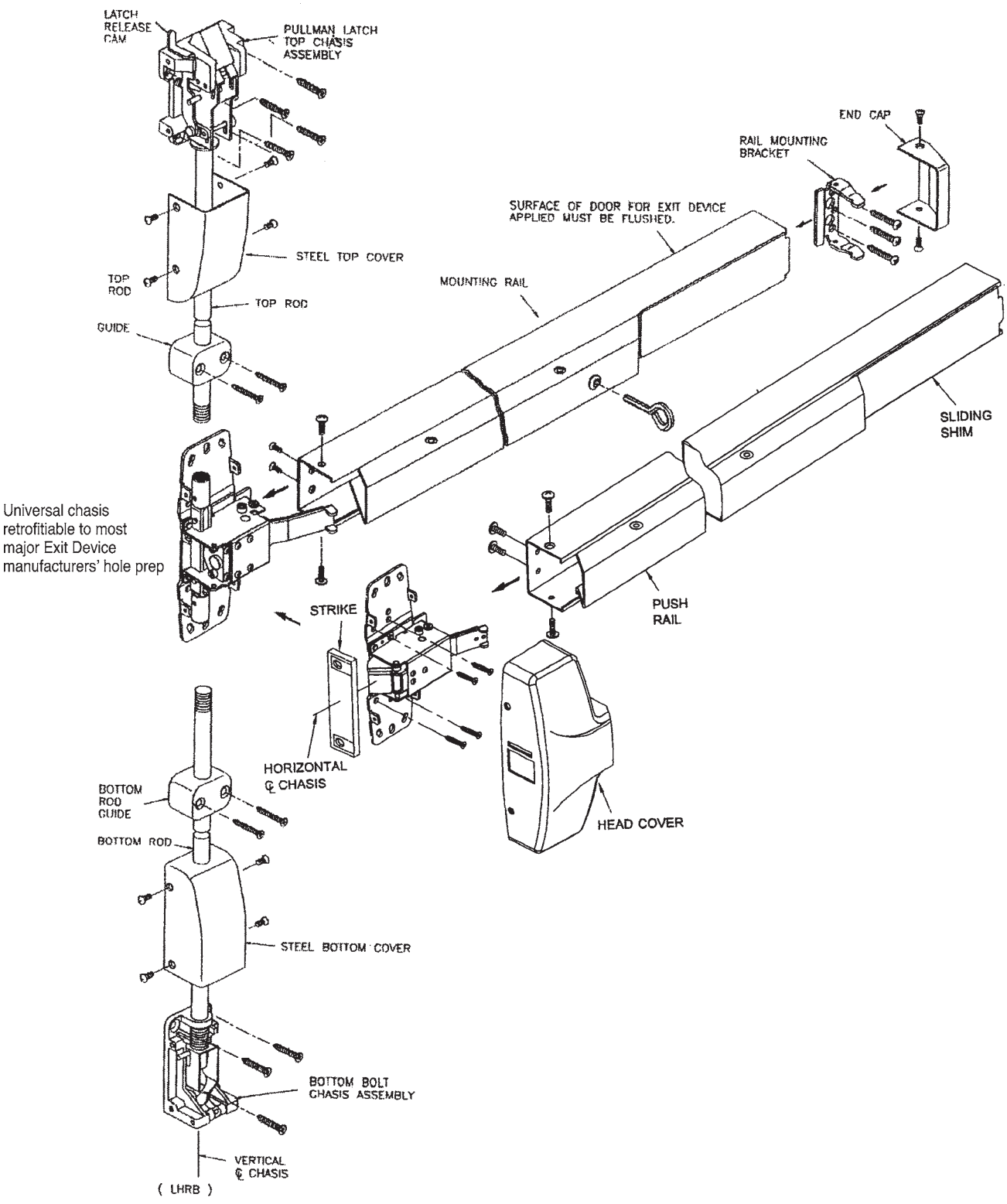
Features & Construction

- ANSI A156.3, Grade 1 heavy duty exit device in surface vertical rod and rim designs.
- UL Listed for Panic and UL 10C, UBC 7-2-1997 codes.
- UL Listed for Fire Exit Hardware. **3 hours.**
- Conforms & Meets ADA Regulations.
- (A) label rating on pairs of doors up to 8'0" x 8'0" swinging in same or opposite directions.
- Uncompromising security and safety in single and double fire exit doors.
- Chassis mounted unit construction.
- Available in many different functions. Lever and escutcheon tirms are grade 1 construction with clutch freewheeling mechanism. Rose and escutcheon covers 161 cut out.

