

Lutér®

Security Solutions

Grade 1 Products Catalog



M8A0

ANSI / UL

Mortise Locks

Security, Innovation, explore a system of styles

Lutér® Security Solutions

Applications

High abuse areas-institutions, school, retail.
High traffic areas-offices, public buildings, hospitals.
Muti-family housing.
Retail complexes.

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**For every security need,
We have a solution that fits.**



M8A0 Series Mortise Locksets Specification



All lockcase shall be M8A0 Series Mortise Locksets as manufactured by Luter Enterprise.

Locks shall meet ABSI/BHMA A156.13 2012 SERIES 1000 Grade 1 standards for mortise lock and latches.

All functions available in one size case, Shall have a 2-3/4" (70mm) backset, a full 3/4" (18.8mm) throw 2-piece stainless steel mechanical with Anti-friction on latch bolt, and One-piece stainless steel 1" (25.4mm) throw deadbolt. Internal parts shall be heavy-gauge steel, minimum thickness 2mm, zinc dichromate plated for corrosion resistance. Locks shall be Non-handed lever, The lockset can be re-handed without disassembling the lock case.

All Locksets with latchbolt, regardless of trim, shall be approved for use on 3-hour labeled fire doors and listed by Underwriters Laboratories Inc.

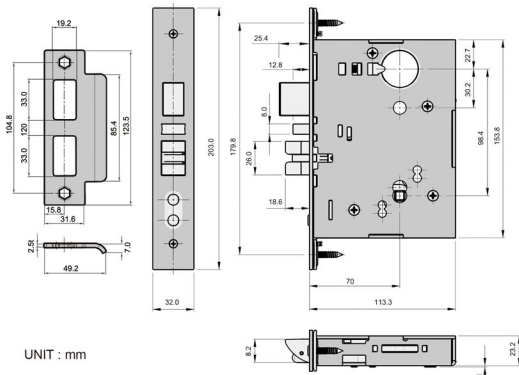
High security Lock Trim(lever, Knob, sectional or escutcheon) shall be throughbolted through the lockcase to ensure correct alignment and proper operation. Material shall be cast stainless steel or forged solid Brass.

All lock, trim, and cylinders shall be from one manufacturer.



FEATURES










Appearance:	Solid , heavy-duty trims All Lever and knob designs can available in Escutcheon and Sectional styles.
Handing:	Non-handed lever, The lockset can be re-handed without disassembling the lock case
Door Thickness:	1-3/4" (44mm) standard, Optional door thickness available.
Backset:	2-3/4" (70mm).
Lock case:	Center to center 3-5/8"(98mm) & 3-5/8"(91.8mm) adjustable ; Heavy-gauge steel, 6-1/16" (154mm) x 4-7/16" (113mm) x 1" (25mm).
Front:	Heavy-Gauge steel, 8" (203mm) x 1-1/4" (32mm) x -3/32"(2mm). Accommodates flat doors and doors beveled 1/8"(3mm) in 2" (51mm).
Latch bolt:	2-piece stainless steel mechanical with Anti-friction insert, 3/4" (18.8mm) throw.
Auxiliary Latch bolt:	1/2" (12.7mm) effective throw and 3/8"(9.5mm) effective auxiliary latch deadlocking.
Deadbolt:	One-piece stainless steel with hardened steel pins and 1"(25.4mm) throw.
Hub:	5/16"(8mm)
Trim:	As specified, see quick codes.
Cylinder :	As specified, see quick codes.
Keyway :	As specified, see quick codes.
Finish :	As specified, see quick codes.
Warranty :	Five-year limited.
Certification / Compliance	ANSI/BHMA A156.13 2012 Series 1000, operational and Security Grade 1. Exceeds 1,000,000 cycles. UL / UL C listed 3 hours Fire Rating. For use on single or double fire doors.



UNIT : mm

ANSI code	FUNCTION	DIAGRAM EXT.	OPERATION
F01	Passage		Latch bolt operated by lever from either side at all times.
F02	Privacy (Bath Lock)		Latchbolt retracted by knob/lever from either side. Deadbolt retracted by inside thumbturn only. Throwing deadbolt locks outside knob/lever and free wheeling. To unlock from outside, rotating outside coin turn retracts deadbolt and unlocks outside knob/lever.
F04	Office/Entrance (w/storeroom control)		Latchbolt retracted by lever/knob from either side. When outside is locked, latchbolt is retracted by key outside or by knob/lever inside. Outside knob/lever remains locked and free wheeling until unlocked by operating inside lever or by key outside. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate exit.
F05	Classroom		Latch bolt operated by lever/knob from either side unless outside is locked by key. When outside lever/knob is locked, latch bolt is retracted by key or by operating inside lever. Inside lever is always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is locked.

