

**U-SHIN SHOWA**

**ENGLISH CATALOG  
FOR LOCKS**

**U-SHIN  
SHOWA**

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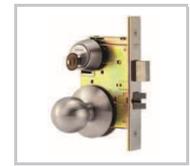
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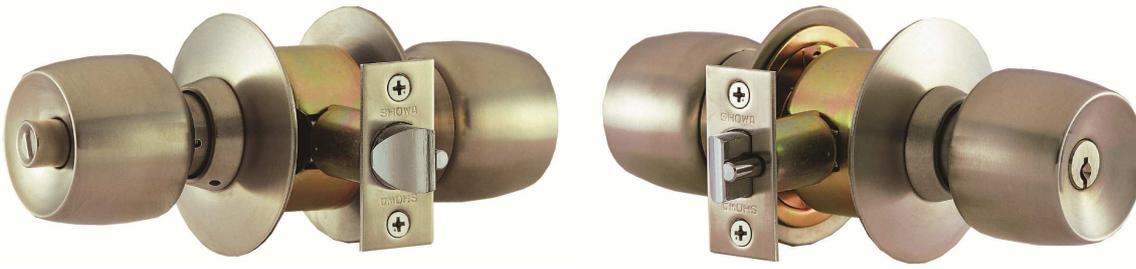


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## PUSH PULL HANDLE LOCK



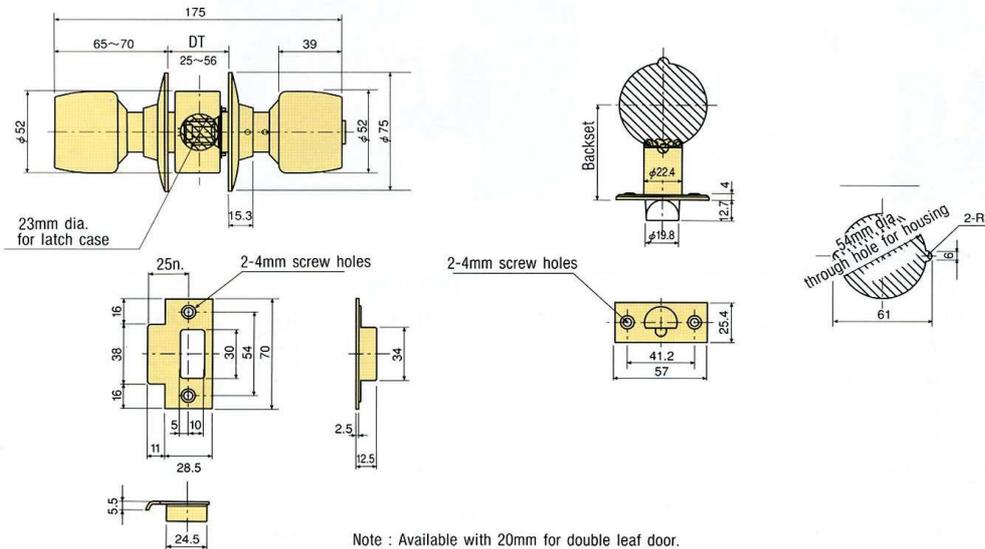
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**SPECIFICATIONS**

Backset	60mm, 64mm, 70mm, 90mm, and 127mm
Cylinder	6 pin standard. Available with X-Key cylinder.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Faceplate	Stainless steel standard.
U.L.Listings	Listed for A label (3hour) Single swing door.
For Doors	25-33mm, 33-45mm, 45-56mm
Keys	Three. Brass, nickel plated.
Latchbolt	Brass, chrome plated.
Strike	Stainless steel standard.
Knob	Stainless steel standard.
Rose	Stainless steel standard.
ANSI	Comforms to ANSI A156.2, series 4000, Grade 2.

**CUT-OUT DRAWING**



**HOW TO ORDER (Example)**

- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

**(X-) SD - G25 - GA - US32D - 70 - 45 - S(D)**

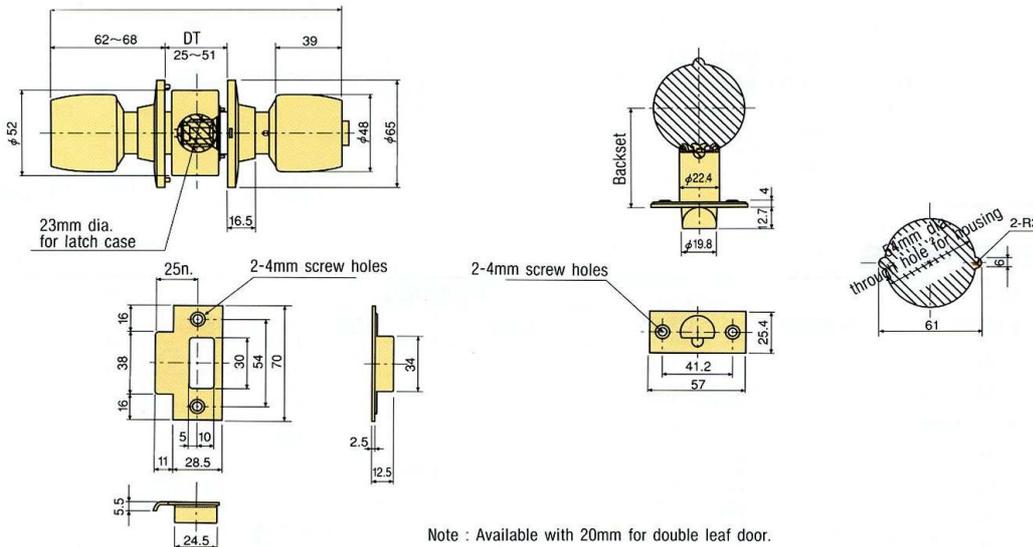
- ① Prefix X when ordering with X-KEY cylinder. ② Series name of lock. ③ Function. ④ Rose and knob design. ⑤ Finish. ⑥ Backset. ⑦ Door thickness. ⑧ Door type. Single leaf door : S, Double leaf door : D



**SPECIFICATIONS**

Backset	60mm, 64mm, 70mm, 90mm, and 127mm
Cylinder	5 pin standard. <b>Unavailable with X·NX Key cylinder.</b>
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Faceplate	Stainless steel standard.
U.L.Listings	Listed for A label (3hour) Single swing door.
For Doors	25-33mm, 33-43mm, 43-51mm
Keys	Three. Brass, nickel plated.
Latchbolt	Brass, chrome plated.
Strike	Stainless steel standard.
Knob	Stainless steel standard.
Rose	Stainless steel standard.
ANSI	Comforms to ANSI A156.2, series 4000, Grade 2.

**CUT-OUT DRAWING**

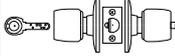
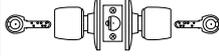
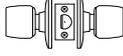
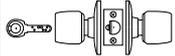
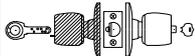
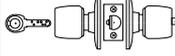
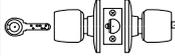


**HOW TO ORDER (Example)**

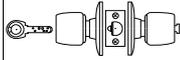
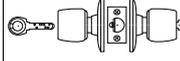
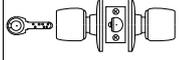
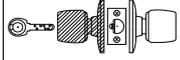
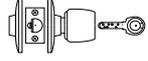
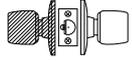
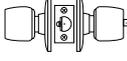
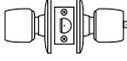
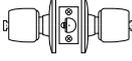
① ② ③ ④ ⑤ ⑥ ⑦  
**SS - G25 - GA - US32D - 70 - 45W(M) -S(D)**

①Series name of lock. ②Function. ③Rose and knob design. ④Finish. ⑤Backset.  
 ⑥Door thickness and material. Wood door : W, Metal door : M ⑦Door type. Single leaf door : S, Double leaf door : D

**FUNCTION CHART**

LOCATIONS	FUNCTION NO.	OUTSIDE	INSIDE	FUNCTION DESCRIPTION	SERIES	
					SD	SS
All Purpose or Entrance	G25			Latchbolt by either knob unless outside knob is locked by button in inside knob. Key retracts latchbolt. Outside knob is unlocked by key outside or turning inside knob except when button is turned while depressed. Closing door does not release button. Guardbolt deadlocks latchbolt.	●	●
Entrance General	G26			Latchbolt by either knob. Both knobs are locked or unlocked by key in either knob. Guardbolt deadlocks latchbolt.	●	●
Passage	U15			Latchbolt by either knob at all times.	●	●
Patio or Inner Office	G64			Latchbolt by either knob unless outside knob is locked by button in inside knob. Outside knob is unlocked by turning inside knob or closing door. Guardbolt deadlocks latchbolt.	●	●
Privacy, Bathroom or Bedroom	U65			Latchbolt by either knob unless outside knob is locked by button in inside knob. Outside knob is unlocked by turning inside knob or closing door or emergency button in outside knob.	●	●
Bathroom or Washroom	U68			Latchbolt by either knob unless both knobs are locked by thumbturn in inside knob. Emergency open from outside. Occupancy indicator by thumbturn.		●
Classroom or Storeroom	G37			Latchbolt by either knob. Outside knob is locked or unlocked by key in outside knob. Inside knob is operative at all times. Guardbolt deadlocks latchbolt.	●	●
Hotel or Motel	G50			Outside knob is rigid at all times. Latchbolt by key outside or knob inside. All keys except emergency key are shut out and indicator pin outside comes out by button in inside knob. Closing door, key or inside knob releases button unless button is turned while depressed. Guardbolt deadlocks latchbolt.	●	
Office or Bedroom	G24			Latchbolt by either knob unless outside knob is locked by button in inside knob. Outside knob is unlocked by turning inside knob or key outside. Closing door does not release button.	●	●
All Purpose or Entrance	G44			Latchbolt by either knob unless outside knob is locked by button in inside knob. Key retracts latchbolt. Outside knob is unlocked by key outside, turning inside knob or closing door except when button is turned while depressed. Guardbolt deadlocks latchbolt.	●	●

**FUNCTION CHART**

LOCATIONS	FUNCTION NO.	OUTSIDE	INSIDE	FUNCTION DESCRIPTION	SERIES	
					SD	SS
Entrance	G35TH			Latchbolt by either knob. Both knobs are locked or unlocked by key outside or turning thumbturn in inside knob. Guardbolt deadlocks latchbolt.	●	●
Entrance	G08			Same as G25	●	●
Laboratory	G35			Latchbolt by either knob. Both knobs are simultaneously locked or unlocked by key outside. Guardbolt deadlocks latchbolt.	●	●
Storeroom or Service	G04			Outside knob is rigid at all times. Latchbolt by inside knob or key outside. Guardbolt deadlocks latchbolt.	●	●
Exit or Twin Communicat- ing	G39			Latchbolt by inside knob. Inside knob is locked or unlocked by key. Guardbolt deadlocks latchbolt.	●	●
Exit	G13			Outside knob is rigid at all times. Latchbolt by inside knob only. Guardbolt deadlocks latchbolt.	●	●
Patio or Exit	G63P			Latchbolt by either knob unless outside knob is locked by button in inside knob. Outside knob is unlocked by turning inside knob. Closing door does not release button. Guardbolt deadlocks latchbolt.	●	●
Patio or Balcony Bedroom	U64			Latchbolt by either knob unless outside knob is locked by button in inside knob. Outside knob is unlocked by turning inside knob or closing door.	●	●
Communicat- ing	G75			Latchbolt by either knob. Either knob is locked or unlocked by turning button in knob opposite side. Guardbolt deadlocks latchbolt.	●	●
Dummy	U93			Dummy knob in one side.	●	●

# IS Integral Lock (Standard Duty)



## FEATURES

### INTEGRAL LOCK, STANDARD TYPE

Beside of Entrance, Passage, Bathroom, Closet & Store room and with Indicator functions are available.