Suggested Architect's Specifications

- All exit devices shall be of touch bar design with smooth operation and be operative over 2/3 of the door's clear opening width.
- All exit devices must be listed under "Panic Hardware" in the Accident Equipment List of Underwriter's Laboratories, Inc. Where labeled doors are used as exits, they must be equipped with labeled Fire Exit Hardware and UL 10C, UBC 7-2-1997 codes.
- All exit devices shall be of chassis mounted unit construction.

LEON/MCKIN 5500 & 5600 Universal Grade 1
Exploded View 8500 & 8600 Exit Device



LEON/MCKIN #17-900 Panic Rim Exit Device 安全級下壓式標準型防火門鎖 二級結構

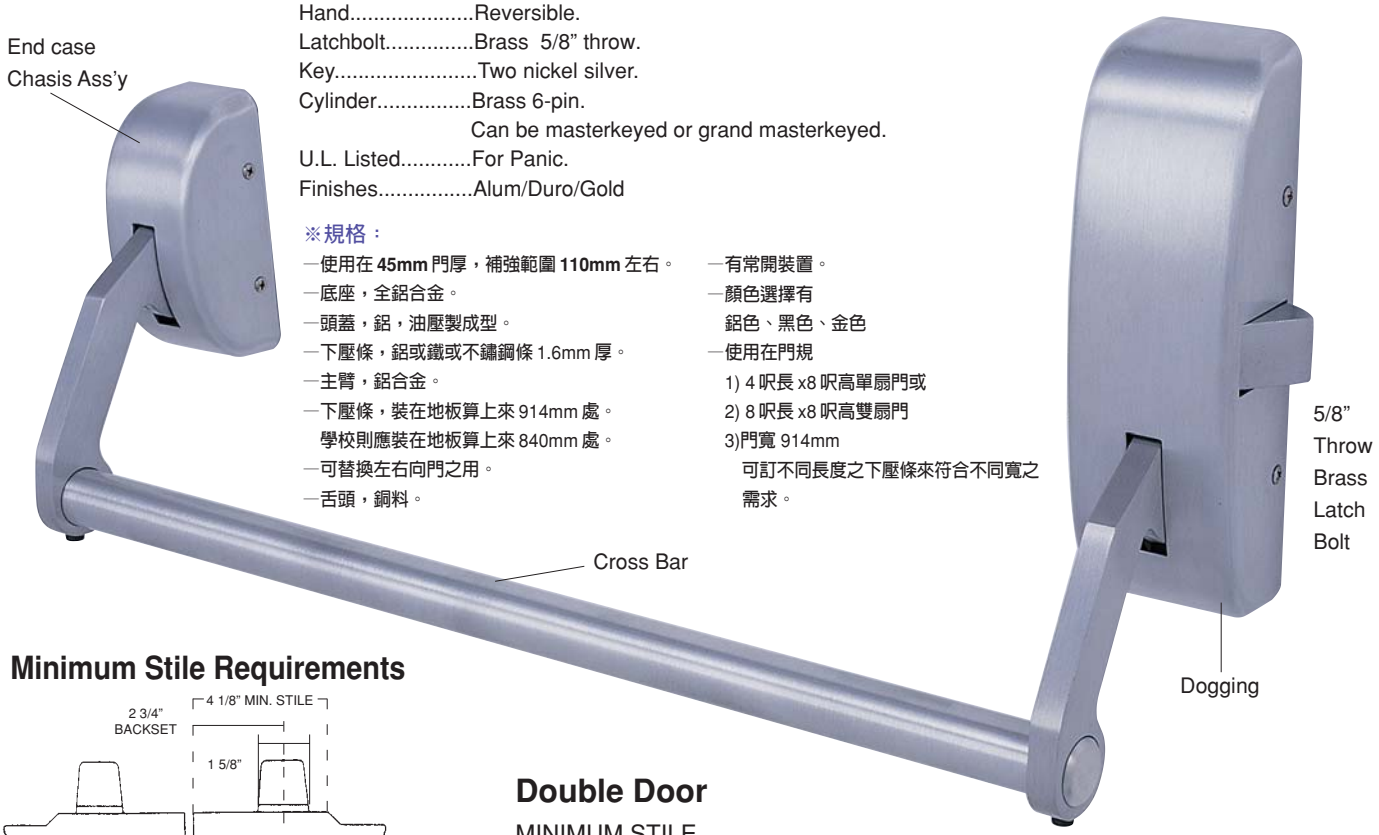
Institutions, Schools, Universities, Commercial Buildings.....
wherever heavy-duty, reliable operation is a requirement.
- that is where Leon's Panic Exit Device will make their happy home.