Indicates interchangeable core available.

ANSI code	FUNCTION	DIAGRAM EXT.	OPERATION
F07	Storeroom		Latch bolt retracted by key outside or by lever/knob inside. Outside lever is always inoperative. Inside lever/knob is always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is locked.
F09	Entrance or Public Restroom		Latch bolt retracted by lever/knob from either side unless outside is locked by key from inside. When outside lever is locked, latch bolt is retracted by key outside or by operating lever inside. Inside lever is always free for immediate exit. Auxiliary latch deadlocks latch-bolt when door is closed.
F12	Apartment/ Dormitory		Latch bolt retracted by lever/knob from either side. Deadbolt retracted by key outside or inside thumbturn. Throwing deadbolt locks outside lever/knob. Operating inside lever/knob retracts deadbolt and latchbolt at the same time, and unlocks outside lever/knob. Inside lever is always free for immediate exit. Auxiliary latch deadlocks latch-bolt when door is closed.
F13	Corridor/Dormitory		Latch bolt retracted by lever/knob from either side. Deadbolt retracted by key outside or inside thumbturn. Throwing deadbolt locks outside lever/knob. Operating inside lever/knob retracts deadbolt and latchbolt at the same time, and unlocks outside lever/knob. Inside lever is always free for immediate exit.
F14	Utility room lock		Latch bolt retracted by lever/knob from either side. Deadbolt retracted by key from either side.
F15	Hotel lock		Latch bolt retracted by key from outside or by lever/knob inside. Outside lever/knob is always fixed. Dead bolt projected by turn from inside and all keys except emergency and display key are shut out. Operating inside lever retract both bolts. Auxiliary latch deadlocks latchbolt when door is locked. Inside lever is always free for immediate exit.
F19	Privacy (interconnected)		Latchbolt retracted by lever/knob from either side. Deadbolt thrown or retracted by inside thumbturn only. Throwing deadbolt locks outside knob/lever and free wheeling. To unlock from outside, rotating outside coin turn retracts deadbolt and unlocks outside knob/lever. Operating inside lever/knob retracts deadbolt and latchbolt at the same time, and unlocks outside lever/knob.
F20	Entrance (w/storeroom control)		Latchbolt retracted by lever/knob from either side unless outside is locked by rotation of thumbturn inside. Deadbolt thrown or retracted by inside thumbturn only. Throwing deadbolt locks outside knob/lever and free wheeling. When outside is locked, latchbolt is retracted by key outside or by knob/lever inside. Outside knob/lever remains locked and free wheeling until unlocked by operating inside lever. Operating inside lever/knob retracts deadbolt and latchbolt at the same time, and unlocks outside lever/knob. Auxiliary latch deadlocks latchbolt when door is closed. Inside lever is always free for immediate exit.
F21	Room door lock		Latch bolt retracted by lever/knob from either side. Deadbolt retracted by key outside or inside thumbturn. Throwing deadbolt locks outside lever/knob. Operating inside lever/knob retracts deadbolt and latchbolt at the same time, and unlocks outside lever/knob. Inside lever is always free for immediate exit.

Note : if a special function is required and not listed here, please contact the factory for assistance.

Lutér® Commercial Standard Lever Designs



Commercial Standard Lever Designs



SS



GS



TS



H01



DS



QS



H02



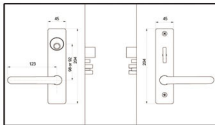
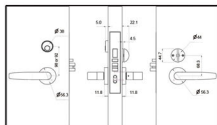
GE



SE

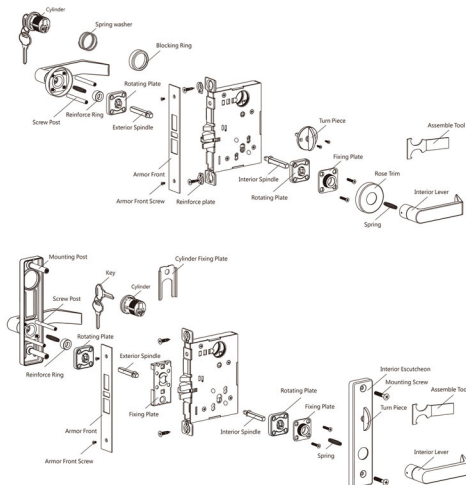


E - Plate



Every lever handle can be used with any of the rosette or escutcheon trims.