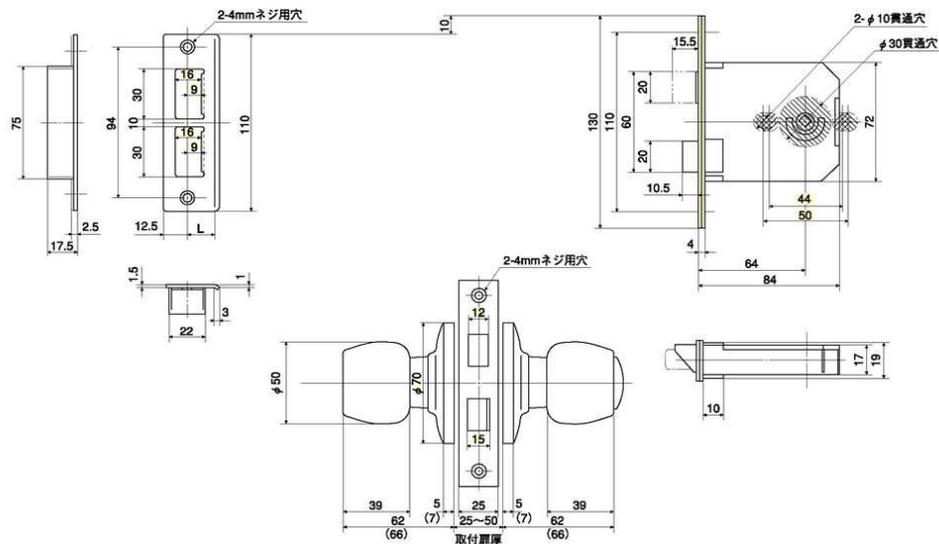
Many sizes of Backsets are also available.

## SPECIFICATIONS

Backset	60mm, 64mm, 76mm, 90mm, and 100mm
For Doors	25-30mm, 30-50mm
Cylinder	5 pin standard. Unavailable with X·NX Key cylinder.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Keys	Three. Brass.
Lock Case	Steel, zinc-dichromate plated and chromed-dipped.
Front	Stainless steel, satin finish.
Strike	Stainless steel, satin finish.
Deadbolt	Solid brass, dull chrome plated.
Latchbolt	Solid brass, dull chrome plated.
Knob & Rose	Stainless steel, satin finish.

## CUT-OUT DRAWING

Backset : 64mm



## HOW TO ORDER (Example)

① ② ③ ④ ⑤ ⑥ ⑦ ⑧  
**IS - 05 - A - 60 - MK - 36W(M) - OR - S(D)**

- ① Series name of lock. ② Function. ③ Rose and knob design. ④ Backset. ⑤ Masterkey.  
 ⑥ Door thickness and material. Wood door : W, Metal door : M ⑦ Hand.(IL, IR, OL, OR)  
 ⑧ Door type. Single leaf door : S, Double leaf door : D

# ISD Integral Lock (Medium Duty)



## FEATURES

### LUXURY COMPLETION WHICH PURSUED THE QUALITY

The high level plating & grinded finish provides posh quality.

### SMOOTH KEY INSERTION AND REMOVAL

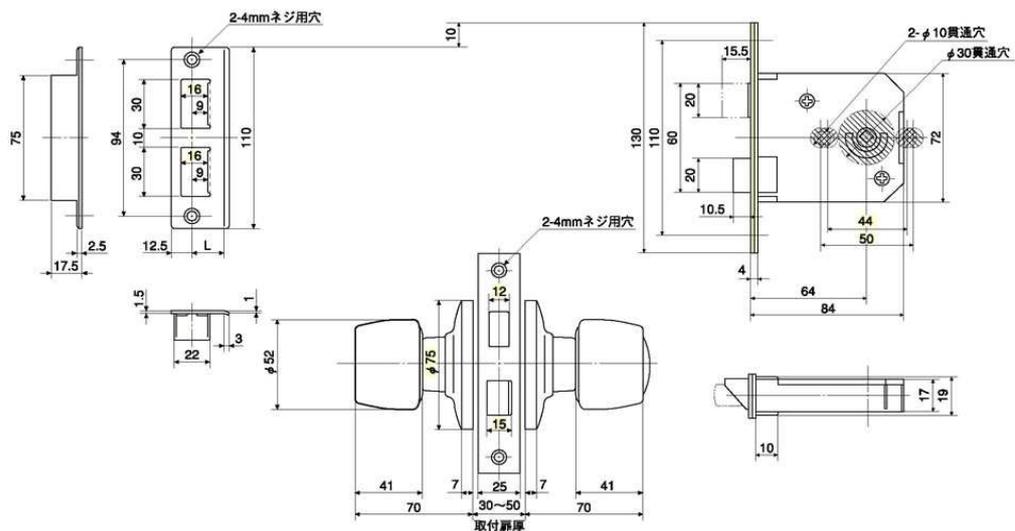
Cylinder equipped with sensor, making smooth key insertion and removal.

## SPECIFICATIONS

Backset	60mm, 64mm, 76mm, 90mm, and 100mm
For Doors	30-50mm
Cylinder	5pin, 6 pin standard. Available with X·NX Key cylinder.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Keys	Three Brass nickel plate.
Lock Case	Steel, zinc-dichromate plated and chromed-dipped.
Front	Stainless steel, satin finish.
Strike	Stainless steel, satin finish.
Deadbolt	Solid brass, dull chrome plated.
Latchbolt	Solid brass, dull chrome plated.
Knob & Rose	Stainless steel, satin finish.

## CUT-OUT DRAWING

Backset : 64mm



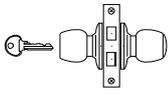
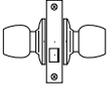
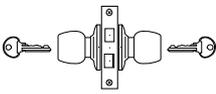
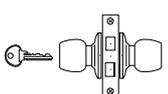
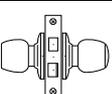
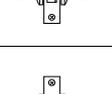
## HOW TO ORDER (Example)

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

**ISD - 05 - A - 60 - MK - 36W(M) - IR - S(D)**

- ① Series name of lock. ② Function. ③ Rose and knob design. ④ Backset. ⑤ Masterkey.  
 ⑥ Door thickness and material. Wood door : W, Metal door : M ⑦ Hand.(IL, IR, OL, OR)  
 ⑧ Door type. Single leaf door : S, Double leaf door : D

**FUNCTION CHART**

LOCATIONS	FUNCTION NO.	OUTSIDE	INSIDE	FUNCTION DESCRIPTION	SERIES	
					ISD	IS
Entrance	05			Dead bolt from outside by key, from inside by thumb turn. Latchbolt by bolt knobs.	●	●
Passage	15			From both sides by knobs. No dead bolt.	●	●
	15-2H			From both sides by case handles. No dead bolt.	●	●
	15-H※			From inside by knob. From outside by case handle. No. dead bolt.	●	●
Entrance	26			Latch bolt by both knobs. Dead bolt from both sides by key. Key on either side locks or unlocks.	●	●
Closet or Store Room	35			Latch bolt by both knobs. No unlocking from inside when dead bolt is thrown by key from outside.	●	●
	35-※H			Latch bolt from outside by knob, from inside by case handle. No bolt is thrown by key from outside.	●	●
Patio or Exit	63			Latch bolt by both knobs. Dead bolt from inside by thumbturn only. No key operation.	●	●
	63-H※			Latch bolt from inside by knob, from outside by case handle. Dead bolt from inside by thumbturn only. No key operation.	●	●
Bathroom	65			Latch bolt by both knobs. Dead both from inside by thumb turn. Emergency opening from outside.	●	●
Toilet or Bathroom	68			Latch bolt by both knobs. Dead bolt from inside by thumbturn. Emergency opening from outside. Occupancy indicated by turning thumbturn. (A type knob only.)		●
	69			Latch bolt by both knobs. Dead bolt from inside by thumbturn only. No key operation. Red color indicator once locked.		●

# 397 Dead Lock



## FEATURES

### PERFECT CONNECTION OF CYLINDER AND THUMBTURN

Cylinder and thumbturn are fixed to lock body by stainless steel setting pins, thus prevent being wrenched off.

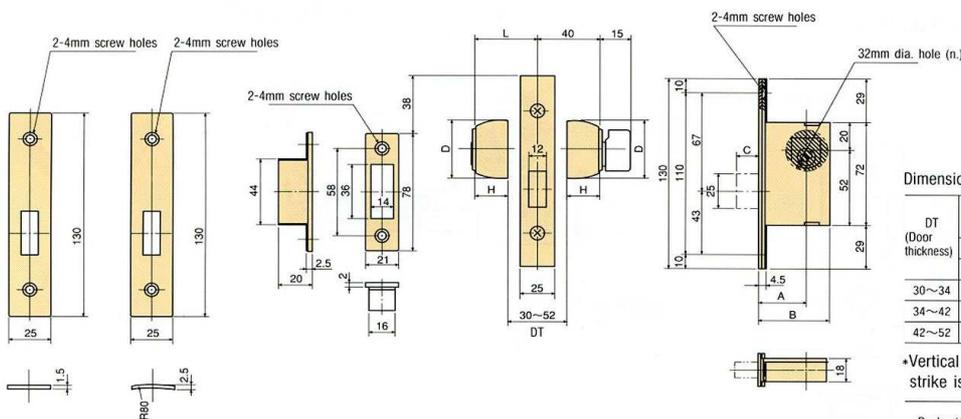
### STRONG DEADBOLT

Deadbolt covered with stainless steel is secured with hardened steel insert.

## SPECIFICATIONS

Backset	25mm, 30mm, 40mm, and 50mm
For Doors	30-34mm, 34-42mm, 42-52mm
Cylinder	6 pin standard. Available with X•NX Key cylinder.
Keys	Three. Brass, nickel plated.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Deadbolt	Wrought steel covered with stainless steel. Hardened steel is inserted.
Guardbolt	Stainless steel.
Faceplate	Stainless steel standard.
Cylinder Collar	Stainless steel standard.
Case	Wrought steel, zinc-dichromate finish.
Strike	Stainless steel standard.

## CUT-OUT DRAWING



(n.) Through hole for #05/26/65/68 functions and one side hole for #35/63.

Dimensions of collars

DT (Door thickness)	Cylinder (5 pin, 6 pin and X-KEY), Thumbturn		Emergency and emergency with indicator	
	A-40mm		A-32.5mm	
	Hight (H)	Dia. (D)	Hight (H)	Dia. (D)
30~34	23.5	φ39.0	16.0	φ38.5
34~42	21.0	φ39.0	13.5	φ38.0
42~52	16.0	φ38.5	8.5	φ37.5

\*Vertical dimension between upper edges of faceplate and strike is 38mm.

Backset(A)	Depth of lock case(B)	Throw of deadbolt(C)	Width of faceplate	Door thickness
25	40	15	25	30~52
30	45	15	*Available with 21mm width faceplate.	
40	60	17		
50	70	17		

## HOW TO ORDER (Example)

- ① ② ③ ④ ⑤ ⑥

(X-) 397 - 05 - US32D - 40 - 40W(M)

- ①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③Function. ④Finish.  
⑤Backset. ⑥Door thickness and material. Wood door : W, Metal door : M

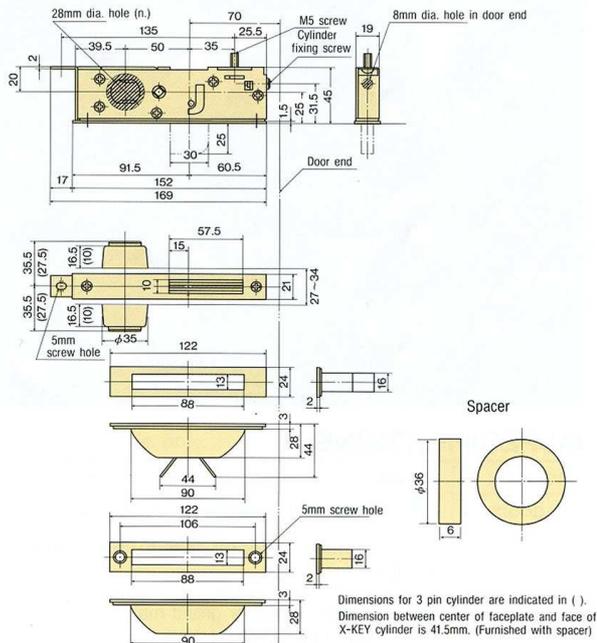
# 325G For Tempered Glass Doors



## SPECIFICATIONS

Backset	25mm
For Doors	27-35mm
Cylinder	6 pin standard. Available with 3 pin and X•NX Key cylinder.
Keys	Three. Brass, nickel plated.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Deadbolt	Laminated stainless steel.
Faceplate	Stainless steel.
Cylinder Collar	Stainless steel.
Case	Wrought steel, zinc-dichromate finish.
Thumbturn	Stainless steel.