Specifications:

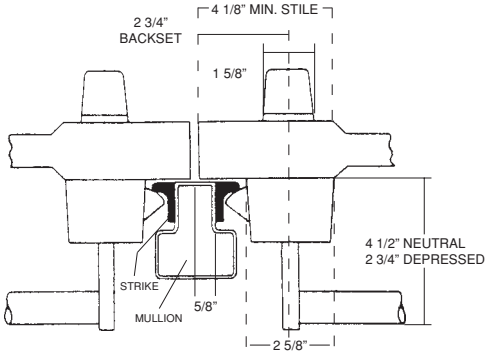
Conforms to ANSI Std. A156.3 Grade 2
For Doors.....1 3/4" (2 1/4" thick on order).
Covers.....Alum
Chassis..... Alum
Arms.....Alum
Crossbar.....1" Alum or Steel or Stainless
Steel tubing, .062" thick.
Crossbar.....36" from floor standard. For elementary school installations,
33" from floor recommended.
Hand.....Reversible.
Latchbolt.....Brass 5/8" throw.
Key.....Two nickel silver.
Cylinder.....Brass 6-pin.
Can be masterkeyed or grand masterkeyed.
U.L. Listed.....For Panic.
Finishes.....Alum/Duro/Gold

※規格：

—使用在 **45mm** 門厚，補強範圍 **110mm** 左右。
—底座，全鋁合金。
—頭蓋，鋁，油壓製成型。
—下壓條，鋁或鐵或不鏽鋼條 1.6mm 厚。
—主臂，鋁合金。
—下壓條，裝在地板算上來 914mm 處。
學校則應裝在地板算上來 840mm 處。
—可替換左右向門之用。
—舌頭，銅料。
—有常開裝置。
—顏色選擇有
鋁色、黑色、金色
—使用在門規
1) 4 呎長 x8 呎高單扇門或
2) 8 呎長 x8 呎高雙扇門
3)門寬 914mm
可訂不同長度之下壓條來符合不同寬之
需求。



Minimum Stile Requirements

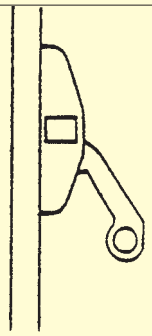
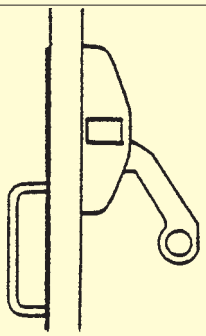
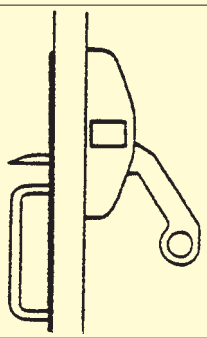
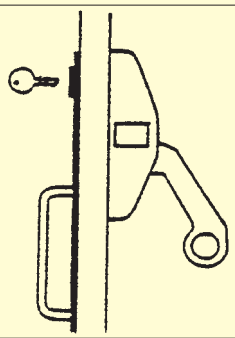
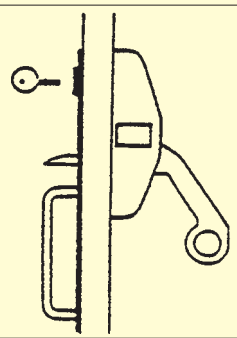


Double Door

MINIMUM STILE
REQUIREMENT
Minimum stile width

For PTB Trim 4 1/2"

Functions:

RL-900-1 FUNCTION EXIT DOOR ONLY	RL-900-2 FUNCTION EXIT DOOR ONLY WITH TRIM	RL-900-3 FUNCTION ENTRANCE BY THUMB LATCH ALWAYS FREE	RL-900-4 FUNCTION LATCH BOLT OPERATED BY KEY ONLY FROM OUTSIDE	RL-900-5 FUNCTION LATCH BOLT OPERATED BY KEY THUMBPIECE FROM OUTSIDE
				