Exploded View

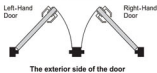


HOW TO CHANGE HANDING

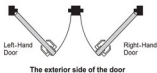
Door Handing Determination

Regardless whether the door opens inward or outward, the exterior side of the door is taken as the reference, and the position of the door hinge is based upon it.

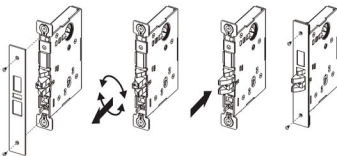
Inward opening door



Outward opening door



Change Handing



1. Remove the armor front.
2. Pull out the latch bolt and rotate it 180° clockwise or counterclockwise.
3. After ensuring it's position, push the latch bolt back into the latch to complete the handing changing.
4. Put back and fasten the armor front with screws.

Lutér® Handle Designs

Forged Brass Handle Design

Luter's Mortise Lock are packaged completely with Levers, Knob or Plate.

Functions are passage, Entrance, Privacy, Single Dummy and Pair Dummy. Please see our Function chart.



LV 21



LV 22



LV 23



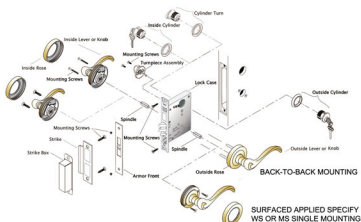
LV 29



LV 31



LV 32



Residential Stainless Steel Handle Mortise Locksets

STAINLESS STEEL 304/316 HOLLOW LEVER HANDLE



ST 001
STM001



ST 002
STM002



ST 003
STM003



ST 007
STM007



ST 010
STM010



ST 012
STM012



ETM Plate

Lutér® Mortise Cylinder

Mortise Cylinder

Lutér's series cylinders that are constructed with Schlage-C best keyway, can be Keyed to Keyed Alike(KA), Master Keying(MK), Grand Master Keying (GMK) or Construction Keying.



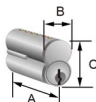
L6 Series



Schlage "c"



Interchangeable Core.



Cylinder	L	
	mm	Inch
1	25.4	1
1 1/8	26.8	1.055
1 1/4	30	1.181
1 3/8	33.2	1.307
1 1/2	36.4	1.433
1 3/4	42.8	1.685
2	49.3	1.940

Solid brass, 5 pin or 6 pin.
Cam must be specific.
Keying : Master Key system
(GMK ,MK ,KA).

Brass Cylinder
Brass Pins
High Quality Plating With US26D
Each Cylinder With 3 Keys
2 Keys For Open Lock
1 Control Key For Core Taking Off

Specifications

Cylinder Housing	Dimension "L"	Door Thickness
LLIC 6	34.1mm	1-5/8"~2-1/4"
LLIC7	37.1mm	1-5/8"~2-1/4"

Finishes



US Code US3



US4



US5



US10B



US26



US26D



US32



US32D

BHMA

605

606

609

613

625

626

629

630

How to Order

When you placing order, please inform us the following requirement you need. We will very appreciate your assistance.

1. Type Design:
2. Model Function No.:
3. Finish:
4. Cylinder- Single Cylinder or Double Cylinders:
5. Door Thickness:
6. QTY.:

FL Series GRADE 1 COMMERCIAL HEAVY DUTY CYLINDRICAL LOCKSETS



FLR9300



FLR8300



FLR6300



FAR3000

CERTIFICATION

ANSI ANSI/BHMA A156.2-2003 Grade 1 certified.
UL 3 hours fire rating certified. UL File No. R25704.

