

## Grade 1 Extra Heavy Duty Cylindrical Knob


**SPXCK100**
**F82**
**Entry/Office Lock**

Push Button locking. Pushing button in inside knob locks outside lever until unlocked with key or turning inside lever. Closing door does not release button. \*


**SPXCK104**
**F80**
**Communicating Lock**

Deadlocking latch bolt operated by knob from either side. Turning key in either knob or unlocks its own knob independently.


**SPXCK101**
**F81**
**Entry/Office Lock**

Turn/Push button locking. Pushing and turning button locks outside knob requiring use of key until button is manually unlocked. Pushing button locks outside knob until unlocked with key or inside knob is turned. \*\*


**SPXCK105**
**F86**
**Storeroom Lock**

Deadlocking latch bolt operated by key in outside knob or rotating inside knob. Outside knob is always fixed.


**SPXCK102**
**F91**
**Store Door Lock**

Deadlocking latch bolt operated by knob from either side, except when both knobs are locked by key in knob from either side.


**SPXCK106**
**F88**
**Vestibule Lock**

Deadlocking latch bolt operated by knob from either side except when outside knob is locked by key from inside, latch bolt may be retracted by key in outside knob or by rotating inside knob.


**SPXCK103**
**F84**
**Classroom Lock**

Deadlocking latch bolt operated by knob either side except when outside knob is locked from outside by key. When outside knob is locked, latch bolt is operated by key in outside knob or by rotating inside knob.


**SPXCK109**
**F87**
**Institutional Lock**

Deadlocking latch bolt operated by key in knob from either side. Both knobs always fixed.

## Grade 1 Extra Heavy Duty Cylindrical Knob



**SPXCKH10** F93

**Hotel/Motel Lock**

Deadlocking latch bolt operated by knob from inside at all times. Outside knob always fixed. Latch bolt operated by key from outside except when push button inside is operated thus shutting out all keys except emergency key. Inside push button provides lockout feature by keeping indicator thrown. Turning inside knob or closing door releases indicator and shut out feature.



**SPXCK130** F75

**Passage/Closet Set**

Latch bolt operated by knob from either side at all times.



**SPXCK140**

**Single Dummy Trim**

Single dummy trim for one side of door.



**SPXCK110** F77

**Patio Lock**

Deadlocking latch bolt operated by knob from either side. Outside knob is locked by push button inside and unlocked by rotating inside knob or closing door.



**SPXCK150** F89

**Exit Latch**

Deadlocking latch bolt by inside knob. Outside knob rigid.



**SPXCK120** F76

**Privacy Lock**

Latch bolt operated by knob from either side. Outside knob is locked by push button inside and unlocked by emergency release outside, rotating inside knob or closing door.



**SPXCK160**

**Connecting Room/Exit Lock**

Deadlocking latch bolt operated from inside only. Blank plate outside.



**SPXCK163**

**Connecting Room/Exit Lock**

Deadlocking latch bolt operated by knob from inside except when inside knob is locked by key. Blank plate outside.

**Finishes:**

Simplex Finish	US3	US4	US10	US10B	US26	US26D	US32D
BHMA	605	606	612	613	625	626	630

# CYLINDRICAL LOCK SERIES



## Grade 1 Extra Heavy Duty Cylindrical Lock



### **DURABLE**

Exceeds Grade 1 specifications  
UL Listed, 3-hour fire rated and ADA Compliant.

### **DEPENDABLE**

Patented reinforced springs eliminate  
possibility of lever sag.

### **RELIABLE**

For exterior and interior use.





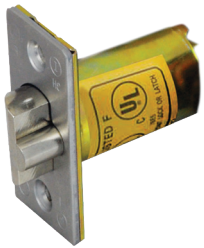
Imperial Standard trim in 626



Imperial Standard trim in 606



Imperial Standard trim in 613



Latch



ANSI Strike

## CL1 Series Grade 1 Extra Heavy Duty Cylindrical Lock

### Features:

- A standard chassis plus the availability of I/C lever variations allows for versatile applications.
- Quality machined stainless steel hubs mounted with heavy duty return springs eliminate the possibility of lever sag even after one million cycles.
- A stronger rose-liner material provides greater protection from extreme abuse.
- Heat treated heavy gauge cold rolled steel spindles tested to withstand 1000 in lbs. of torque resistance on a locked lever without gaining access.
- Threaded outside rose assembly adjustable for door thickness without removing keyed lever.