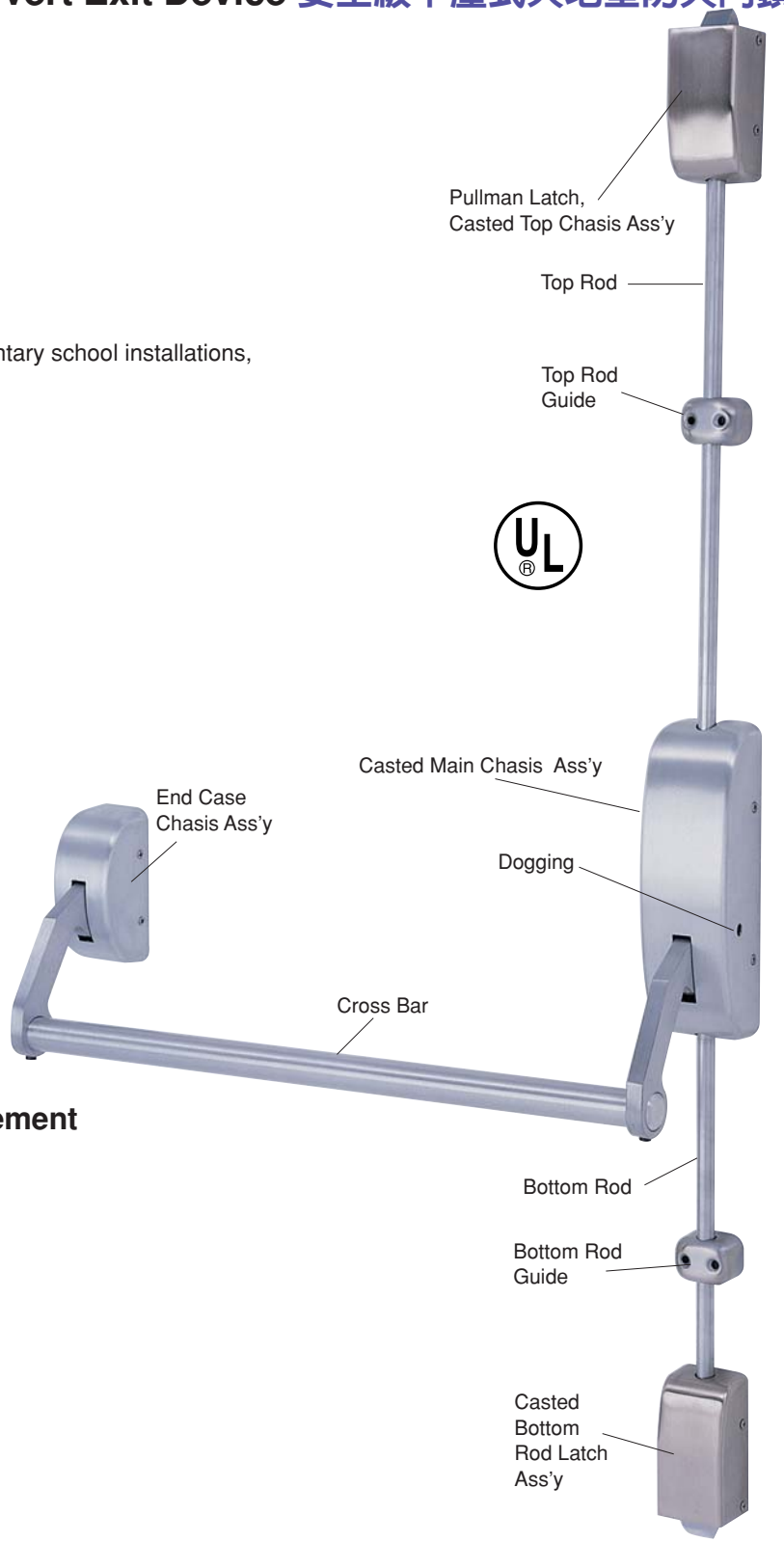
LEON/MCKIN #17-960 Panic Vert Exit Device 安全級下壓式天地型防火門鎖 二級結構

Specifications:

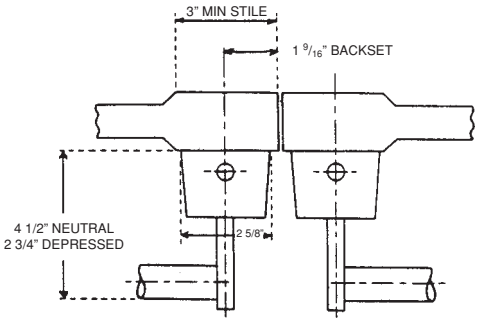
Conforms to ANSI Std. A156.3 Grade 2
For Doors.....1 3/4" (2 1/4" thick on order).
Covers.....Alum
Chassis..... Alum
Arms.....Alum
Crossbar.....1" Alum or Steel or Stainless Steel tubing, .062" thick.
Crossbar.....36" from floor standard. For elementary school installations, 33" from floor recommended.
Hand.....Reversible.
U.L. Listed.....For Panic.
Finishes.....Alum/Duro/Gold

※規格：

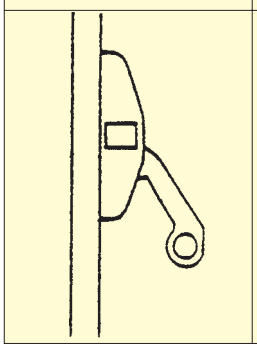
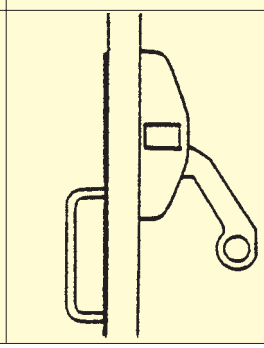
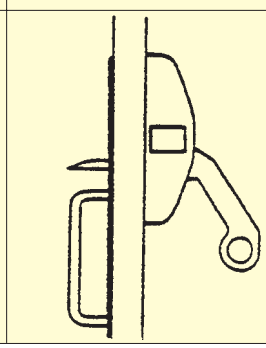
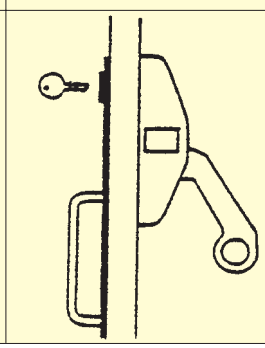
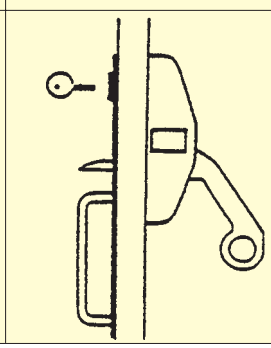
—使用在 **45mm** 門厚，補強範圍 **76mm** 左右。
—底座，全鋁合金。
—頭蓋，鋁，油壓製成型。
—主臂，鋁合金。
—下壓時，鋁或鐵或不鏽鋼條 1.6mm 厚。
—下壓條，裝在地板算上來 914mm 處。
學校則應裝在地板算上來 840mm 處。
—可替換左右向門之用。
—上下舌，不鏽鋼或銅料。
—有常開裝置。
—顏色選擇有
鋁色、黑色、金色
—使用在門規
1) 8 呎長 x8 呎高雙扇門
2)門寬 914mm
可訂不同長度之下壓條來符合不同寬之需求。



Double Door - Minimum Stile Requirement For 2 Vertical Rod Device.



Functions:

RL-900-1 FUNCTION EXIT DOOR ONLY	RL-900-2 FUNCTION EXIT DOOR ONLY WITH TRIM	RL-900-3 FUNCTION ENTRANCE BY THUMB LATCH ALWAYS FREE	RL-900-4 FUNCTION LATCH BOLT OPERATED BY KEY ONLY FROM OUTSIDE	RL-900-5 FUNCTION LATCH BOLT OPERATED BY KEY THUMBPIECE FROM OUTSIDE
				

LEON/MCKIN

GLS9800 Series .....