SPECIFICATIONS

Exposed Trim Stainless steel or brass.
Door Thickness 1-3/8" to 2" (35mm - 51mm) standard.
Backset Available in 2-3/8", 2-3/4" backset.
(60mm, 70mm)
Strike 9109. ASA strike 1-1/4" x 4-7/8" x 3/32"
(31.4 mm x 123.5mm x 2.4 mm) standard.
9106. T strikes 1-1/8" x 2-3/4" x 5/64"
(28.2mm x 69.5mm x 2.0mm) optional.
Faceplate 1-1/8" x 2-1/4" (28.4mm x 57.0mm) square
corner.
1" x 2-1/4" (25.4mm x 57.0mm) faceplate
also available.
Latch bolt Stainless steel powder metallurgy latch bolt
with 1/2" (12.7mm) throw.
Cylinder 6 pin solid brass cylinder. Schlage "C"
Keyway standard.
Small Format Interchangeable Core cylinder
also available. (6/7 pin cylinder, Best "F"
keyway)
Door Handing Non-handed.
Finishes US3, US10B, US26, US26D
Other finishes are available upon request.

FL SERIES FUNCTION DESCRIPTION




LUTER Code	ANSI Code	Description	LUTER Code	ANSI Code	Description
0	F109	ENTRANCE LOCK	51	F113	COMMUNICATING (KEY TYPE) LOCK
1	F82	ENTRANCE / OFFICE LOCK	52	F111	COMMUNICATING (NON-KEY TYPE) LOCK
2	F90	CORRIDOR LOCK	61	F87	DOUBLE CLASSROOM (COMMUNICATING LOCK)
11	F91	STORE DOOR LOCK	62	F86	INTRUDER CLASSROOM LOCK
12	F84	CLASSROOM LOCK	78	--	SINGLE DUMMY TRIM
14	F80	DOUBLE CLASSROOM (COMMUNICATING LOCK)	82	F75	PASSAGE SET
15	F110	INTRUDER CLASSROOM LOCK	90	F77	PATIO LOCK
30	F76	PRIVACY LOCK			

Note : "R" with Interchangeable Core.

Lutér® Auxiliary Locks







Li Series – Deadbolt



-  Standard Cylinder.
-  Rim 35 Cylinder.
-  Small format Interchangeable core option.

Security Locks 1" Projection Deadbolt.
Commercial Deadbolt — Grade 2.
Adjustable backset 2-3/8"(60mm) , 2-3/4" (70mm).
Non-handed.








Model No.	ANSI		
 10	E2152	Single Cylinder.	
 20	E2142	Double Cylinders.	
 30	E0162	Cylinder only ,Blank plate inside.	
 50	E0192	No outside trim.	
 70	E01112	Back plate outside.	
 90	---	Occupancy indicator on outside indicates " " or " ".	

D810 Series – Mortise Deadbolt



1" Projection Deadbolt.
Backset : 70mm.

Model No.	ANSI	Model No.	ANSI
 D810-16	E06061 (for M8A0)	 D810-45	---
 D810-17	E06071 (for M8A0)	 D810-19	---
 D810-18	E06081 (for M8A0)		

Note : specify the hand of door when ordering.

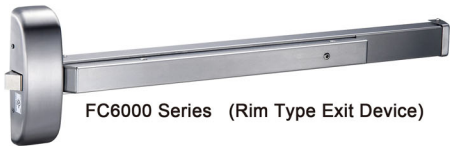
X-Ray Shielding Lead Box



These boxes are designed to fit our all-series heavy duty Mortise locks.

This design is featured with radiation-resistant. The lock is simply inlaid into the lead box and then installed into the lock cut-out of the door. The boxes are affordable and available for quick turnaround.

Lutér® Fire Command Panic Exit Device

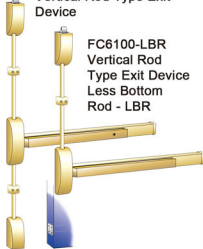


FC6000 Series (Rim Type Exit Device)

ANSI A156.3, Grade 1



**FC6100 Series
Vertical Rod Type Exit
Device**



**FC6100-LBR
Vertical Rod
Type Exit Device
Less Bottom
Rod - LBR**

Specifications

For Doors

1 3/4" thick standard, optional 2 1/4" Thick. 4 1/2" minimum stile width required for single 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 161cutout.

Mounting

Furnished standard with wood and machine screws. Available with thru bolts on request.

End Cap

Steel construction.

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'x8' double doors for up to 3 hours fire labeled installations, conforms to standards UL 10C and UBC 7-2-1997 codes.