## CUT-OUT DRAWING



(n.) Through hole for #05/26 function and one side hole for #35 function.

## FUNCTION CHART

ARTICLE No. (Location)	OUTSIDE	INSIDE	FUNCTION DESCRIPTION
325G-05 (Entrance)			Lock or unlock by key from outside, by thumbturn from inside.
325G-26 (Entrance)			Lock or unlock by key from both sides.
325G-35 (Store Room)			Lock or unlock by key from outside only.
325G-63 (Exit)			Lock or unlock by thumbturn inside only.

## HOW TO ORDER (Example)

① ② ③ ④ ⑤ ⑥

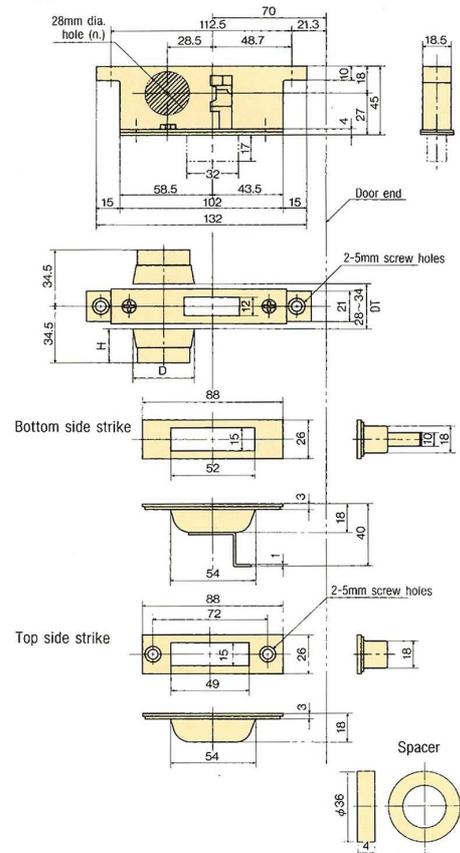
**(X-) 325G - 35 - MK - 28M - BOTTOM**

①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③Function. ④Masterkey

⑤Door thickness and material. Wood door : W, Metal door : M ⑥Side required, TOP, BOTTOM or TOP & BOTTOM



## CUT-OUT DRAWING



(n.) Through hole for #05/26 function and one side hole for #35 function

Cylinder	DT	Dimension between center of faceplate and face of cylinder	Height of collar (H)	Diameter collar (D)
3 pin	26-30	22.5	8.0	35.0
6 pin	28-34	34.5	20.0-17.0	36.0
X-KEY	28-34	44.0	30.0-27.0	37.0

Note : X-KEY cylinder is furnished with spacer.

## SPECIFICATIONS

Backset	27mm
For Doors	28-34mm
Cylinder	6 pin standard. Available with 3 pin and X•NX Key cylinder.
Keys	Three. Brass, nickel plated.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Deadbolt	Brass die cast
Faceplate	Stainless steel.
Cylinder Collar	Stainless steel for 6 pin cylinder. Zinc die cast, nickel plated for 3 ping cylinder.
Case	Zinc die cast, nickel plated.
Thumbturn	Stainless steel.

## HOW TO ORDER (Example)

① ② ③ ④ ⑤ ⑥

**(X-) 8027 - 05 - MK - 30M - TOP**

- ①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③Function. ④Masterkey  
 ⑤Door thickness and material. Wood door : W, Metal door : M ⑥Side required, TOP, BOTTOM or TOP & BOTTOM



## SPECIFICATIONS

Backset	25mm
For Doors	28-37mm, 37-42mm and 42-52mm
Cylinder	6 pin standard. Available with X·NX Key cylinder.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Keys	Three. Brass, nickel plated.
Deadbolt	Wrought steel coverd with stainless steel.
Faceplate	Stainless steel.
Cylinder Collar	Stainless steel.
Case	Wrought steel, zinc-dichromate finish.
Strike	Stainless steel.

## FUNCTION CHART

ARTICLE No. (Location)	OUTSIDE	INSIDE	FUNCTION DESCRIPTION
<b>326-05</b> (Entrance)			Deadbolt by key outside, by thumbturn inside.
<b>326-26</b> (Entrance)			Deadbolt by key both sides.
<b>326-35</b> (Entrance)			Deadbolt by key outside only.
<b>326-63</b> (Entrance)			Deadbolt by thumbturn inside only.

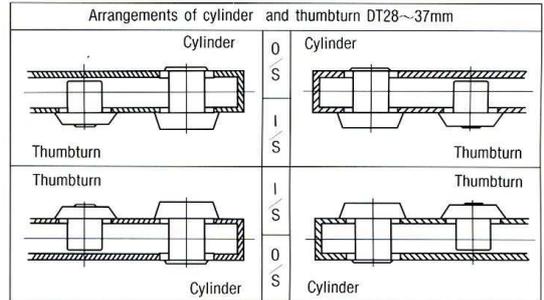
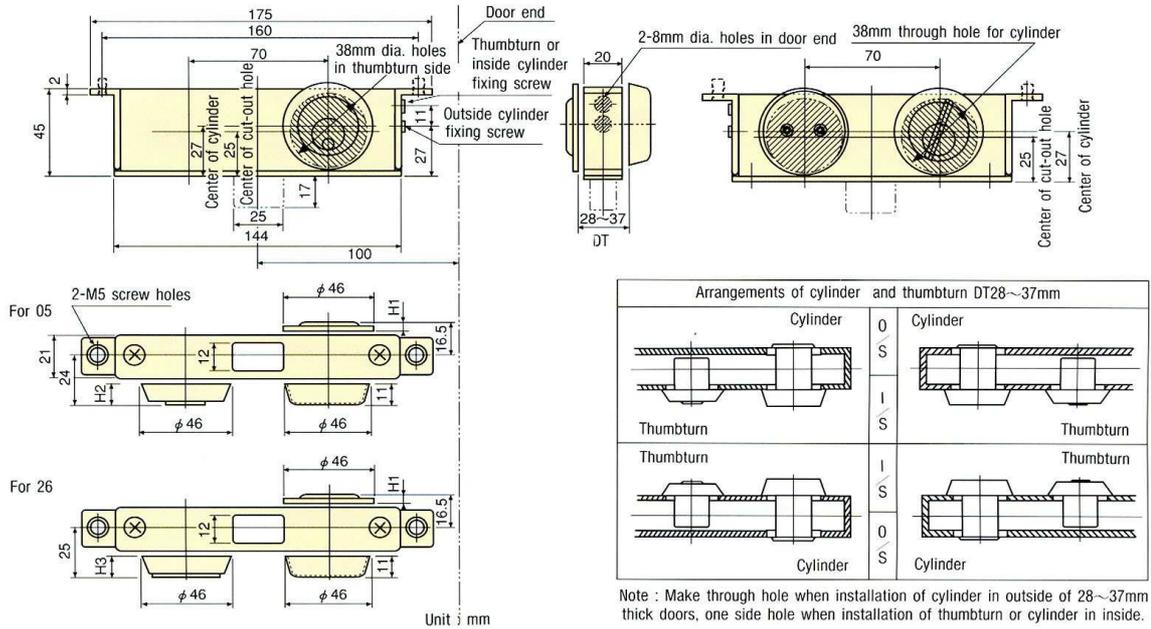
## HOW TO ORDER (Example)

① ② ③ ④ ⑤  
**(X-) 326 - 05 - MK - 40M**

- ①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③Function. ④Masterkey  
 ⑤Door thickness and material. Wood door : W, Metal door : M

## CUT-OUT DRAWING

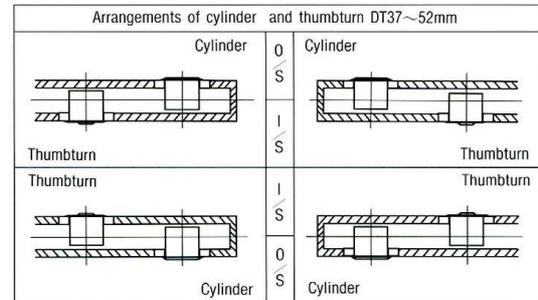
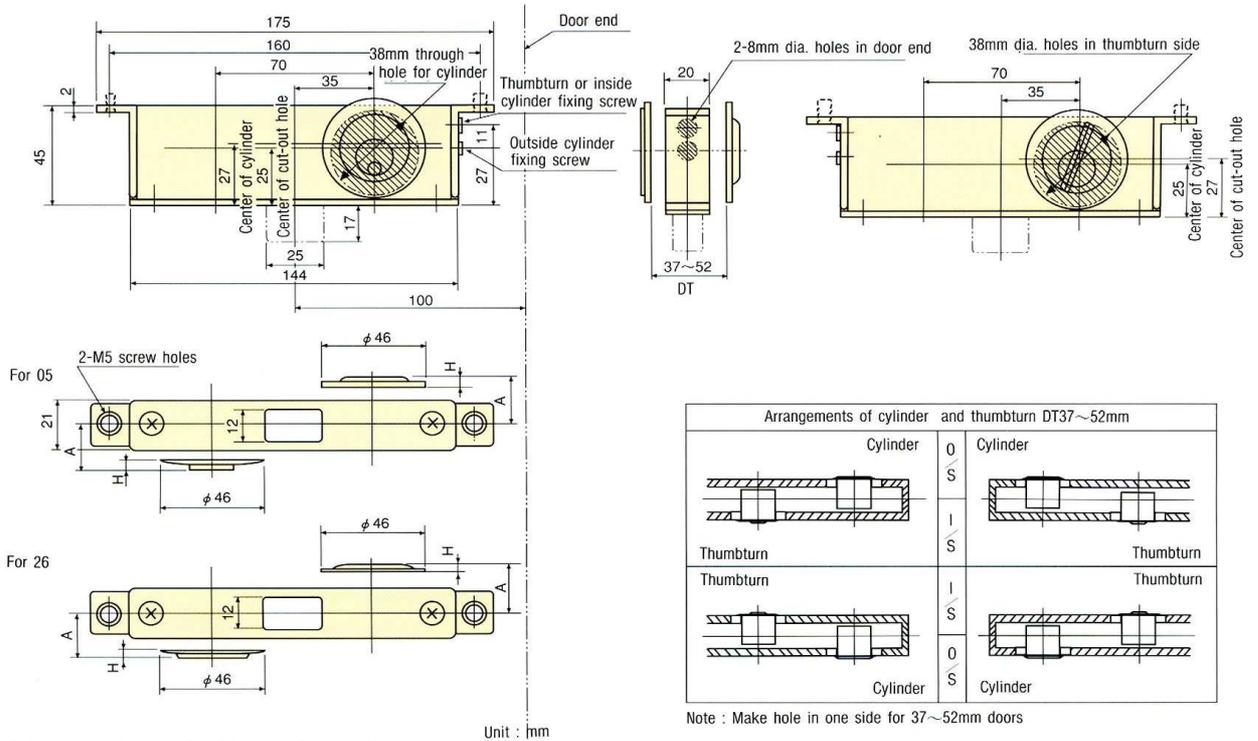
### 326 for 28 - 37mm thickness of doors



Note : Make through hole when installation of cylinder in outside of 28~37mm thick doors, one side hole when installation of thumbturn or cylinder in inside.

Door thickness	28	29	30	31	32	33	34	35	36	37
Dimension H1	2.5	2.0	1.5				1.0			
Dimension H2	10.0	9.5				9.0				
Dimension H3	11.0	10.5	10.0	9.5				9.0		

### 326 for 37 - 52mm thickness of doors



Note : Make hole in one side for 37~52mm doors

Projection of cylinder and thumbturn from door of 326F

Door thickness	28	29	30
Projection of cylinder	1.5	1.0	
Projection of thumbturn	2.5	2.0	1.5

Door thickness	37	38	39	40~41	42	43	44	45	45~52
Dimension H	2.5	2.0	1.5	1.0	3.0	2.5	2.0	1.5	1.0
Dimension A			21.0					24.0	

# 376 For Heavy Duty Doors



## FEATURES

### TOUGH DEADBOLT

Laminated stainless steel deadbolt resists forced entry and corrosion.