Rim Type, Narrow Stile Exit Device

Specifications

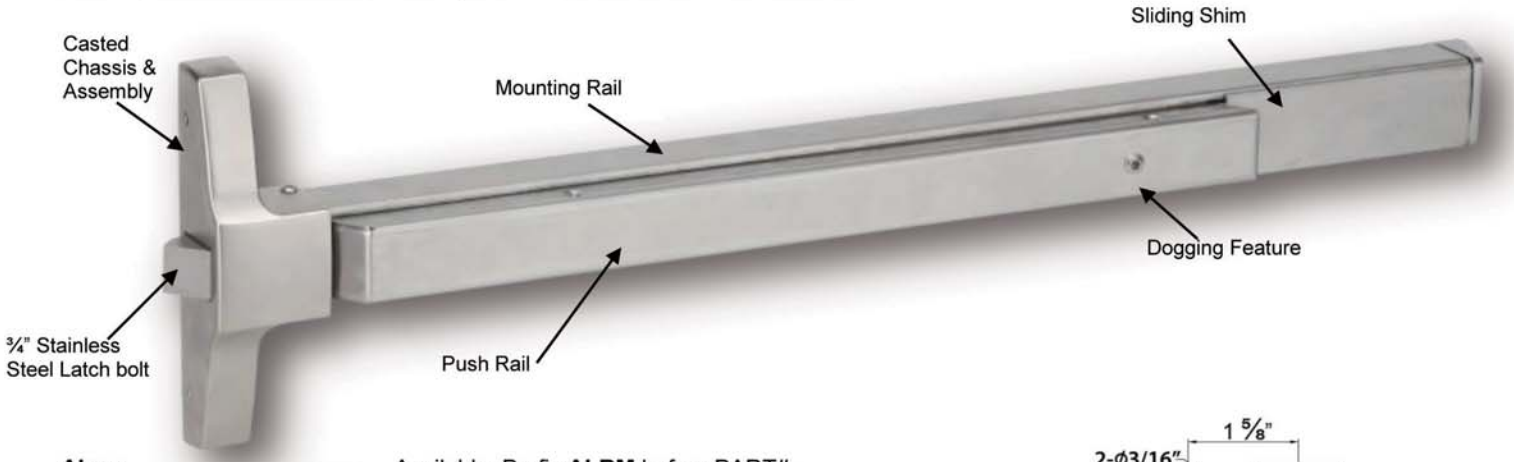
For Doors..... Wood, Metal or Aluminum Glass doors with 1 ¾" minimum stile width , 1 ¾" thickness for single or double door application

Chassis..... Non-ferrous alloy (Panic Grade)

Cover..... Brass, bronze or stainless steel

Mounting..... Furnished with wood and machine screws. Thrubolts available upon request

End Cap..... Brass, bronze or stainless steel construction



Alarm..... Available. Prefix **ALRM** before PART#

Hand..... Non-handed

Latch Bolt..... Stainless steel ¾" throw

Spring..... Stainless steel throughout

ANSI Standard..... A156.3, Grade 1

Rail Assembly..... Heavy gauge brass, bronze or stainless steel

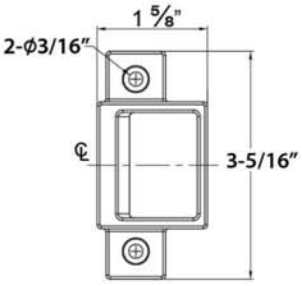
Strike..... 246 packed standard. Optional 247 strike. (See strike page)

Dogging Feature..... Allen-type key furnished standard

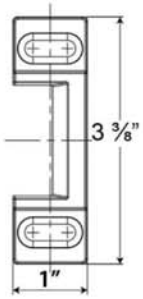
Mullion..... Available

UL and ULC Listed..... GLS9800 Series for Panic and Safety for all types of 4' x 8' single doors and 8' x 8' double doors

Finish..... Architectural plated finishes



246 STRIKE



247 STRIKE (OPTIONAL)

DIMENSIONS

Touchbar height to finished floor	41" (1034mm) at center
Touchbar projection	
neutral	2 ½" (63.5mm)
depressed	1 ⅞" (47.625mm)
Center case	8 1/16" x 1 ⅛" x 2"(205mm x 27.575mm x 50.8mm)

MODEL	ACTUAL LENGTH	MAX CUT DOWN	DOOR SIZE
GLS9800EO36	34 ½"	8"	28" to 36" width
GLS9800EO48	46 11/32"	13 25/32"	37" to 42" width

LEON/MCKIN

GLSCVR9800 Series.....