Door Size

32" / 36" / 48"

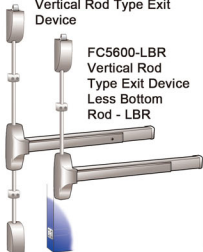


FC5500 Series (Rim Type Exit Device)

ANSI A156.3, Grade 1



**FC5600 Series
Vertical Rod Type Exit
Device**



**FC5600-LBR
Vertical Rod
Type Exit Device
Less Bottom
Rod - LBR**

Specifications

For Doors

1 3/4" thick standard, optional 2 1/4" Thick. 4 1/2" minimum stile width required for single 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.

Mounting

Furnished standard with machine screws. Available with thru bolts on request.

End Cap

Steel construction.

UL and ULC Listed...5500 Series for panic.

conforms to standards UL 10C and UBC 7-2-1997 codes.

Door Size

32" / 36" / 48"

Lutér® Fire Command Panic Exit Device

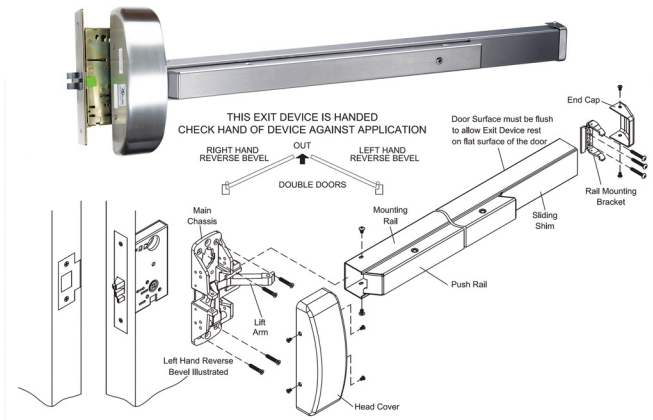
Luter FC2200 Series Mortise Exit Device

Available stock length for

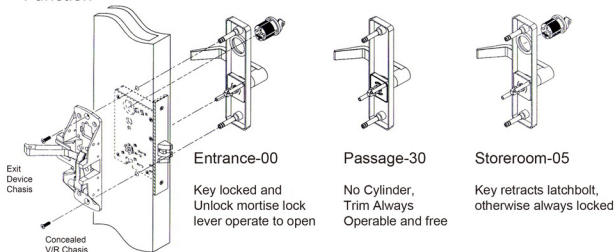
32" doors, Device can be cut to fit doors to 24" wide

36" doors, Device can be cut to fit doors to 32" wide

48" doors, Device can be cut to fit doors to 44" wide



Function



Door Closer

CERTIFICATIONS

ANSI/BHMA A156.4-2000 Grade 1 certified.
 Comply with ANSI A117.1 ADA requirements.
 UL/cUL Listed, 3 hours fire rated.
 UL10C, UBC 7-2(1997), UL 228.
 File: R27920



D011 Series



SPECIFICATION	
Material	Aluminum alloy body.
Cover	Plastic cover.
Mount Hole Dimension	203mm
Door Handing	Non-Handed.
Valves	Adjustable latching and sweep speed valve. Adjustable Backcheck (BC) valve.
Power Adjustable Opening Angle	Non-sized, #1 ~ #4 or #3 ~ #6.
Arms & Brackets	All standard arm applications allow doors to swing 180°, conditions permitting.
Arm Function	Standard Tri-pack for regular arm, top jamb and parallel arm application. Additional arms optional. Standard : Tri-Packed arm, Non-Hold open Optional : Hold open arm; Cust stop arm; Cust stop hold open arm
Drop Plate(Optional) Fasteners	Standard pull side. Parallel push side. Self tapping screws and machine screws standard. Six bolts optional.
Finishes	Aluminum (A), Black (B), Duro (D), Golden (G), Ivory (I), White (W), Silver (S), Bronze (6). Other finishes are available upon request.