### TRIGGER BOLT

Deadbolt can not be turned to locked position unless trigger bolt contacts strike for preventing damage of deadbolt.

### GUIDE BOLT

Guide bolt for easy and reliable action of locking.

### THIN THUMBTURN

Projection of thumbturn from door is only 2mm.

### HUGE TURN LEVER FOR HANDICAPS

#68 function is furnished with a huge thumbturn for easy operation. Also available to #05 and #63 functions on order.

## SPECIFICATIONS

Backset	50mm	Deadbolt	Stainless steel.
For Doors	36-45mm #376-68 : 36-40mm	Faceplate	Stainless steel.
Cylinder	6 pin standard. Available with X•NX Key cylinder.	Cylinder Collar	Stainless steel.
Keys	Three. Nickel silver.	Case	Wrought steel, zinc-dichromate finish.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.	Thumbturn	Stainless steel.
		Turn Lever	Stainless steel.
		Indicator	Brass, dull chrome plated.

## FUNCTION CHART

ARTICLE No. (Location)	OUTSIDE	INSIDE	FUNCTION DESCRIPTION
<b>376-05 (Entrance)</b>			Deadbolt by key outside, by thumbturn inside.
<b>376-26 (Entrance)</b>			Deadbolt by key both sides.
<b>376-35 (Storeroom)</b>			Deadbolt by key outside only.
<b>376-63 (Exit)</b>			Deadbolt by thumbturn inside only.
<b>376-68 (Bathroom)</b>			Deadbolt by thumbturn inside, by emergency outside. Occupancy indicator by thumbturn.

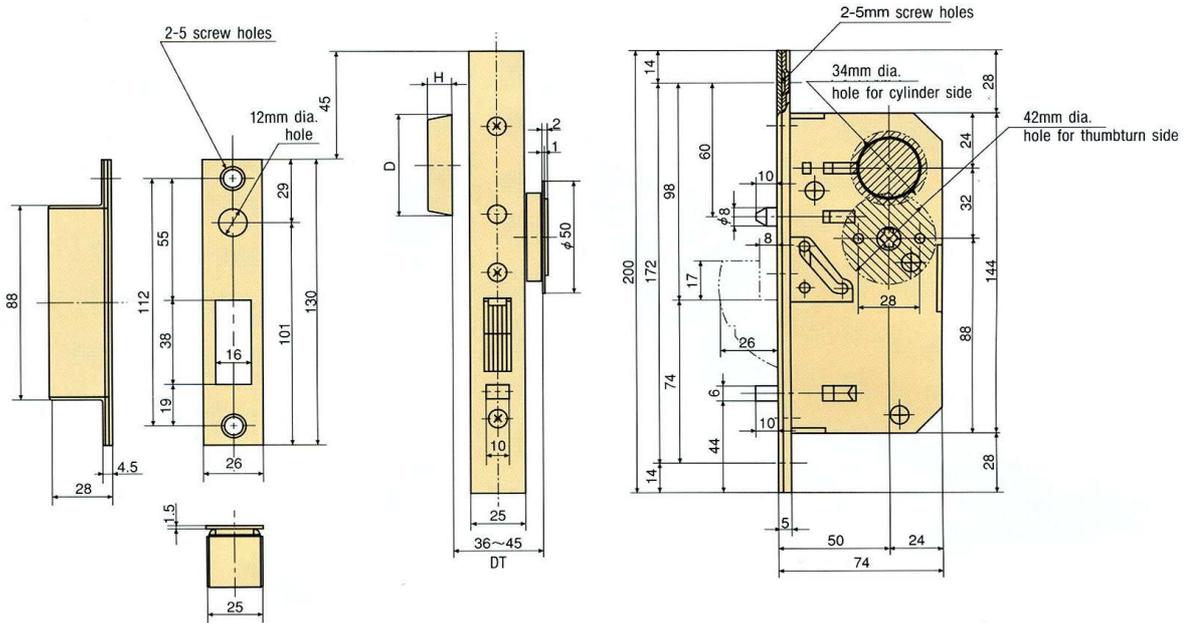
## HOW TO ORDER (Example)

① ② ③ ④ ⑤  
**(X-) 376 - 05 - MK - 40M**

①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③Function. ④Masterkey  
 ⑤Door thickness and material. Wood door : W, Metal door : M

## CUT-OUT DRAWING

376-05 / 26 / 35 / 63



### Collar dimensions

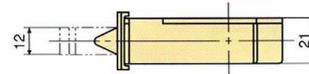
#### ■ X-KEY cylinder

Function	05/35	26
Door thickness	36~45	36~41 41~45
Height (H)	10.5	15.5 13.0
Diameter (D)	46.5	49.5 48.0

#### ■ 6pin cylinder

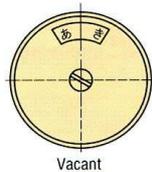
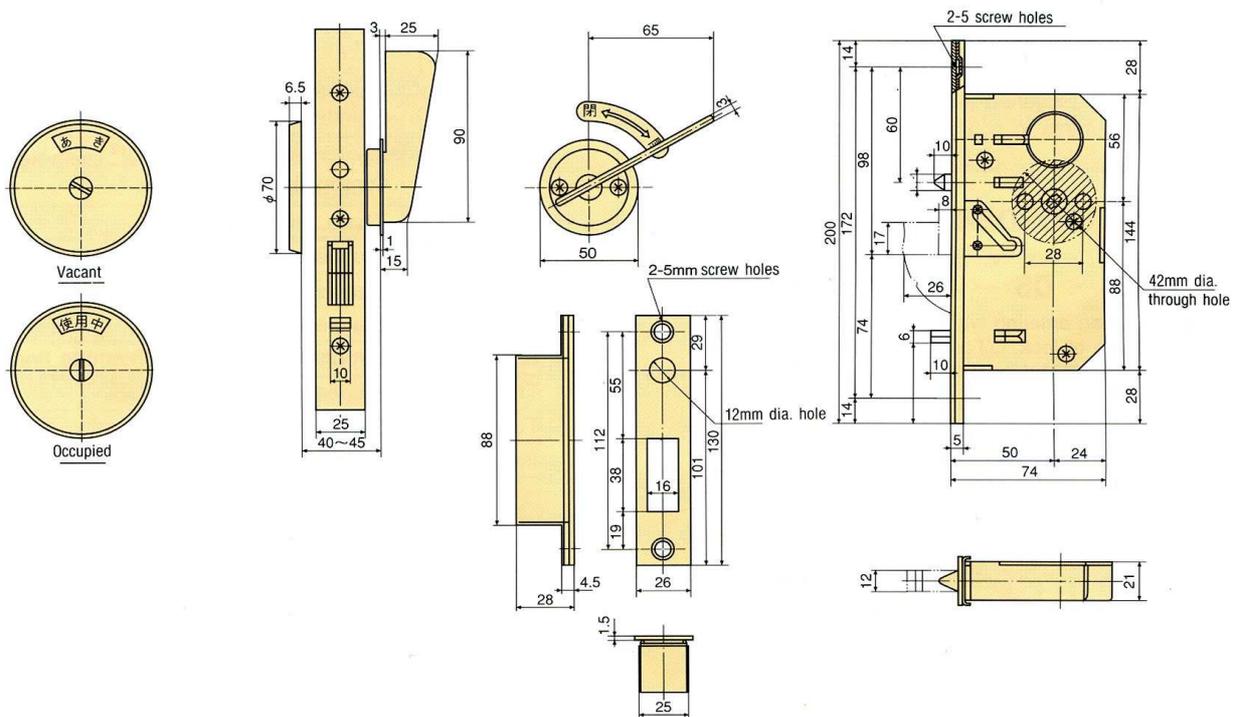
Function	05/35
Door thickness	36~41 41~45
Height (H)	15.5 13.0
Diameter (D)	49.5 48.0

\*Please inquire collar for #26 function.



Dimension between center of faceplate and face of cylinder is  $(DT/2 + \text{height of collar} + 1\text{mm})$   
 Vertical dimension between upper edges of faceplate and strike is 45mm.  
 Space between faceplate and strike is within 4mm.

376-68



# 328L Dead Lock



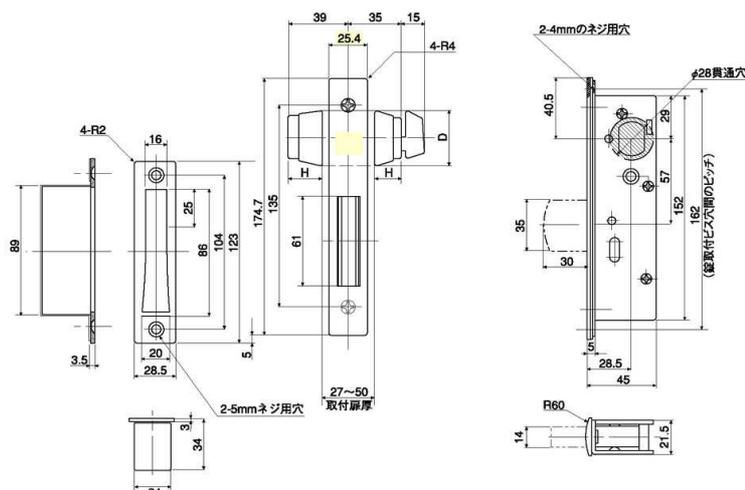
## SPECIFICATIONS

Backset	28mm
For Doors	27-50mm
Cylinder	6 pin standard. Available with X•NX Key cylinder.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Keys	Brass nickel plated.
Faceplate	Aluminum silver and odized.
Bolt	Steel side plate and zinc-die casting core with hardend steel reinforcement for anti saw cut.
Strike	Steel nickel plated, with zinc chromated box.

## FUNCTION CHART

ARTICLE No. (Location)	OUTSIDE	INSIDE	FUNCTION DESCRIPTION
328L-05 (Entrance)			Deadbolt by key outside, by thumbturn inside.
328L-26 (Entrance)			Deadbolt by key both sides.
328L-35 (Storage)			Deadbolt by key outside only.
328L-63 (Exit)			Deadbolt by thumbturn inside only.

## CUT-OUT DRAWING



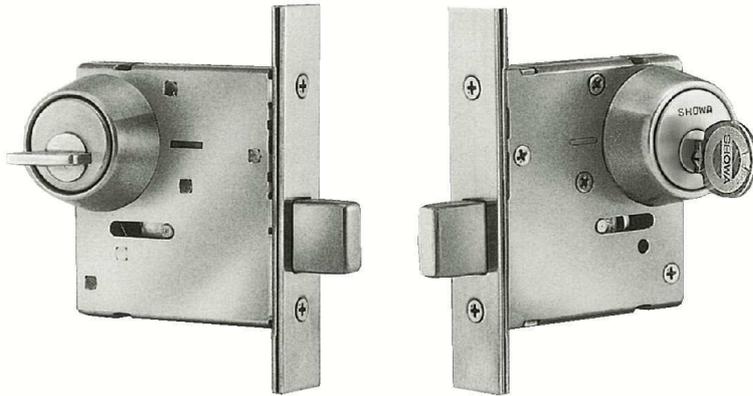
## HOW TO ORDER (Example)

① ② ③ ④ ⑤

(X-) 328L - 05 - MK - 40W(M)

- ① Prefix X when ordering with X-KEY cylinder. ② Series name of lock. ③ Function. ④ Masterkey  
⑤ Door thickness and material. Wood door : W, Metal door : M