Concealed Vertical Rod Type, Narrow Stile Exit Device
Optional Less Bottom Rod (LBR)

c UL us
PANIC & SAFETY

Specifications

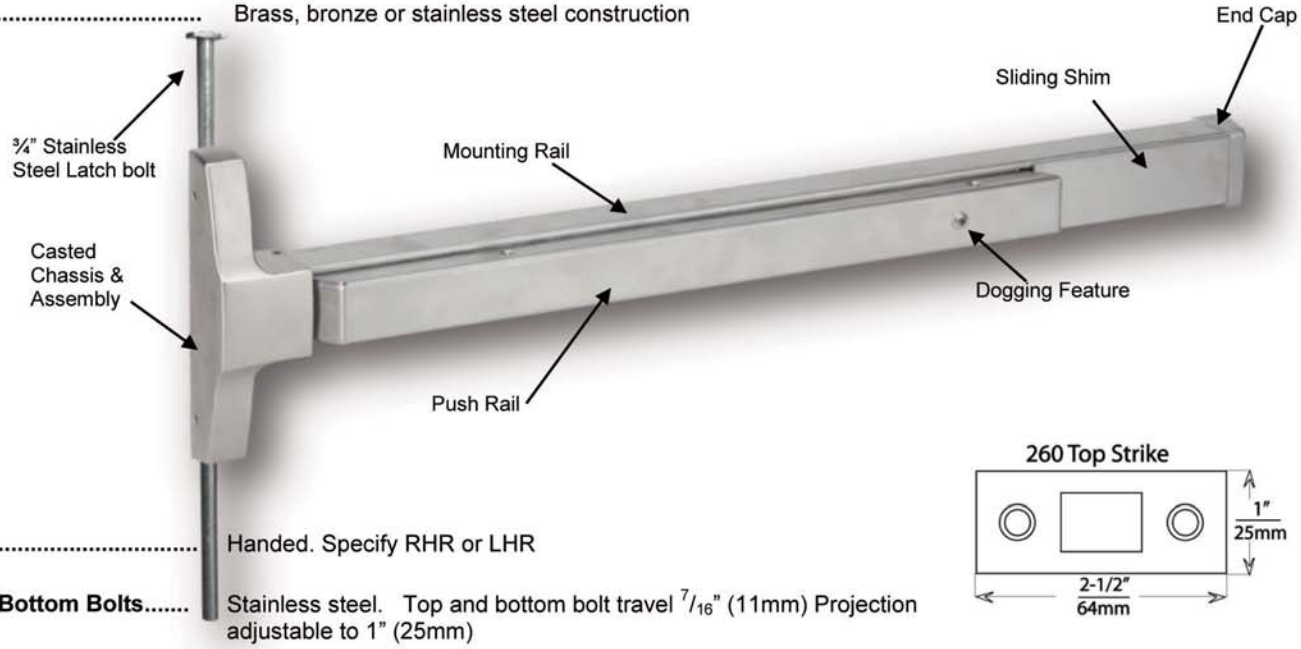
For Doors..... Metal or Aluminum Glass doors with 1 ¾" minimum stile width, 1 ¾" thickness for single or double door application

Chassis..... Non-ferrous alloy (Panic Grade)

Cover..... Brass, bronze or stainless steel

Mounting..... Furnished with wood and machine screws

End Cap..... Brass, bronze or stainless steel construction



Hand..... Handed. Specify RHR or LHR

Top and Bottom Bolts..... Stainless steel. Top and bottom bolt travel $^{7}/_{16}$" (11mm) Projection adjustable to 1" (25mm)

Spring..... Stainless steel throughout

ANSI Standard..... A156.3, Grade 1

Rail Assembly..... Heavy gauge brass, bronze or stainless steel

Strike..... 260 Top and 265 Bottom strikes packed standard (See strike page)

Dogging Feature..... Allen-type key furnished standard

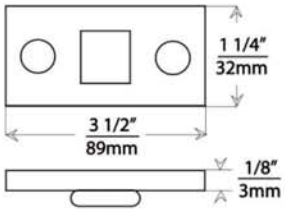
Mullion..... Available

UL and ULC Listed..... GLSCVR9800 Series for Panic and Safety for all types of 4' x 8' single doors and 8' x 8' double doors for Panic & Safety

Finish..... Architectural plated finishes

260 Top Strike

265 Bottom Strike



DIMENSIONS

Touchbar height to finished floor	41" (1034mm) at center
Touchbar projection	
neutral	2 ½" (63.5mm)
depressed	1 ⅞" (47.625mm)
Center case	8 $^{1}/_{16}$" x 1 ⅛" x 2"(205mm x 27.575mm x 50.8mm)

MODEL	ACTUAL LENGTH	MAX CUT DOWN	DOOR SIZE
GLSCVR983684	34 ½"	8"	28" to 36" width
GLSCVR984884	46 11/32"	13 25/32"	28" to 42" width

Trim Selection

ESCUTCHEON LEVER DESIGN

CONSTRUCTION

- Free-wheeling clutch mechanism.
- Grade 1, thru-bolted design. Handed design.
- Hardened steel heavy duty tailpiece. Available for non-fire rated rim and concealed vertical rod exit devices.