D012 Series



SPECIFICATION	
Material	Aluminum alloy body. Forged steel arm.
Cover	Full size plastic cover standard, Slim-line plastic cover optional. Metal cover also available.
Mount Hole Dimension	305mm
Door Handing	Non-Handed.
Valves	Adjustable latching and sweep speed valve. Adjustable Backcheck valve Adjustable Delayed action valve optional. (Backcheck and Delayed Action are standard in the same door closer body.)
Power Adjustable Opening Angle	Non-sized, #1 ~ #6.
Arms & Brackets	All standard arm applications allow doors to swing 180°, conditions permitting.
Arm Function	Standard Tri-pack for regular arm, top jamb and parallel arm application. Additional arms optional. Standard : Tri-Packed arm, Non-Hold open. Optional : Hold open arm. Cust stop arm. Cust stop hold open arm
Drop Plate(Optional) Fasteners	Standard pull side. Parallel push side. Top jamb push side. Self tapping screws and machine screws standard. Six bolts optional.
Finishes	Aluminum (A), Black (B), Duro (D), Golden (G), Ivory (I), White (W), Silver (S), Bronze (6). Other finishes are available upon request.

Lutér® Door Closer

D013 Series



SPECIFICATION

Material	Aluminum alloy body. Forged steel arm.
Cover	Full size plastic cover standard. Metal cover also available.
Mount Hole Dimension	283mm
Door Handing	Non-Handed.
Valves	Adjustable latching and sweep speed valve. Adjustable Backcheck valve. Adjustable Delayed action valve optional.
Power Adjustable Opening Angle	Non-sized, #1 ~ #6. All standard arm applications allow doors to swing 180°, conditions permitting.
Arms & Brackets	Standard Tri-pack for regular arm, top jamb and parallel arm application. Additional arms optional.
Arm Function	Standard : Tri-Packed arm, Non-Hold open Optional : Hold open arm; Cust stop arm; Cust stop hold open arm
Drop Plate(Optional)	Standard pull side. Parallel push side.
Fasteners	Self tapping screws and machine screws standard. Six bolts optional.
Finishes	Aluminum (A), Black (B), Duro (D), Golden (G), Ivory (I), White (W), Silver (S), Bronze (6). Other finishes are available upon request.

D014 Series



SPECIFICATION

Material	Cast Iron body, forged steel arm.
Cover	Full size plastic cover standard. Metal cover also available.
Door Handing	Non-Handed.
Valves	Adjustable latching and sweep speed valve. Adjustable Backcheck valve. Delayed action valve optional.
Power Adjustable Opening Angle	Non-sized, #1 ~ #6. All standard arm applications allow doors to swing 180°, conditions permitting.
Arms & Brackets	Standard Tri-pack for regular arm, top jamb and parallel arm application. Additional arms optional.
Arm Function	Standard : Tri-Packed arm, Non-Hold open Optional : Hold open arm; Cust stop arm; Cust stop hold open arm
Drop Plate(Optional)	Standard pull side; Parallel push side; Top jamb side; Top jamb centre push side.
Fasteners	Self tapping screws, machine screws and six bolts standard packing.
Finishes	Aluminum (A), Black (B), Duro (D), Golden (G), Ivory (I), White (W), Silver (S), Bronze (6). Other finishes are available upon request.

D015 Series



SPECIFICATION

Material	Aluminum alloy body.
Cover	Plastic cover(only for commercial model).
Mount Hole Dimension	Commercial : 203mm Economy model : 209mm
Door Handing	Non-Handed.
Valves	Adjustable latching and sweep speed valve. Adjustable Backcheck (BC) valve or non Backcheck.
Power Adjustable Opening Angle	Non-sized, #1 ~ #4 or #3 ~ #6. Fixed size 3, 4, 5 also available (Economy model)
Arms & Brackets	All standard arm applications allow doors to swing 180°, conditions permitting.
Arm Function	Standard : Tri-Packed arm, Non-Hold open Optional : Hold open arm; Cust stop arm.
Drop Plate(Optional)	Standard pull side. Parallel push side.
Fasteners	Self tapping screws and machine screws standard. Six bolts optional.
Finishes	Aluminum (A), Black (B), Duro (D), Golden (G), Ivory (I), White (W), Silver (S), Bronze (6). Other finishes are available upon request.

Lutér®

Lead and multi-development

Luter provides a total access solution in locks and security access related services. Luter's comprehensive range of products and services include of household lock-ware, plus mechanical and electrical lock-ware for commercial and residential applications. Master-keying consultation and implementation services are among the latest, user-friendly key management systems in the business.

For the future, Luter is engaging in maintaining its industry leadership with continuous R&D investments in the mechanical and electronic security area including biometric solutions.



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