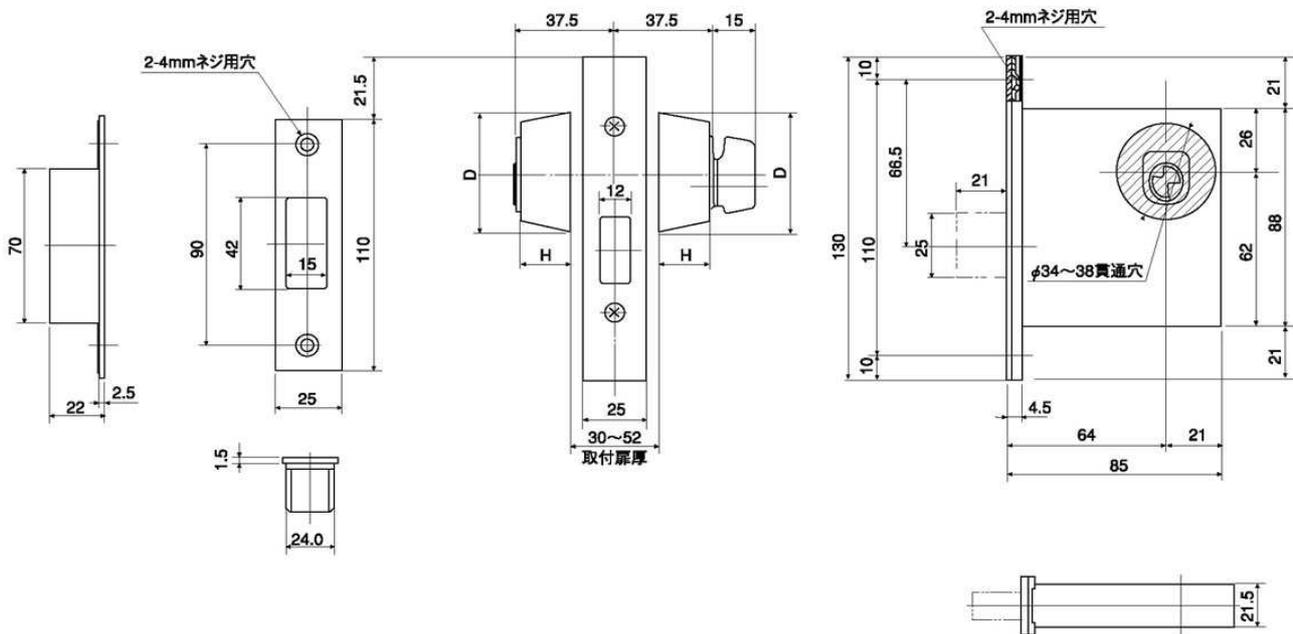




### SPECIFICATIONS

Backset	64mm
For Doors	30-52mm
Cylinder	6 pin standard. Available with X•NX Key cylinder.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.

### CUT-OUT DRAWING



### HOW TO ORDER (Example)

① ② ③ ④ ⑤

**(X-) MDS - 05 - MK - 40W(M)**

①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③Function. ④Masterkey  
⑤Door thickness and material. Wood door : W, Metal door : M

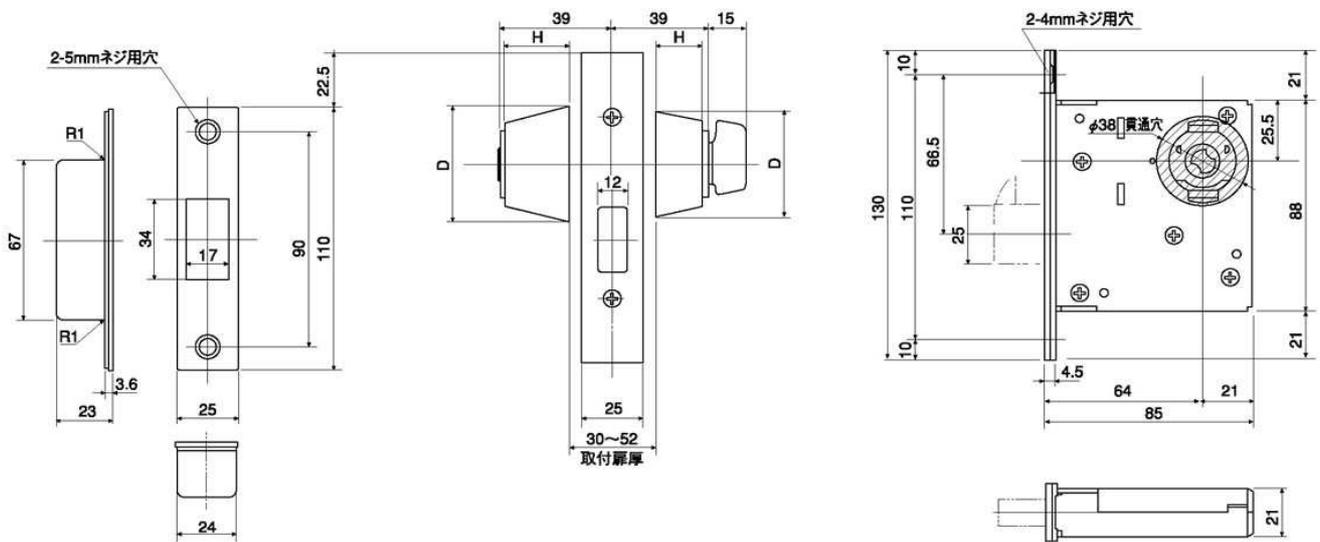
# SDA (F) Dead Lock



## SPECIFICATIONS

Backset	64mm
For Doors	30-51mm
Cylinder	6 pin standard. Available with X · NX Key cylinder.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Thumbturn	Crime prevention thumbturn, VTS type also available.

## CUT-OUT DRAWING



## HOW TO ORDER (Example)

- ①      ②      ③      ④      ⑤

**SDA(F) - 05 - 64 - MK - 36W(M)**

① Series name of lock. ② Function. ③ Backset. ④ Masterkey  
 ⑤ Door thickness and material. Wood door : W, Metal door : M

# 393 Tubular Type For Standard Duty Doors

## FUNCTION CHART

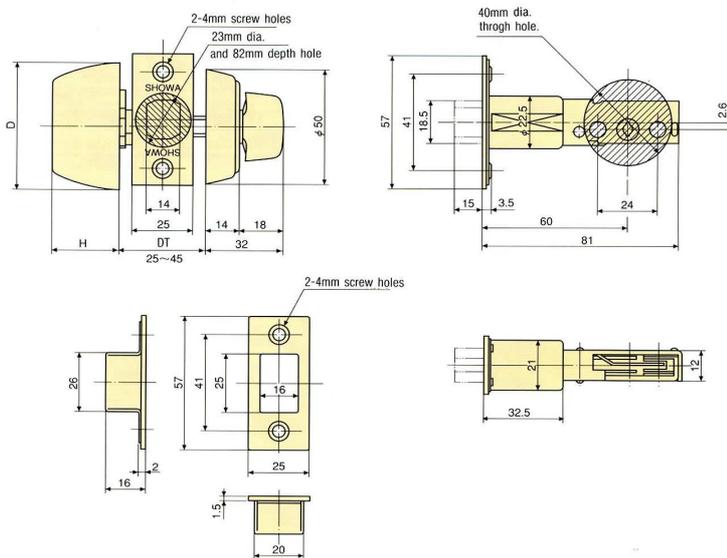


ARTICLE No. (Location)	OUTSIDE	INSIDE	FUNCTION DESCRIPTION
393-05 (Entrance)			Lock or unlock by key from outside, by thumbturn from inside.
393-26 (Entrance)			Lock or unlock by key from both sides.
393-35 (Storage)			Lock or unlock by key from outside only.

## SPECIFICATIONS

Backset	60mm
For Doors	25-35mm, 35-45mm
Cylinder	5 pin standard. Available with 6-pin, X•NX Key cylinder.
Keys	Three. Brass, nickel plated.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Deadbolt	Brass.
Guardbolt	Stainless steel.
Faceplate	Stainless steel standard.
Cylinder Collar	Stainless steel standard.
Case	Wrought steel, zinc-dichromate finish.
Strike	Stainless steel standard.

## CUT-OUT DRAWING



Dimensions of collars

DT (Door thickness)	6 pin and X-KEY cylinder		5 pin cylinder	
	Height (H)	Dia. (D)	Height (H)	Dia. (D)
25~35	—	—	28	φ55
35~45	28	φ55	22	φ50

## HOW TO ORDER (Example)

① ② ③ ④ ⑤

(X-) 393 - 05 - US32D - 40W(M)

① Prefix X when ordering with X-KEY cylinder. ② Series name of lock. ③ Function. ④ Finish.

⑤ Door thickness and material. Wood door : W, Metal door : M

Note : Applicable door thickness of #26 function is limited. Please specify door thickness accurately when ordering.

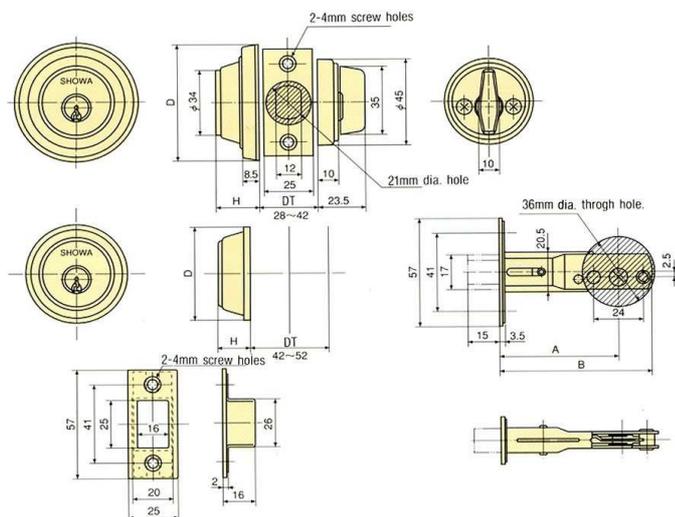
# 391S Tubular Type For Light Duty Doors



## SPECIFICATIONS

Backset	50mm and 60mm
For Doors	#05 : 28-42mm, 42-52mm and 52-57mm #26 : 32-35mm, 35-40mm, 40-47mm and 47-52mm #65/68 : 28-46mm
Cylinder	5 pin standard. Available with 6 pin and X•NX Key cylinder.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Keys	Three. Brass, nickel plated.
Deadbolt	Brass.
Faceplate	Stainless steel.
Cylinder Collar	Stainless steel.
Case	Wrought steel, zinc-dichromate finish.
Strike	Stainless steel.

## CUT-OUT DRAWING



Dimensions of collars

DT (Door thickness)	391		391S		Backset (A)	Depth of lock (B)
	Height (H)	Dia. (D)	Height (H)	Dia. (D)		
28~42	21.5	φ60.0	25.5	φ62.0	50	67.5
42~52	15.5	φ47.0	21.5	φ60.0	60	77.5
52~57	—	—	15.5	φ47.0		

## HOW TO ORDER (Example)

① ② ③ ④ ⑤ ⑥ ⑦

**(X-) 391S - 05 - 60 - S32P - MK - 30W(M)**

- ① Prefix X when ordering with X-KEY cylinder. ② Series name of lock. ③ Function. ④ Backset. ⑤ Finish.  
⑥ Masterkey ⑦ Door thickness and material. Wood door : W, Metal door : M

# 535 Mortise Lock

## FEATURES

### PERFECT CONNECTION OF CYLINDER AND THUMBTURN

Cylinder and thumbturn are fixed to lock body by stainless steel setting pins, thus prevent being wrenched off.

### STRONG DEADBOLT

Strong 17mm deadbolt is secured by our original dual stopping device.

### EASY TO CHANGE HAND

Remove faceplate and turn latchbolt to change hand.



## SPECIFICATIONS

Backset	70mm	Deadbolt	Wrought steel covered with stainless steel.
For Doors	30-34mm, 34-42mm and 42-52mm	Latchbolt	Brass, nickel plated.
Cylinder	6 pin standard.	Faceplate	Stainless steel standard.
	Available with X•NX Key cylinder.	Cylinder Collar	Stainless steel standard.
Keys	Three. Brass, nickel plated.	Case	Wrought steel, zinc-dichromate finish.
Masterkeying	Can be masterkeyed or grand	Strike	Stainless steel standard.
	masterkeyed. Construction key available.	Knob	Stainless steel standard.
		Rose	Stainless steel standard.