DOOR THICKNESS

Standard 1 ¾".

ESCUTCHEON DIMENSIONS

1-13/16" width X 8" length
Lever length: 5"

GLSRIM9800
GLSCVR9800
ICGLSRIM9800
ICSCGLSRIM9800
ICGLSCVR9800
ICSCGLSCVR9800

ENTRANCE
Clutch free-wheeling Entrance, key locks or unlocks escutcheon trim
ANSI FUNCTION (63) Operates as classroom function
CVR is used for Concealed Vertical Rod Exit Device
RIM is used for Rim Type Exit Device

GLSRIM9805
GLSCVR9805
ICGLSRIM9805
ICSCGLSRIM9805
ICGLSCVR9805
ICSCGLSCVR9805

STOREROOM
Clutch free-wheeling Storeroom, key unlocks lever, lever retracts latch bolt, otherwise always locked
ANSI FUNCTION (04)
CVR is used for Concealed Vertical Rod Exit Device
RIM is used for Rim Type Exit Device

GLSRIM9830
GLSCVR9830

PASSAGE
Trim always operable and free
ANSI FUNCTION (62)
CVR is used for Concealed Vertical Rod Exit Device
RIM is used for Rim Type Exit Device

GLSRIM9840
GLSCVR9840

DUMMY
Dummy Escutcheon trim ANSI FUNCTION (10)
CVR is used for Concealed Vertical Rod Exit Device
RIM is used for Rim Type Exit Device

KEYWAY: 6 pin solid brass "C" keyway Mortise Cylinder standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa and Kaba High Security Cylinders.

(IC) INTERCHANGEABLE CORE: Interchangeable Core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.

(ICSC) INTERCHANGEABLE CORE: Indicates function available with **Schlage Full size format** Interchangeable Core.

Trim Selection

PULL DESIGN

98GLSNL
IC98GLSNL
ICSC98GLSNL

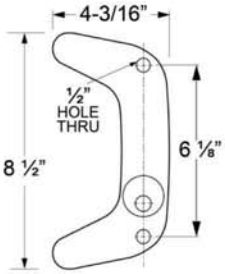
FOR RIM DEVICES ONLY
Outside by pull and key.
Key retracts latch bolt.
ANSI function – 03

KEYWAY
6 pin solid brass "C" keyway
Rim Cylinder standard.

FINISHES
Architectural plated finishes.

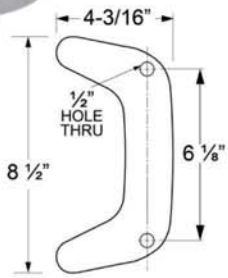
98GLSUP

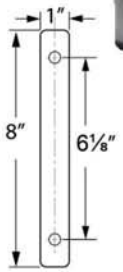
Outside by pull only.
Pull when dogged.
ANSI function – 02



GLSRIM98EOP
GLSCVR98EOP

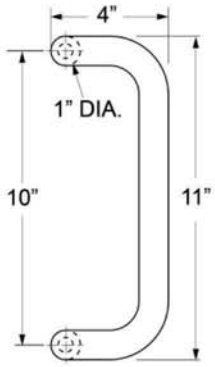
Outside cover plate only.
ANSI function – 10





98GLSCYL-1

IC98GLSCYL-1
ICSC98GLSCYL-1



OFSTPUL-10 (REVERSIBLE)

Outside by pull only. Pull when dogged.
ANSI function – 02 Covers 161 cutout

KEYWAY: 6 pin solid brass "C" keyway Mortise Cylinder standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa and Kaba High Security Cylinders.

(IC) INTERCHANGEABLE CORE

Interchangeable Core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.

(ICSC) INTERCHANGEABLE CORE: Indicates function available with **Schlage Full size format** Interchangeable Core.

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