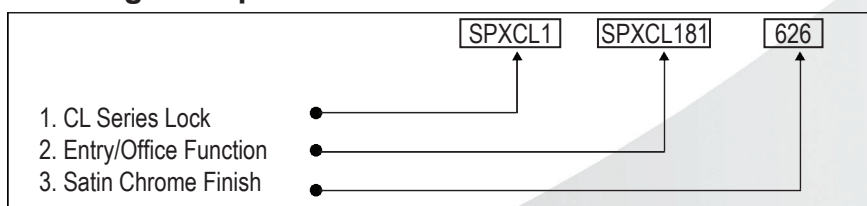
### Specifications:

Door Thickness	1 <sup>3</sup> / <sub>8</sub> " to 2" wood or metal doors. 2 <sup>1</sup> / <sub>4</sub> " available.
Backset	2 <sup>3</sup> / <sub>4</sub> " standard, 2 <sup>3</sup> / <sub>8</sub> ", 3 <sup>3</sup> / <sub>4</sub> " and 5" optional.
Latchbolt	1 <sup>1</sup> / <sub>2</sub> " throw, UL listed, faceplate self-adjusted. 3 <sup>1</sup> / <sub>4</sub> " throw fire door deadlatch available.
Faceplate	Brass, bronze or stainless steel. 1 <sup>1</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>4</sub> " (29mm x 57mm) square corner, beveled.
Lock Chassis	Steel, zinc dichromate plated for corrosion resistance.
Handing	Non-handed. ADA Compliant
Strike	ANSI strike standard. T-strike or Full-lip strike optional.
Exposed Trim	Solid zinc diecast levers, wrought brass roses, concealed screws.
Door Preparation	ANSI A115.2, through bolted installation.
Cylinders & Keys	Standard 6-pin keyway with two patented nickel silver keys per lock
Master Keying	Can be master keyed or grand master keyed and construction key system available.
I/C Core	6 or 7-pin can be available in Best and Falcon keyway.
Certifications	UL Listed for "A" label, 3 hours fire rated, single swinging door (4'x8').
Standard Tested	ANSI A156.2, Series 4000 Grade 1.

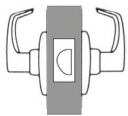
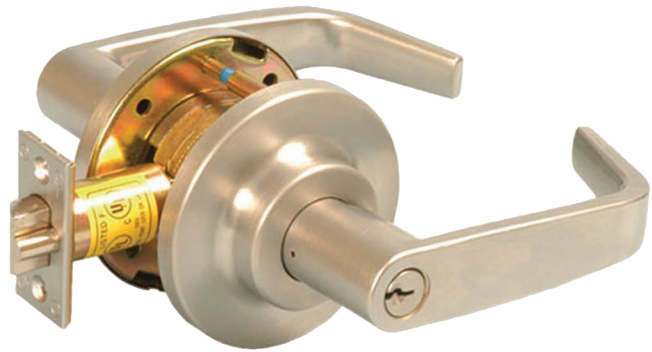
### How to Order

SERIES	FUNCTION	FINISHES
CL1 - Standard Cylinder CL1 - I/C Core	See function page	605 (Bright Brass) 606 (Satin Brass) 612 (Satin Bronze) 613 (Oil Rubbed Bronze) 625 (Bright Chrome) 626 (Satin Chrome)

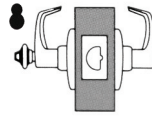
### Ordering Example



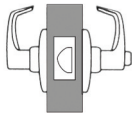
## Grade 1 Extra Heavy Duty Cylindrical Lock


**SPXCL175**
**F75**
**Passage /Closet Set**

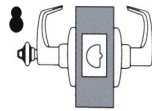
Latch bolt operated by lever from either side at all times.


**SPXCL184**
**F84**
**Classroom Lock**

Deadlocking latch bolt operated by lever from either side except when both levers are locked from outside by key. When outside lever is locked, latch bolt is operated by key in outside lever or by rotating inside lever.


**SPXCL176**
**F76**
**Privacy Lock**

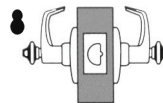
Latch bolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside, rotating inside lever or closing door.


**SPXCL186**
**F86**
**Storeroom Lock**

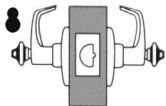
Deadlocking latch bolt operated by key in outside lever or rotating inside lever. Outside lever is always fixed.