## FUNCTION CHART

ARTICLE No. (Location)	OUTSIDE	INSIDE	FUNCTION DESCRIPTION
<b>535-05</b> (Entrance)			Latchbolt by knobs both sides. Deadbolt by key outside, by thumbturn inside.
<b>535-15</b> (Passage)			Latchbolt by knobs both sides. No deadbolt.
<b>535-26</b> (Entrance)			Latchbolt by knobs both sides. Deadbolt by key both side.
<b>535-35</b> (Storeroom)			Latchbolt by knobs both sides. Deadbolt by key outside only.
<b>535-63</b> (Exit)			Latchbolt by knobs both sides. Deadbolt by thumbturn inside only.
<b>535-65</b> (Privacy)			Latchbolt by knobs both sides. Lock or unlock by thumbturn inside. Emergency open outside.
<b>535-68</b> (Bathroom)			Latchbolt by knobs both sides. Deadbolt by thumbturn inside. Emergency open outside. Occupancy indicator by thumbturn.

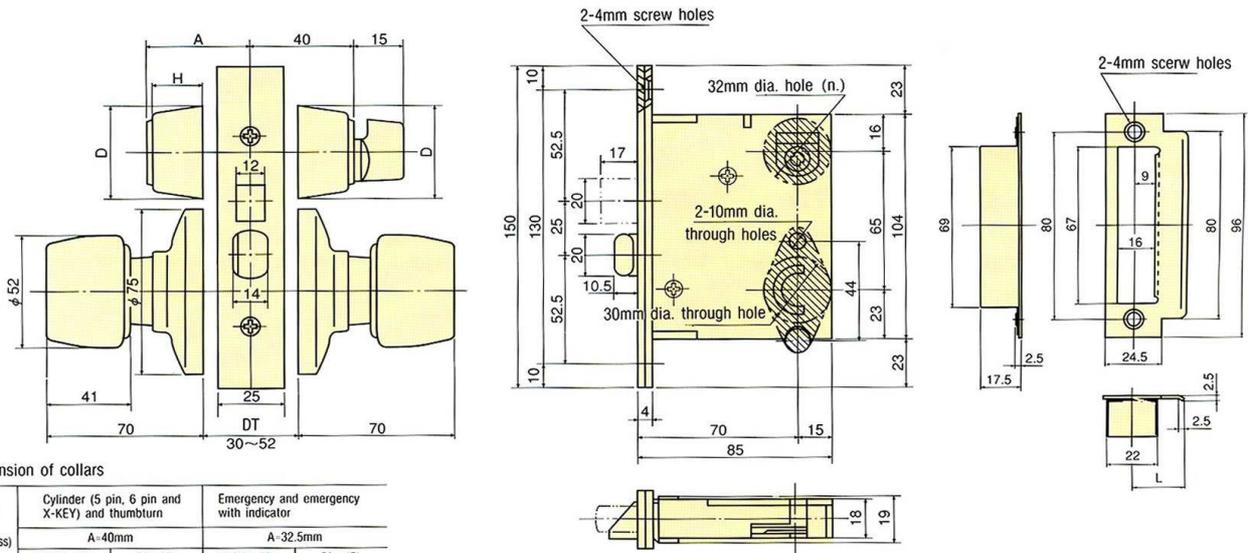
## HOW TO ORDER (Example)

① ② ③ ④ ⑤ ⑥ ⑦  
**(X-) 535 - 05 - DA - MK - 36W(M) - S(D)**

①Prefix X when ordering with X-KEY cylinder. ②Series name of lock.③Function. ④Rose & knob design. ⑤Masterkey. ⑥Door thickness and material. Wood door : W, Metal door : M ⑦Door type. Single leaf door : S, Double leaf door : D

# 535 Mortise Lock

## CUT-OUT DRAWING



Dimension of collars

DT (Door thickness)	Cylinder (5 pin, 6 pin and X-KEY) and thumbturn		Emergency and emergency with indicator	
	A-40mm		A-32.5mm	
	Height (H)	Dia. (D)	Height (H)	Dia. (D)
30~34	23.5	φ39.0	16.0	φ38.3
34~42	21.0	φ38.8	13.5	φ38.0
42~52	16.0	φ38.3	8.5	φ37.3

\*Vertical dimension between upper edges of faceplate and strike is 28mm.

(n.) Through hole for #05/26/65/68 functions,  
one side hole for #35/63 and no hole for #15.

## 535 For Fire or Side Doors



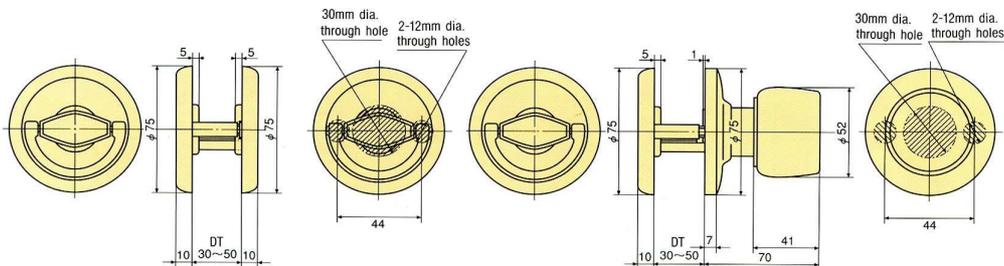
### SPECIFICATIONS

Case(Rose)	Stainless steel standard.
Handle	Zinc diecast, satin chrome plated.

\* Refer other specifications on knob type mortise locks("535", "CH") .

## DRAWINGS OF CASE HANDLES

Case handles in both sides



## HOW TO ORDER (Example)

① ② ③ ④ ⑤ ⑥ ⑦  
**(X-) 535 - 05 - DAH - MK - 36W(M) - S(D)**

①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③Function. ④Rose & knob design. ⑤Masterkey.  
 ⑥Door thickness and material. Wood door : W, Metal door : M ⑦Door type. Single leaf door : S, Double leaf door : D

## FEATURES

### PERFECT CONNECTION OF CYLINDER AND THUMBTURN

Cylinder and thumbturn are fixed to lock body with 3.2mm dia. stainless steel setting pins, thus prevent being wrenched off.

### STRONG DEADBOLT

Strong 21mm length deadbolt covered with stainless steel is secured with hardend steel insert.

### EASY TO CHANGE HAND

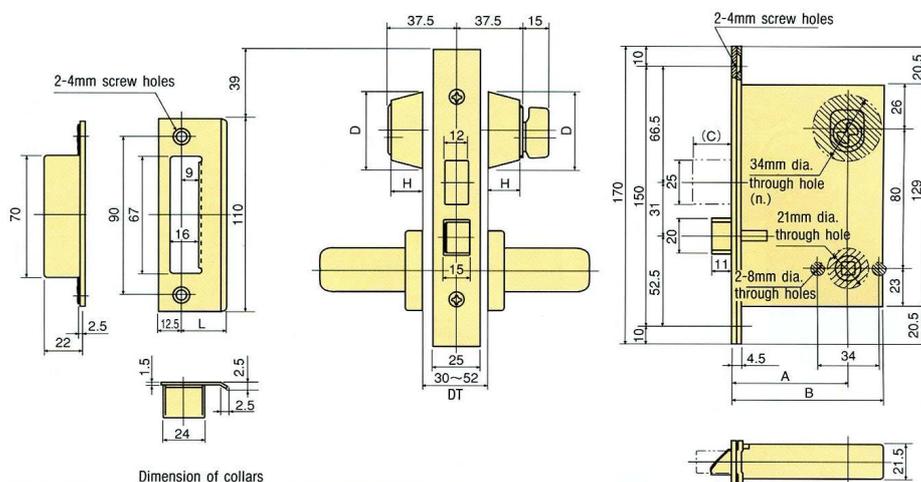
Remove faceplate and turn latchbolt to change hand.



## SPECIFICATIONS

Backset	38, 51 and 64mm	Deadbolt	Wrought steel covered with stainless steel, hardened steel is inserted.
For Doors	30-34mm, 34-42mm, 42-52mm	Latchbolt	Nylon coverd with stainless steel.
Cylinder	6 pin standard. Available with X·NX Key cylinder.	Faceplate	Stainless steel standard.
Keys	Three. Brass, nickel plated.	Cylinder Collar	Stainless steel standard.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.	Case	Wrought steel, zinc-dichromate finish.
		Strike	Stainless steel standard.
		Lever	8mm square standard.
		Rose	Stainless steel, satin.

## CUT-OUT DRAWING



Dimension of collars

Backset (A)	Depth of lock case (B)	Throw of deadbolt (C)	DT (Door thickness)	X-KEY cylinder		6 pin cylinder and thumbturn	
				Height (H)	Dia. (D)	Height (H)	Dia. (D)
38	56	17	30~34	26.0	φ47.5	21.0	φ45.0
51	72	21	34~42	23.5	φ46.5	18.5	φ44.0
64	85	21	42~52	18.5	φ44.0	13.5	φ41.5

Available with 17mm projection of deadbolt for backset 64mm.  
 •Vertical dimension between upper edges of faceplate and strike is 39mm.  
 •Dimension from center of faceplate to face of X-KEY cylinder is 42.5mm.

## HOW TO ORDER (Example)

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

**(X-) MSL - 05 - UL405 - S32P - 64 - MK - 40W(M) - S(D)**

- ①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③Function. ④Lever design. ⑤Finish.  
 ⑥Backset. ⑦Masterkey. ⑧Door thickness and material. Wood door : W, Metal door : M  
 ⑨Door type. Single leaf door : S, Double leaf door : D

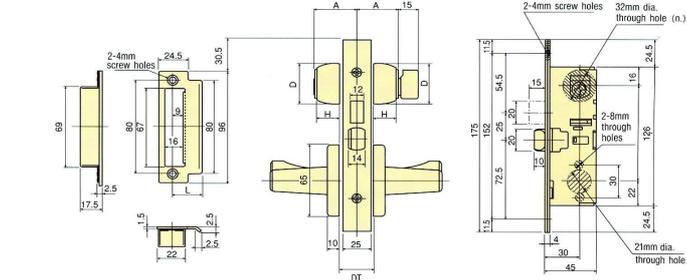


**SPECIFICATIONS**

Backset	30mm and 50mm
For Doors	30-34mm, 34-42mm and 42-52mm
Cylinder	6 pin standard. Available with X·NX Key cylinder.
Keys	Three. Brass, nickel plated.
Masterkeying	Can be masterkeyed or grand masterkeyed. Construction key available.
Deadbolt	Wrought steel coverd with stainless steel. Hardened steel is inserted.
Latchbolt	Zinc diecast, nickel plated.
Faceplate	Stainless steel standard.
Cylinder Collar	Stainless steel standard.
Case	Wrought steel, zinc-dichromate finish.
Strike	Stainless steel standard.
Lever	8mm square standard.
Rose	CP20 for backset 30mm and CP15 for backset 50mm standard.

**CUT-OUT DRAWING**

**Backset 30mm**

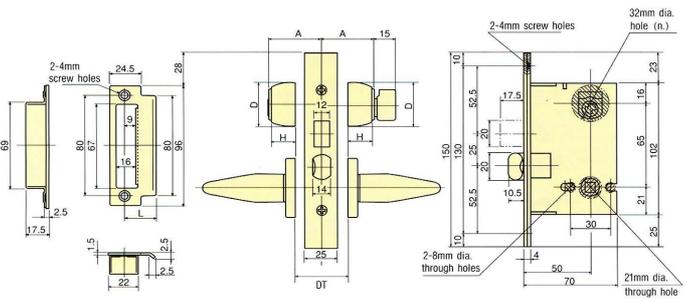


Collar dimensions

DT (Door thickness)	Cylinder (5 pin, 6 pin and X-KEY) and thumbturn		Emergency and emergency with indicator	
	A: 40mm		A: 32.5mm	
Height (H)	Dia. (D)	Height (H)	Dia. (D)	
30-34	23.5	φ39.0	16.0	φ38.3
34-42	21.0	φ38.8	13.5	φ38.0
42-45	16.0	φ38.3	8.5	φ37.3

Vertical dimension between upper edges of faceplate and strike is 30.5mm.

**Backset 50mm**



Collar dimensions

DT (Door thickness)	Cylinder (5 pin, 6 pin and X-KEY) and thumbturn		Emergency and emergency with indicator	
	A: 40mm		A: 32.5mm	
Height (H)	Dia. (D)	Height (H)	Dia. (D)	
30-34	23.5	φ39.0	16.0	φ38.3
34-42	21.0	φ38.8	13.5	φ38.0
42-45	16.0	φ38.3	8.5	φ37.3

Vertical dimension between upper edges of faceplate and strike is 28mm.

**HOW TO ORDER (Example)**

- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩  
**(X-) CL - 05 - UL405 - CP15 - S27 - 50 - MK - 40W(M) - S(D)**

- ① Prefix X when ordering with X-KEY cylinder. ② Series name of lock. ③ Function. ④ Lever design. ⑤ Rose. ⑥ Finish. ⑦ Backset. ⑧ Masterkey. ⑨ Door thickness and material. Wood door : W, Metal door : M ⑩ Door type. Single leaf door : S, Double leaf door : D

**FEATURES**

**PERFECT CONNECTION OF CYLINDER AND THUMBTURN**

Cylinder and thumbturn are fixed to lock body by stainless steel setting pins, thus prevent being wrenched off.

**ANTI-FRICTION LATCH**

Latching is extremely smooth. Best suited for doors for checking door closers.

**STRONG DEADBOLT**

Strong 20.5mm length stainless steel deadbolt is secured by our original dual stopping device.

**STABILIZER FOR FIRM INSTALLATION**

Stabilizer in lock body prevents leaning and vibration.

**EASY TO CHANGE HAND**

Remove faceplate and turn latchbolt to change hand.



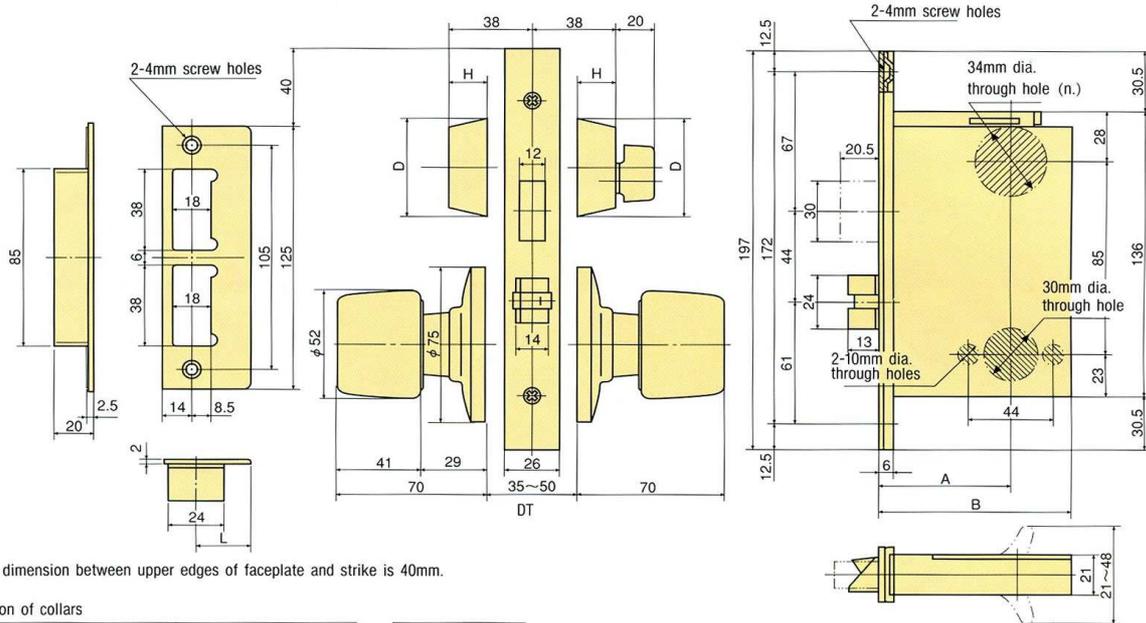
**SPECIFICATIONS**

Backset	70mm, 90mm and 100mm	Deadbolt	Stainless steel.
For Doors	35-50mm	Latchbolt	Stainless steel. Mechanical anti-friction.
Cylinder	6 pin standard.	Guardbolt	Stainless steel.
	Available with X•NX Key cylinder.	Faceplate	Stainless steel standard.
Keys	Three. Nickel silver.	Cylinder Collar	Stainless steel standard.
Masterkeying	Can be masterkeyed or grand	Case	Wrought steel, zinc-dichromate finish.
	masterkeyed. Construction key available.	Strike	Stainless steel standard.
		Knob	Stainless steel standard.
		Rose	Stainless steel standard.

**FUNCTION CHART**

ARTICLE No. (Location)	OUTSIDE	INSIDE	FUNCTION DESCRIPTION
<b>CH-05 (Entrance)</b>			Latchbolt by knobs both sides. Deadbolt by key outside, by thumbturn inside.
<b>CH-15 (Passage)</b>			Latchbolt by knobs both sides. No deadbolt.
<b>CH-26 (Entrance)</b>			Latchbolt by knobs both sides. Deadbolt by key both side.
<b>CH-35 (Storeroom)</b>			Latchbolt by knobs both sides. Deadbolt by key outside only.
<b>CH-63 (Exit)</b>			Latchbolt by knobs both sides. Deadbolt by thumbturn inside only.
<b>CH-65 (Privacy)</b>			Latchbolt by knobs both sides. Lock or unlock by thumbturn inside. Emergency open outside.
<b>CH-04 (Storeroom)</b>			Outside knob always rigid. Latchbolt by key outside, by knob inside. Guardbolt deadlocks latchbolt.

**CUT-OUT DRAWING**



Vertical dimension between upper edges of faceplate and strike is 40mm.

Dimension of collars

DT (Door thickness)	X-KEY cylinder		6 pin cylinder and thumbturn		Backset (A)	Depth of lock case (B)
	Height (H)	Dia. (D)	Height (H)	Dia. (D)		
35~37	22.5	φ49.0	21.0	φ48.5	70	94
37~42	21.0	φ48.5	18.5	φ47.5	90	114
42~47	18.5	φ47.5	16.0	φ46.5	100	124
47~50	16.0	φ46.5	13.5	φ45.5		

Dimension from center of faceplate to face of X-KEY cylinder is 41mm.

**HOW TO ORDER (Example)**

- ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

**(X-) CH - 05 - GQS - 70 - MK - 40W(M) - S(D)**

- ① Prefix X when ordering with X-KEY cylinder. ② Series name of lock. ③ Function. ④ Rose & knob design. ⑤ Backset. ⑥ Masterkey. ⑦ Door thickness and material. Wood door : W, Metal door : M ⑧ Door type. Single leaf door : S, Double leaf door : D

## FEATURES

**NO TROUBLESOME WIRING OR BATTERIES REQUIRED.**

**OPERATION AT A TOUCH.**

**MEISSNER IS IMPOSSIBLE TO PICKING, THUS ENSURING HIGHER SECURITY.**



### OPERATION

The card reader clicks when inserting the Meissner Card into the slot. Then, simply turn the lever, the door is automatically locked as a result of the projection of the deadbolt. The card is never retained in the lock because it projects back out of the slot after use. Even if the card is pulled out in advance, the door can be locked. To unlock the door, insert the card and turn the lever.



### PANEL

Available to order with individual printed letters on the panel. Also custom colors and corporate logo/designs are available upon request.



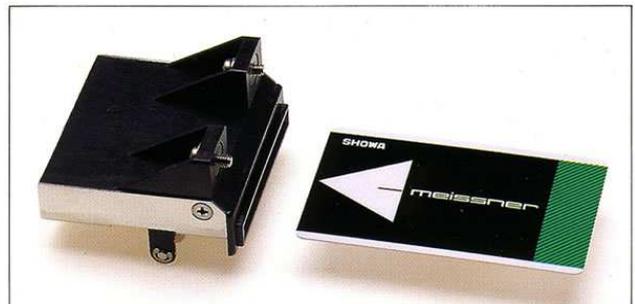
### ESCUTCHEON

The escutcheon which is made of stainless steel is strong and retains its lustre forever. Available in many finishes and can be engraved if requested.



### LEVER

A large variety of lever handles with various designs and finishes are available.



### KEYING OF MEISSNER

The key variation of Meissner Card Reader is 635 million. It also offers various kinds of keying systems and automatic erasing types of construction key system are available.

### WEATHERPROOF

The structure of Meissner Card Lock is a weather resistance type which keeps it free from rain and dust. The Meissner can be installed on an external door.

### PREVENTION OF UNAUTHORIZED ENTRY

In order to prevent picking, the structure of Meissner does not allow the pins to be interfered with. Furthermore, the newly developed magnetic pins and haul plate with fuse effect prevents breakdown.

### REPLACEMENT OF MEISSNER CARD READER

The card reader can be easily replaced by removing the two internal screws. The security is immediately restored even when the card is lost.



### THUMBTURN

From inside, the deadbolt of the Meissner Card Lock is operated by turning the thumbturn in the same way as a conventional lock.



### GENERAL ENTRANCE

#### ME-MSL-05



#### USE

Residential entrance.

#### FEATURES

- Insert card and unlocked by lever.
- As for locking, insert card and locked by lever.
- Locked or unlocked from inside by thumbturn.
- Stainless steel dead bolt for extra security.
- Weather resistant design keeps away rain and dust.

#### SPECIFICATIONS

Backset	51mm, 64mm
For Doors	30-45mm
Hand	Reversible

### ENTRANCE

#### ME-MSL-77



#### USE

Office, member's club or rental apartment entrance.

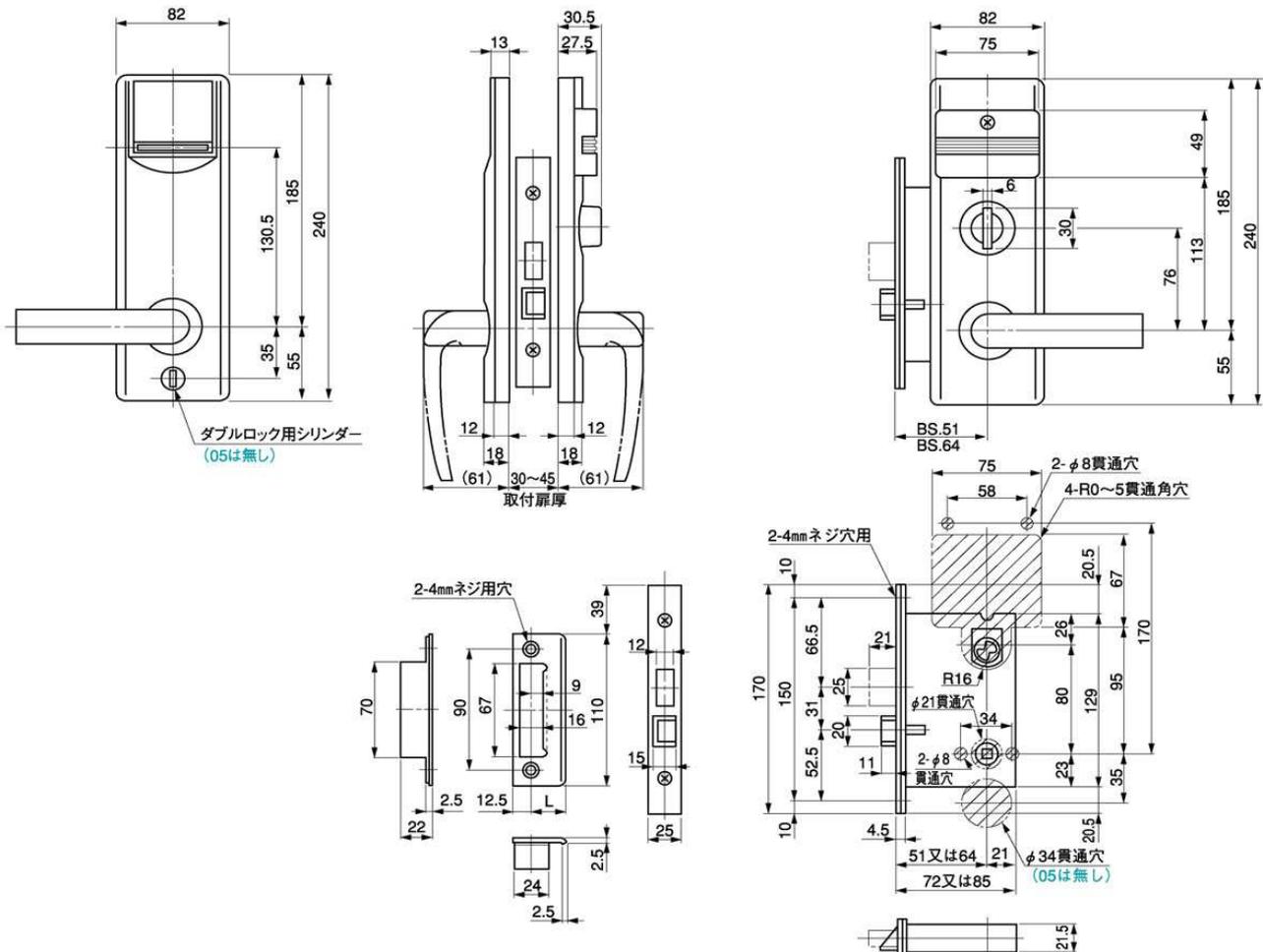
#### FEATURES

- Can shut-out card by key. Otherwise the same as ME-MSL-05

#### SPECIFICATIONS

Backset	51mm, 64mm
For Doors	30-45mm
Hand	Reversible

### CUT-OUT DRAWING



### CARD SWITCH ME-EKP, ME-EKP-L



#### USE

- Automatic door or electric lock of common entrance.
- Linkage with other electric apparatus.