**SPXCL177**
**F77**
**Patio Lock**

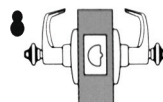
Deadlocking latch bolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by rotating inside lever or closing door.


**SPXCL187**
**F87**
**Asylum Lock**

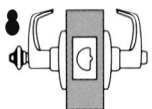
Deadlocking latch bolt operated by key in lever from either side. Both levers always fixed.


**SPXCL180**
**Communicating Lock**

Deadlocking latch bolt operated by lever from either side. Turning key in either lever locks or unlocks its own lever independently.

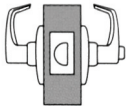

**SPXCL188**
**F88**
**Vestibule Lock**

Deadlocking latch bolt operated by lever from either side except when outside lever is locked by key from inside, latch bolt may be retracted by key in outside lever or by rotating inside lever.


**SPXCL181**
**F81**
**Entry/Office Lock**

Turn/Push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Pushing button locks outside lever until unlocked with key or inside lever is turned.

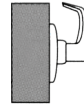
## Grade 1 Extra Heavy Duty Cylindrical Lock



**SPXCL189**                      **F89**

**Exit Latch**

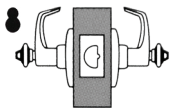
Deadlocking latch bolt by inside lever. Outside lever rigid.



**SPXCL171**

**Single Dummy Trim**

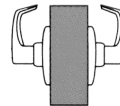
Single dummy trim for one side of door.



**SPXCL191**                      **F91**

**Store Door Lock**

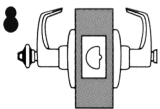
Deadlocking latch bolt operated by lever from either side, except when both levers are locked by key in lever from either side.



**SPXCL172**

**Double Dummy Trim**

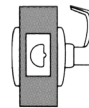
Through-bolted. Both levers rigid.



**SPXCL193**                      **F93**

**Hotel/Motel Lock**

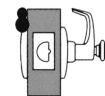
Deadlocking latch bolt operated by lever from inside at all times. Outside lever always fixed. Latch bolt operated by key from outside except when push button inside is operated thus shutting out all keys except emergency key. Inside push button provides lockout feature by keeping indicator thrown. Turning inside lever or closing door releases indicator and shut out feature.



**SPXCL173**

**Connecting Room/Exit**

Deadlocking latch bolt operated from inside only. Blank plate outside.



**SPXCL174**

**Connecting Room/Exit**

Deadlocking latch bolt operated by lever from inside except when inside lever is locked by key. Blank plate outside.

**Finishes:**

Simplex Finish	US3	US4	US10	US10B	US26	US26D
BHMA	605	606	612	613	625	626

## Grade 2 Heavy Duty Cylindrical Lock



### **DURABLE**

Exceeds Grade 2 specifications  
UL Listed, 3-hour fire rated and ADA Compliant.

### **DEPENDABLE**

Patented reinforced springs eliminate  
possibility of lever sag.

### **RELIABLE**

For exterior and interior use.







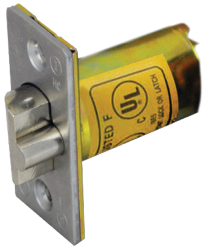
Imperial Standard trim in 626



Imperial Standard trim in 606



Imperial Standard trim in 613



Latch



ANSI Strike

## CL2 Series Grade 2 Standard Duty Cylindrical Lock

### Features:

- A standard chassis plus the availability of I/C lever variations allows for versatile applications.
- Quality machined stainless steel hubs mounted with heavy duty return springs eliminate the possibility of lever sag even after one million cycles.
- A stronger rose-liner material provides greater protection from extreme abuse.
- Heat treated heavy gauge cold rolled steel spindles tested to withstand 1000 in lbs. of torque resistance on a locked lever without gaining access.
- Threaded outside rose assembly adjustable for door thickness without removing keyed lever.