#### FEATURES

- Switched on when card inserted.
- No electricity is required to read card.
- Can be multi level masterkeyed, cross and maison keyed.
- Weather proof.
- Armoured plate cannot be disassembled without card.
- Bright LED display for night use. (ME-EKP-L)

### CARD SWITCH ME-EK



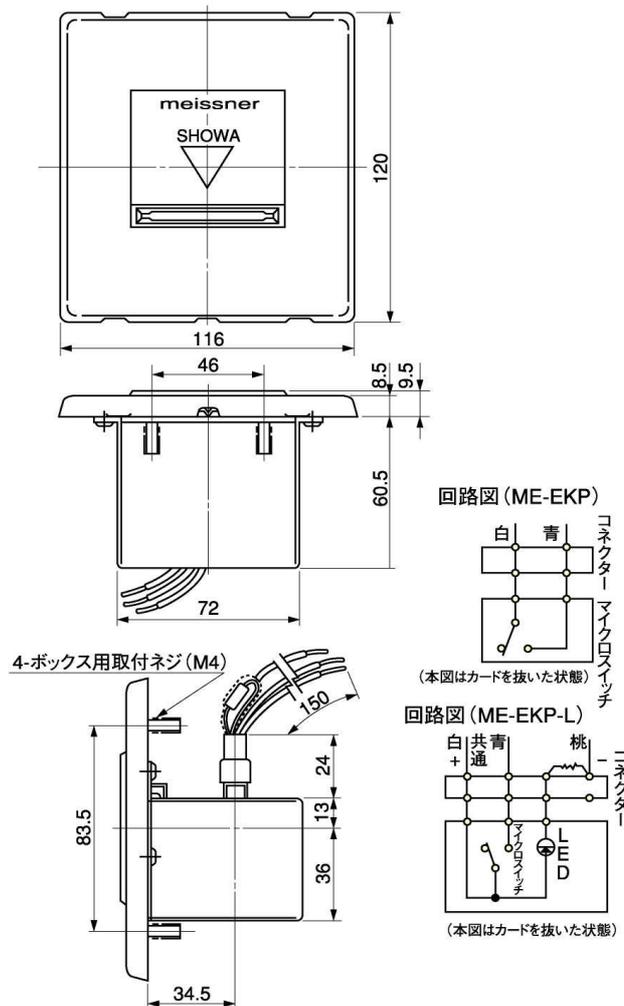
#### USE

- Automatic door or electric door of common door.
- Linkage with other electric apparatus.

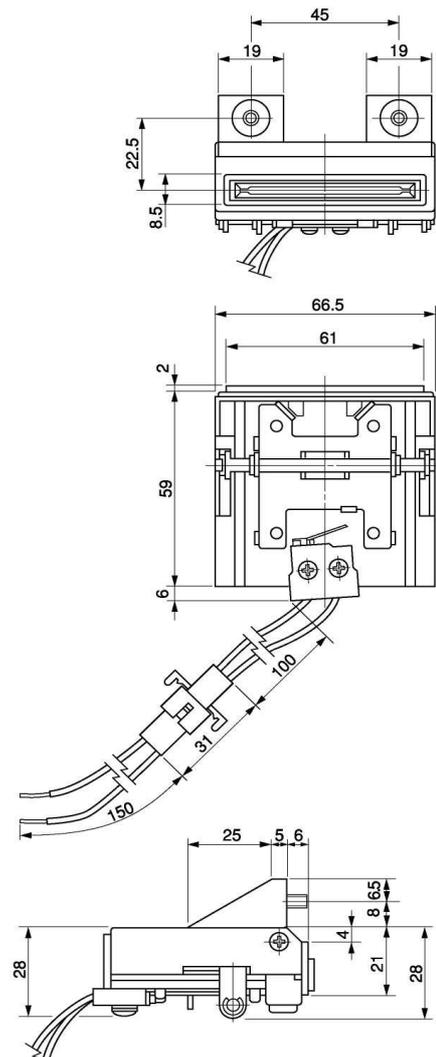
#### FEATURES

- Switched on when card inserted.
- No electricity is required to read card.
- Can be multi level masterkeyed, cross and maison keyed.
- Weather proof.

### CUT-OUT DRAWING



### CUT-OUT DRAWING





**ECH**



**ECLH**

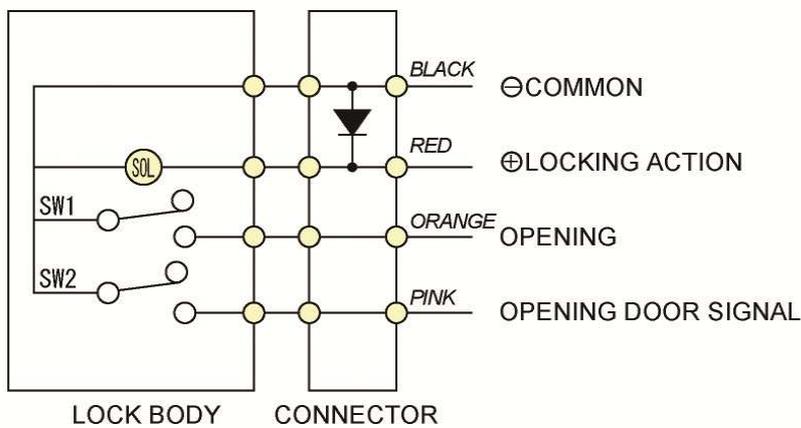
**FEATURES**

- The key is locked with electric power and unlocked without electric power.
- Opened with key or thumbturn and automatically closed automatically releasing key or thumbturn.
- Can confirm with signal when the door is opened.
- Can confirm with signal when the door has been opened.

**SPECIFICATIONS**

Voltage/Ampere	DC24V(20.4-26.4V) 179mA
Welding time	Possible with continuous electric power.
Micro switch	DC24V 2-100mA
Wire	Four. Length 310mm, with connector
Backset	70mm・100mm (Knob only)
For Doors	35-50mm
Cylinder	6 pin standard. Available with X・NX Key cylinder.

**CIRCUIT DIAGRAM**





**FEATURES**

Locked or unlocked by motor drive Can keep Locked or Unlocked for certain period (for 3~5 seconds).  
 Mechanical Key or thumbturn can be used as well.  
 Can identify locked or unlocked with signals.  
 Emergency cylinder (EMXE) can be also installed.

**FUNCTION CHART**

LOCATIONS	FUNCTION NO.	OUTSIDE	INSIDE	FUNCTION DESCRIPTION
Entrance	05			Lock or unlock by key from outside, by thumbturn from inside.
Entrance	26			Lock or unlock by key from both sides.
Storeroom	35			Lock or unlock by key from outside only.
Exit	63			Lock or unlock by thumbturn inside only.

**SPECIFICATIONS**

Backset	38mm, 51mm
For Doors	33-67mm (X·NX Key cylinder only for more than 35mm door thickness)
Cylinder	6 pin standard. Available with X·NX Key cylinder.

**HOW TO ORDER (Example)**

① ② ③ ④ ⑤ ⑥

**(X-) EMX - 05 - 51 - MK - 40M(W)**

①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③Function. ④Backset.  
 ⑤Masterkey ⑥Door thickness and material. Wood door : W, Metal door : M



**EDM-106A / 105A**



**EDM-106B / 105B / 103 / 105**

**FEATURES**

Suitable for Case locks, lever handle locks, integral locks, Seven locks, Dead locks, or any kind of locks, offering a systematic security. With small electricity consumption, can be operated by simple control panel. Keeping a continuous electric power, can maintain unlocked operating with switch. Locked or Unlocked are available with or without electric power. Sufficient strength, durability, preservative material.

**FUNCTION CHART**

TYPE	FUNCTION No.	Location	FEATURES
FOR MORTISE LOCK	<b>106A</b>	Entrance Door	UNLOCKED WITH ELECTRIC POWER
	<b>105A</b>	Entrance Emergency Door	LOCKED WITH ELECTRIC POWER
FOR DEAD BOLT LOCK	<b>106B</b>	Entrance Door	UNLOCKED WITH ELECTRIC POWER
	<b>105B</b>	Entrance Emergency Door	LOCKED WITH ELECTRIC POWER
FOR LATCH LOCK	<b>103</b>	Entrance Door	UNLOCKED WITH ELECTRIC POWER
	<b>105</b>	Entrance Emergency Door	LOCKED WITH ELECTRIC POWER

**SPECIFICATIONS**

Voltage/Ampere	DC24V(22-28V) 60mA, DC12V(11-14V) 120mA
Welding time	Possible with continuous electric power.
Micro switch	DC24V 0.1-2A
Micro switch	DC12V 0.1-2A
Wire	Three. Length 330mm, with connector
Front case	Zinc die cast
Strike	Stainless steel.
Strength	400kg over(106A/106B/103) , 250kg over(105A/105B/105)

**HOW TO ORDER (Example)**

① ② ③  
**EDM - 106A - 24**

①Series name of lock. ②Electrical Function. ③Voltage.



**EASY OPERATION BASED ON SIMPLE AND STRAIGHT LINED DESIGN**

**FEATURES**

**EASY INSTALLATION**

Handle and plinth are in one unit, making easy to install with only 2 screws.  
Easy to change the cylinder which is installed in lock case.

**EASY OPERATION:**

Can be opened and locked the door simply "PUSHING" or "PULLING" the Handle.  
Adopted larger thumbturn to make easy operation.

**SPECIFICATIONS**

Backset	64mm
For Doors	36~50mm(more than 50mm available under request)
Cylinder	6 pin standard. Available with X•NX Key cylinder.
Handle, Plinth	Cast Aluminum
Finishes	Silver, Umber, Gold
Right/Left hand	Must be specified Right or Left hand

**FUNCTION CHART**

ARTICLE No. (Location)	OUTSIDE INSTALLATION	FUNCTION DESCRIPTION
<b>PGA-05 (Entrance) Double Lock</b>		Upper and bottom locksets can be opened by key from outside and thumbturn from inside.
<b>PGB-05 (Entrance) Single Lock</b>		Upper lockset can be opened by key from outside and thumbturn from inside.
<b>PGC-15 (Passage)</b>		Without locking sytem either outside or inside. Door can be freely opened by outside or inside with push & pull handle. Auxiliary lock must be installed if necessary to be locked.

**HOW TO ORDER (Example)**

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

**(X-) PG - A - 05 - S - 36M(W) - OL - S(D)**

- ①Prefix X when ordering with X-KEY cylinder. ②Series name of lock. ③A or B or C ④Function.
- ⑤Color. Silver : S, Amber : A, Gold : G ⑥Door thickness and material. Wood door : W, Metal door : M
- ⑦Hand.(IL, IR, OL, OR) ⑧Door type. Single leaf door : S, Double leaf door : D

**CUT-OUT DRAWING**

PGA