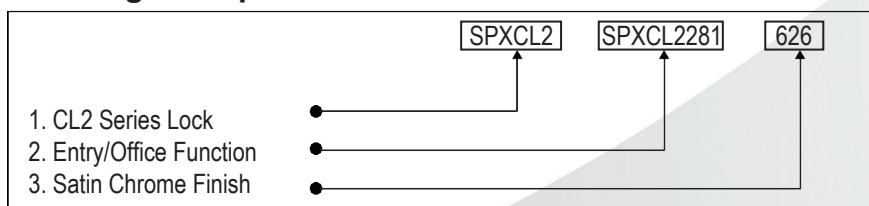
### Specifications:

Door Thickness	1 <sup>3</sup> / <sub>8</sub> " to 2" wood or metal doors. 2 <sup>1</sup> / <sub>4</sub> " available.
Backset	2 <sup>3</sup> / <sub>4</sub> " standard, 2 <sup>3</sup> / <sub>8</sub> ", 3 <sup>3</sup> / <sub>4</sub> " and 5" optional.
Latchbolt	1 <sup>1</sup> / <sub>2</sub> " throw, UL listed, faceplate self-adjusted. 3 <sup>3</sup> / <sub>4</sub> " throw fire door deadlatch available.
Faceplate	Brass, bronze or stainless steel. 1 <sup>1</sup> / <sub>8</sub> " x 2 <sup>1</sup> / <sub>4</sub> " (29mm x 57mm) square corner, beveled.
Lock Chassis	Steel, zinc dichromate plated for corrosion resistance.
Handing	Non-handed. ADA Compliant
Strike	ANSI strike standard. T-strike or Full-lip strike optional.
Exposed Trim	Solid zinc diecast levers, wrought brass roses, concealed screws.
Door Preparation	ANSI A115.2, through bolted installation.
Cylinders & Keys	Standard 6-pin keyway with two patented nickel silver keys per lock
Master Keying	Can be master keyed or grand master keyed and construction key system available.
I/C Core	6 or 7-pin can be available in Best and Falcon keyway.
Certifications	UL Listed for "A" label, 3 hours fire rated, single swinging door (4'x8').
Standard Tested	ANSI A156.2, Series 4000 Grade 2.

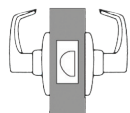
### How to Order

SERIES	FUNCTION	FINISHES
CL2 - Standard Cylinder CL2 - I/C Core	See function page	605 (Bright Brass) 606 (Satin Brass) 612 (Satin Bronze) 613 (Oil Rubbed Bronze) 625 (Bright Chrome) 626 (Satin Chrome)

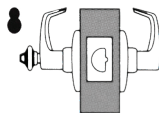
### Ordering Example



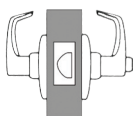
## Grade 2 Extra Heavy Duty Cylindrical Lock


**SPXCL275 F75**
**Passage/Close Set**

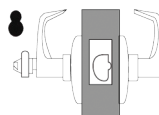
Latch bolt operated by lever from either side at all times.


**SPXCL284 F84**
**Classroom Lock**

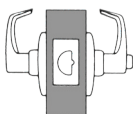
Deadlocking latch bolt operated by lever from either side except when both levers are locked from outside by key. When outside lever is locked, latch bolt is operated by key in outside lever or by rotating inside lever.


**SPXCL276 F76**
**Privacy Lock**

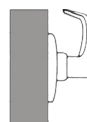
Latch bolt operated by lever from either side. Outside lever is locked by push button inside and unlocked by emergency release outside, rotating inside lever or closing door.


**SPXCL286 F86**
**Storeroom Lock**

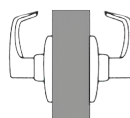
Deadlocking latch bolt operated by key in outside lever or rotating inside lever. Outside lever is always fixed.


**SPXCL281 F81**
**Entry/Office Lock**

Turn/Push button locking. Pushing and turning button locks outside lever requiring use of key until button is manually unlocked. Pushing button locks outside lever until unlocked with key or inside lever is turned.


**SPXCL271**
**Single Dummy Trim**

Single dummy trim for one side of door.


**SPXCL272**
**Double Dummy Trim**

Through-bolted. Both levers rigid.

**Finishes:**

Simplex Finish	US3	US4	US10	US10B	US26	US26D	US32
BHMA	605	606	612	613	625	626	629



## Electrified Lever Lock

- Locks are available for electrically locking and unlocking controls for high security and the safety application. They are UL Listed and rated for both fire and electrical single-point locking on labeled doors.

### Electrical Requirements:

- Voltage – 24VAC or 24VDC
- Holding Current – .15A or .35A
- Operating Temperature  
Maximum +151°F (+66°C)  
Minimum -31°F (-33°C)

*Note: All installations should be in accordance with local electrical codes.*

### Typical Wiring Diagram for Electrified Locks

AC Power Source – EL or EU





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